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A Historical Record of The Population of the United States

March 8, 1994 [Etext #115]

The Project Gutenberg Etext of United States Census Figures

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This "Small Print!" by Charles B. Kramer, Attorney
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A Few Words About These United States Population Statistics.

All figures listed below for years before 1992 are US Census Bureau figures as per the source files. Where there were an assortment of figures for a specific year, we averaged them. 1992 was an estimate. Years after 1992 are our estimates on a predicted growth rate of 1%, as the average growth rate of all the averaged figures from 1972-1992 was exactly 1.00%.

The raw data from which we took these figures is appended as footnote #2. All dates not given are presumed to be July 1, as that is the official date given by the US Census Bureaus, over the years, except where otherwise noted. Dates are for footnoted figures only.

Why and How You Should Use These Tables

Given the rapid inflation that took place sometimes over the past few decades, you might be aware that if a report said a certain monetary figure was up 10% during one decade, it was prudent to check to see if the figures took the inflationary trends into account to tell you the actual value a figure in one year might represent would actually be less than figures which counted more value in lesser numbers of dollars in the previous decade.

Thus you would be wise to consult a table of Price Indices-- such as the file "price10.txt" released in 1993, before your evaluation of such figures is complete.

The same is true of population figures, which are going up a certain amount every year, in a very similar manner to those price index figures, only not quite as fast, in most cases.

What Started This Report

Very recently, there was a report issued on education, which stated something on the order of people in the United States are receiving 10% more of a certain level of education, than they were a decade before.

The years and the exact figures have been altered to protect those responsible from embarrassment.

For example: let us presume the report stated:
Graduation From Grade School was up 5% from 1981 to 1991.

You would think from this report that the average kid had 5% greater chances of getting a Grade School Diploma in 91 than in 81. . .but. . .it turns out that it was just the opposite because the population was 1.097352 times larger in 91, than it had been in 1981. . .which is about 10% larger, thus in a "real education" sense, in the same way the monetary reports are given in "real dollars" or "constant dollars," education was actually moving in just the opposite direction, and thus was DOWN about 5% instead of UP about 5% from 1981 to 1991.

Remember, these were not from years quoted in the report and the figures were not exactly 5% or 10% respectively, nor the diploma referred to was not a Grade School Diploma, but they are pretty close to being exact, in terms of the percentages and years; much closer than you might expect.

Here is a footnote explanation of how to be more exact

To be exact, one would have to do a demographic analysis, of the specific portions of the population of the ages at which such diplomas were conferred, as it would be irrelevant from a realistic point of view to measure the population on whole

bases if you were only concerned with people who were of the age to receive Kindergarten Diplomas between 1981 and 1991-- or whatever ages and a whatever kind of diploma. Thus these figures are not as precise as they could be, but still given the trends of population and education, it is obvious that a trend in one is not following the direction of the other. A further look at the US Census figures averaged below will be sufficient to inform you that previous generations that were measured had even greater growth rates than 10%, so that the number of people getting any specific degrees or diplomas in the following decades should have been going up even more.

In the tables below, the first line shows the Base Year: or "The Year In Question" labeled "YEAR: ####" so if you want a chart based on 1980 as the base year, you simply search/find "YEAR: 1980" to find the relevant portions.

Once you have located the table for "YEAR: ####" you can see comparisons of that year to any other year by looking up the year you wish to compare to in the left column.

The SAMPLE comparison is 1991, presented below.

You will note a ten year comparison looks like:

	year/1991	1991/year	Growth%
1981	0.911285	1.097352	0.9031%

This means a 1991 statistic would have to be shrunk to about 91% of its size to be relevant to a comparable 1981 statistic.

On the other hand, and 1981 statistic would have to be enlarged, this time by about 10% to be useful in comparison to 1991.

1991 is the latest year for which we have "hard statistics" so a copy of that year is presented first for you immediate use, with year back to colonization following, starting with estimates for 2009 when the United States population should reach 300 million.

You may note some fluctuations in these figures, because we used all reports from the major media and almanacs of the periods our researchers could find. If you have access to any figures which do not appear in the footnoted materials, please send them to us for inclusion in the next edition.

We are also working on a database that will NOT show fluctuation patterns of this nature, which will be based on massaged figures presented at later dates by the Census Bureau. These will be an example of the difference between the figure we can expect on an

entirely "here-and-now" basis, and those which we would probably not see about today's events until a decade or two have passed.

***BYEAR = BASE YEAR

***AYEAR = A YEAR IN COMPARISON TO THE BASE YEAR

BASE YEAR: 1991

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

year/1991	1991/year	Growth%
1991	1.000000	1.2505%
1990	0.987649	0.7224%
1989	0.980565	1.1077%
1988	0.969823	0.8834%
1987	0.961331	0.5594%
1986	0.955983	1.3056%
1985	0.943663	0.7673%
1984	0.936477	0.8149%
1983	0.928907	0.9737%
1982	0.919949	0.9508%
1981	0.911285	0.9031%
1980	0.903129	2.2701%
1979	0.883082	1.0042%
1978	0.874303	0.9896%
1977	0.865735	0.9103%
1976	0.857925	0.8394%
1975	0.850783	0.9042%
1974	0.843160	1.1568%
1973	0.833518	0.9427%
1972	0.825734	0.7426%
1971	0.819647	1.4697%
1970	0.807774	0.6968%
1969	0.802185	0.8565%
1968	0.795372	1.5090%
1967	0.783548	0.9949%
1966	0.775829	1.0575%
1965	0.767711	1.1300%
1964	0.759132	1.5537%
1963	0.747519	1.4658%
1962	0.736720	1.5364%
1961	0.725572	2.1586%
1960	0.710240	-1.6655%
1959	0.722269	4.3080%
1958	0.692439	2.1130%
1957	0.678111	1.9895%
1956	0.664883	2.1231%
1955	0.651061	1.4496%
1954	0.641758	2.1573%

1953	0.628206	1.591836	1.2298%
1952	0.620574	1.611411	1.6814%
1951	0.610312	1.638505	1.6233%
1950	0.600564	1.665103	1.4265%
1949	0.592117	1.688856	1.7790%
1948	0.581767	1.718901	1.8242%
1947	0.571345	1.750257	-2.6320%
1946	0.586789	1.704189	3.1768%
1945	0.568722	1.758328	6.4754%
1944	0.534135	1.872187	-0.3437%
1943	0.535977	1.865753	0.6562%
1942	0.532482	1.877996	0.6633%
1941	0.528974	1.890453	-5.6614%
1940	0.560718	1.783427	8.0381%
1939	0.519001	1.926780	0.8126%
1938	0.514817	1.942438	0.7762%
1937	0.510852	1.957516	0.6029%
1936	0.507790	1.969317	0.5244%
1935	0.505141	1.979644	-3.0364%
1934	0.520959	1.919535	4.6271%
1933	0.497920	2.008354	1.3921%
1932	0.491084	2.036313	-0.2051%
1931	0.492093	2.032137	0.8886%
1930	0.487759	2.050194	1.0126%
1929	0.482869	2.070954	1.1526%
1928	0.477367	2.094824	1.2160%
1927	0.471632	2.120297	1.4086%
1926	0.465081	2.150163	1.7667%
1925	0.457007	2.188150	1.4465%
1924	0.450491	2.219801	1.7700%
1923	0.442656	2.259091	1.6165%
1922	0.435614	2.295610	1.3736%
1921	0.429711	2.327144	2.3393%
1920	0.419889	2.381583	1.3140%
1919	0.414443	2.412877	0.7676%
1918	0.411286	2.431399	0.3870%
1917	0.409700	2.440808	1.3274%
1916	0.404333	2.473209	1.4083%
1915	0.398718	2.508038	1.4458%
1914	0.393035	2.544300	1.9424%
1913	0.385547	2.593720	1.9857%
1912	0.378040	2.645223	1.5634%
1911	0.372221	2.686578	1.8169%
1910	0.365578	2.735391	1.8781%
1909	0.358839	2.786763	2.0082%
1908	0.351775	2.842728	1.9603%
1907	0.345012	2.898453	1.8264%
1906	0.338824	2.951389	1.9357%
1905	0.332390	3.008518	2.0148%
1904	0.325825	3.069135	2.1335%
1903	0.319018	3.134616	1.8151%
1902	0.313331	3.191514	1.8943%
1901	0.307506	3.251972	3.0255%

1900	0.298475	3.350360	0.6278%
1899	0.296613	3.371395	1.7757%
1898	0.291438	3.431260	1.8078%
1897	0.286263	3.493288	1.8396%
1896	0.281092	3.557551	1.8755%
1895	0.275917	3.624274	1.9114%
1894	0.270742	3.693548	1.9486%
1893	0.265567	3.765522	1.9858%
1892	0.260396	3.840298	2.0276%
1891	0.255222	3.918165	2.6465%
1890	0.248641	4.021860	1.5328%
1889	0.244888	4.083507	2.0811%
1888	0.239895	4.168490	2.1599%
1887	0.234823	4.258524	2.2075%
1886	0.229751	4.352532	2.2592%
1885	0.224676	4.450863	2.3095%
1884	0.219604	4.553658	2.3641%
1883	0.214532	4.661312	2.4214%
1882	0.209460	4.774181	2.4815%
1881	0.204388	4.892651	3.7644%
1880	0.196973	5.076829	0.9432%
1879	0.195133	5.124715	2.1464%
1878	0.191032	5.234712	2.1913%
1877	0.186936	5.349420	2.2426%
1876	0.182836	5.469386	2.2941%
1875	0.178736	5.594857	2.3456%
1874	0.174639	5.726090	2.4043%
1873	0.170539	5.863763	2.4635%
1872	0.166439	6.008220	2.5258%
1871	0.162338	6.159974	5.9947%
1870	0.153157	6.529244	-1.0968%
1869	0.154856	6.457632	2.1930%
1868	0.151532	6.599246	2.2394%
1867	0.148213	6.747030	2.2935%
1866	0.144890	6.901773	2.3445%
1865	0.141571	7.063584	2.4037%
1864	0.138248	7.233371	2.4599%
1863	0.134929	7.411303	2.5250%
1862	0.131606	7.598439	2.5872%
1861	0.128287	7.795030	2.9504%
1860	0.124610	8.025015	2.4012%
1859	0.121688	8.217714	2.7627%
1858	0.118417	8.444746	2.8412%
1857	0.115145	8.684678	2.9243%
1856	0.111874	8.938643	3.0161%
1855	0.108598	9.208245	3.1061%
1854	0.105327	9.494258	3.2056%
1853	0.102055	9.798609	3.3118%
1852	0.098784	10.123118	3.4252%
1851	0.095512	10.469858	4.0106%
1850	0.091829	10.889763	2.3254%
1849	0.089743	11.142990	2.7841%
1848	0.087312	11.453220	2.8590%

1847	0.084885	11.780669	2.9432%
1846	0.082458	12.127393	3.0324%
1845	0.080031	12.495144	3.1325%
1844	0.077600	12.886555	3.2284%
1843	0.075173	13.302580	3.3361%
1842	0.072747	13.746361	3.4512%
1841	0.070320	14.220775	3.8105%
1840	0.067738	14.762656	2.3861%
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1838	0.064494	15.505226	2.6573%
1837	0.062825	15.917251	2.7232%
1836	0.061159	16.350710	2.7994%
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1834	0.057824	17.293718	2.9657%
1833	0.056159	17.806595	3.0563%
1832	0.054493	18.350822	3.1604%
1831	0.052824	18.930786	3.4660%
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1824	0.043319	23.084676	3.0955%
1823	0.042018	23.799264	3.1944%
1822	0.040717	24.559505	3.3102%
1821	0.039413	25.372472	3.2277%
1820	0.038180	26.191429	2.6573%
1819	0.037192	26.887408	2.6261%
1818	0.036240	27.593500	2.6969%
1817	0.035289	28.337678	2.7717%
1816	0.034337	29.123109	2.8507%
1815	0.033385	29.953320	2.9343%
1814	0.032434	30.832253	3.0231%
1813	0.031482	31.764328	3.1039%
1812	0.030534	32.750260	3.2172%
1811	0.029582	33.803887	3.0969%
1810	0.028694	34.850765	2.9144%
1809	0.027881	35.866449	2.8225%
1808	0.027116	36.878766	2.9199%
1807	0.026347	37.955599	2.9918%
1806	0.025581	39.091149	3.0841%
1805	0.024816	40.296740	3.1822%
1804	0.024051	41.579060	3.2868%
1803	0.023285	42.945674	3.3985%
1802	0.022520	44.405177	3.5180%
1801	0.021755	45.967371	3.3999%
1800	0.021039	47.530238	2.8419%
1799	0.020458	48.880985	2.7485%
1798	0.019911	50.224457	2.8261%
1797	0.019363	51.643866	3.7832%
1796	0.018658	53.597662	2.1272%
1795	0.018269	54.737790	3.0879%

1794	0.017722	56.428060	3.1625%
1793	0.017178	58.212604	3.2904%
1792	0.016631	60.128040	3.4024%
1791	0.016084	62.173817	3.2296%
1790	0.015581	64.181759	41.3145%
1780	0.011026	90.698101	29.4353%
1770	0.008518	117.395373	83.4728%
1750	0.004643	215.388623	29.2845%
1740	0.003591	278.464002	94.2514%
1720	0.001849	540.920206	85.8111%
1700	0.000995	1005.089677	19.2490%
1690	0.000834	1198.559886	88.0250%
1670	0.000444	2253.592493	122.0238%
1650	0.000200	5003.511905	

YEAR: 1990

BASE YEAR: 2009

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.000000	1.000000	8.2857%
2001	0.923483	1.082857	1.0000%
2000	0.914340	1.093685	1.0000%
1999	0.905287	1.104622	1.0000%
1998	0.896324	1.115668	1.0000%
1997	0.887449	1.126825	1.0000%
1996	0.878663	1.138093	1.0000%
1995	0.869963	1.149475	1.0000%
1994	0.861356	1.160960	1.0008%
1993	0.852821	1.172579	1.0000%
1992	0.844377	1.184304	0.9295%
1991	0.836601	1.195313	1.2505%
1990	0.826269	1.210260	0.7224%
1989	0.820342	1.219004	1.1077%
1988	0.811355	1.232506	0.8834%
1987	0.804250	1.243394	0.5594%
1986	0.799777	1.250349	1.3056%
1985	0.789469	1.266674	0.7673%
1984	0.783458	1.276393	0.8149%
1983	0.777125	1.286795	0.9737%
1982	0.769631	1.299325	0.9508%
1981	0.762382	1.311679	0.9031%
1980	0.755559	1.323524	2.2701%
1979	0.738788	1.353569	1.0042%
1978	0.731443	1.367161	0.9896%
1977	0.724275	1.380691	0.9103%
1976	0.717741	1.393260	0.8394%
1975	0.711766	1.404955	0.9042%
1974	0.705388	1.417659	1.1568%
1973	0.697322	1.434058	0.9427%
1972	0.690810	1.447577	0.7426%
1971	0.685717	1.458327	1.4697%

1970	0.675785	1.479761	0.6968%
1969	0.671109	1.490072	0.8565%
1968	0.665409	1.502835	1.5090%
1967	0.655517	1.525513	0.9949%
1966	0.649060	1.540691	1.0575%
1965	0.642268	1.556983	1.1300%
1964	0.635091	1.574577	1.5537%
1963	0.625375	1.599041	1.4658%
1962	0.616341	1.622480	1.5364%
1961	0.607014	1.647408	2.1586%
1960	0.594188	1.682970	-1.6655%
1959	0.604252	1.654940	4.3080%
1958	0.579296	1.726235	2.1130%
1957	0.567309	1.762709	1.9895%
1956	0.556242	1.797778	2.1231%
1955	0.544678	1.835947	1.4496%
1954	0.536895	1.862561	2.1573%
1953	0.525558	1.902741	1.2298%
1952	0.519173	1.926140	1.6814%
1951	0.510588	1.958526	1.6233%
1950	0.502432	1.990318	1.4265%
1949	0.495366	2.018711	1.7790%
1948	0.486707	2.054624	1.8242%
1947	0.477988	2.092104	-2.6320%
1946	0.490909	2.037039	3.1768%
1945	0.475794	2.101752	6.4754%
1944	0.446858	2.237849	-0.3437%
1943	0.448399	2.230158	0.6562%
1942	0.445475	2.244793	0.6633%
1941	0.442540	2.259683	-5.6614%
1940	0.469098	2.131752	8.0381%
1939	0.434196	2.303105	0.8126%
1938	0.430697	2.321821	0.7762%
1937	0.427379	2.339844	0.6029%
1936	0.424818	2.353950	0.5244%
1935	0.422602	2.366294	-3.0364%
1934	0.435835	2.294444	4.6271%
1933	0.416561	2.400611	1.3921%
1932	0.410841	2.434031	-0.2051%
1931	0.411685	2.429039	0.8886%
1930	0.408059	2.450623	1.0126%
1929	0.403969	2.475438	1.1526%
1928	0.399366	2.503969	1.2160%
1927	0.394568	2.534418	1.4086%
1926	0.389087	2.570117	1.7667%
1925	0.382333	2.615523	1.4465%
1924	0.376881	2.653357	1.7700%
1923	0.370326	2.700320	1.6165%
1922	0.364435	2.743972	1.3736%
1921	0.359497	2.781664	2.3393%
1920	0.351280	2.846736	1.3140%
1919	0.346724	2.884142	0.7676%
1918	0.344082	2.906282	0.3870%

1917	0.342756	2.917529	1.3274%
1916	0.338266	2.956257	1.4083%
1915	0.333568	2.997890	1.4458%
1914	0.328814	3.041234	1.9424%
1913	0.322549	3.100306	1.9857%
1912	0.316269	3.161868	1.5634%
1911	0.311400	3.211301	1.8169%
1910	0.305843	3.269647	1.8781%
1909	0.300205	3.331053	2.0082%
1908	0.294295	3.397949	1.9603%
1907	0.288637	3.464557	1.8264%
1906	0.283460	3.527832	1.9357%
1905	0.278078	3.596120	2.0148%
1904	0.272585	3.668576	2.1335%
1903	0.266891	3.746846	1.8151%
1902	0.262133	3.814857	1.8943%
1901	0.257260	3.887123	3.0255%
1900	0.249705	4.004728	0.6278%
1899	0.248147	4.029871	1.7757%
1898	0.243818	4.101428	1.8078%
1897	0.239488	4.175572	1.8396%
1896	0.235162	4.252386	1.8755%
1895	0.230833	4.332141	1.9114%
1894	0.226503	4.414945	1.9486%
1893	0.222174	4.500976	1.9858%
1892	0.217848	4.590356	2.0276%
1891	0.213519	4.683432	2.6465%
1890	0.208014	4.807380	1.5328%
1889	0.204873	4.881068	2.0811%
1888	0.200696	4.982649	2.1599%
1887	0.196453	5.090267	2.2075%
1886	0.192210	5.202636	2.2592%
1885	0.187964	5.320173	2.3095%
1884	0.183721	5.443044	2.3641%
1883	0.179478	5.571725	2.4214%
1882	0.175235	5.706638	2.4815%
1881	0.170991	5.848247	3.7644%
1880	0.164788	6.068398	0.9432%
1879	0.163248	6.125637	2.1464%
1878	0.159818	6.257117	2.1913%
1877	0.156391	6.394229	2.2426%
1876	0.152961	6.537627	2.2941%
1875	0.149530	6.687603	2.3456%
1874	0.146103	6.844468	2.4043%
1873	0.142673	7.009030	2.4635%
1872	0.139243	7.181701	2.5258%
1871	0.135812	7.363094	5.9947%
1870	0.128131	7.804488	-1.0968%
1869	0.129552	7.718889	2.1930%
1868	0.126772	7.888162	2.2394%
1867	0.123995	8.064810	2.2935%
1866	0.121215	8.249777	2.3445%
1865	0.118439	8.443191	2.4037%

1864	0.115659	8.646139	2.4599%
1863	0.112882	8.858824	2.5250%
1862	0.110102	9.082510	2.5872%
1861	0.107325	9.317497	2.9504%
1860	0.104249	9.592401	2.4012%
1859	0.101805	9.822738	2.7627%
1858	0.099068	10.094111	2.8412%
1857	0.096331	10.380905	2.9243%
1856	0.093594	10.684473	3.0161%
1855	0.090853	11.006732	3.1061%
1854	0.088117	11.348607	3.2056%
1853	0.085380	11.712401	3.3118%
1852	0.082643	12.100291	3.4252%
1851	0.079906	12.514753	4.0106%
1850	0.076825	13.016671	2.3254%
1849	0.075079	13.319356	2.7841%
1848	0.073045	13.690178	2.8590%
1847	0.071015	14.081582	2.9432%
1846	0.068984	14.496025	3.0324%
1845	0.066954	14.935603	3.1325%
1844	0.064920	15.403462	3.2284%
1843	0.062890	15.900741	3.3361%
1842	0.060860	16.431199	3.4512%
1841	0.058830	16.998272	3.8105%
1840	0.056670	17.645989	2.3861%
1839	0.055349	18.067031	2.5824%
1838	0.053956	18.533593	2.6573%
1837	0.052559	19.026090	2.7232%
1836	0.051166	19.544210	2.7994%
1835	0.049773	20.091338	2.8871%
1834	0.048376	20.671400	2.9657%
1833	0.046983	21.284448	3.0563%
1832	0.045589	21.934969	3.1604%
1831	0.044193	22.628207	3.4660%
1830	0.042712	23.412493	2.4653%
1829	0.041685	23.989682	2.6804%
1828	0.040596	24.632700	10.3427%
1827	0.036791	27.180374	-4.2314%
1826	0.038417	26.030255	2.9150%
1825	0.037329	26.789046	3.0026%
1824	0.036241	27.593404	3.0955%
1823	0.035152	28.447560	3.1944%
1822	0.034064	29.356286	3.3102%
1821	0.032973	30.328036	3.2277%
1820	0.031942	31.306946	2.6573%
1819	0.031115	32.138858	2.6261%
1818	0.030319	32.982859	2.6969%
1817	0.029523	33.872384	2.7717%
1816	0.028726	34.811219	2.8507%
1815	0.027930	35.803581	2.9343%
1814	0.027134	36.854181	3.0231%
1813	0.026338	37.968302	3.1039%
1812	0.025545	39.146799	3.2172%

1811	0.024749	40.406213	3.0969%
1810	0.024005	41.657559	2.9144%
1809	0.023325	42.871618	2.8225%
1808	0.022685	44.081654	2.9199%
1807	0.022042	45.368806	2.9918%
1806	0.021401	46.726143	3.0841%
1805	0.020761	48.167202	3.1822%
1804	0.020121	49.699975	3.2868%
1803	0.019480	51.333506	3.3985%
1802	0.018840	53.078068	3.5180%
1801	0.018200	54.945379	3.3999%
1800	0.017601	56.813493	2.8419%
1799	0.017115	58.428058	2.7485%
1798	0.016657	60.033927	2.8261%
1797	0.016199	61.730565	3.7832%
1796	0.015609	64.065962	2.1272%
1795	0.015284	65.428771	3.0879%
1794	0.014826	67.449172	3.1625%
1793	0.014371	69.582260	3.2904%
1792	0.013914	71.871805	3.4024%
1791	0.013456	74.317147	3.2296%
1790	0.013035	76.717267	41.3145%
1780	0.009224	108.412584	29.4353%
1770	0.007126	140.324170	83.4728%
1750	0.003884	257.456738	29.2845%
1740	0.003004	332.851534	94.2514%
1720	0.001547	646.568745	85.8111%
1700	0.000832	1201.396369	19.2490%
1690	0.000698	1432.653750	88.0250%
1670	0.000371	2693.747534	

BASE YEAR: 2001

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.082857	0.923483	8.2857%
2001	1.000000	1.000000	1.0000%
2000	0.990099	1.010000	1.0000%
1999	0.980296	1.020100	1.0000%
1998	0.970590	1.030301	1.0000%
1997	0.960980	1.040604	1.0000%
1996	0.951466	1.051010	1.0000%
1995	0.942045	1.061520	0.9992%
1994	0.932725	1.072127	1.0008%
1993	0.923483	1.082857	1.0000%
1992	0.914340	1.093685	0.9295%
1991	0.905919	1.103851	1.2505%
1990	0.894730	1.117655	0.7224%
1989	0.888313	1.125730	1.1077%
1988	0.878581	1.138199	0.8834%
1987	0.870888	1.148253	0.5594%
1986	0.866044	1.154676	1.3056%
1985	0.854882	1.169752	0.7673%

1984	0.848373	1.178727	0.8149%
1983	0.841515	1.188333	0.9737%
1982	0.833399	1.199905	0.9508%
1981	0.825550	1.211314	0.9031%
1980	0.818162	1.222252	2.2701%
1979	0.800001	1.249998	1.0042%
1978	0.792047	1.262551	0.9896%
1977	0.784286	1.275045	0.9103%
1976	0.777211	1.286652	0.8394%
1975	0.770741	1.297453	0.9042%
1974	0.763835	1.309184	1.1568%
1973	0.755100	1.324328	0.9427%
1972	0.748048	1.336813	0.7426%
1971	0.742533	1.346741	1.4697%
1970	0.731778	1.366534	0.6968%
1969	0.726714	1.376056	0.8565%
1968	0.720543	1.387843	1.5090%
1967	0.709831	1.408786	0.9949%
1966	0.702838	1.422802	1.0575%
1965	0.695484	1.437848	1.1300%
1964	0.687713	1.454096	1.5537%
1963	0.677191	1.476687	1.4658%
1962	0.667408	1.498333	1.5364%
1961	0.657309	1.521354	2.1586%
1960	0.643420	1.554194	-1.6655%
1959	0.654318	1.528309	4.3080%
1958	0.627294	1.594149	2.1130%
1957	0.614314	1.627833	1.9895%
1956	0.602330	1.660218	2.1231%
1955	0.589808	1.695466	1.4496%
1954	0.581380	1.720044	2.1573%
1953	0.569103	1.757150	1.2298%
1952	0.562190	1.778758	1.6814%
1951	0.552894	1.808666	1.6233%
1950	0.544062	1.838026	1.4265%
1949	0.536410	1.864246	1.7790%
1948	0.527034	1.897411	1.8242%
1947	0.517592	1.932023	-2.6320%
1946	0.531584	1.881172	3.1768%
1945	0.515216	1.940933	6.4754%
1944	0.483883	2.066616	-0.3437%
1943	0.485552	2.059514	0.6562%
1942	0.482386	2.073029	0.6633%
1941	0.479207	2.086779	-5.6614%
1940	0.507966	1.968638	8.0381%
1939	0.470173	2.126879	0.8126%
1938	0.466383	2.144163	0.7762%
1937	0.462790	2.160807	0.6029%
1936	0.460017	2.173833	0.5244%
1935	0.457617	2.185233	-3.0364%
1934	0.471947	2.118881	4.6271%
1933	0.451075	2.216924	1.3921%
1932	0.444882	2.247787	-0.2051%

1931	0.445796	2.243177	0.8886%
1930	0.441870	2.263110	1.0126%
1929	0.437440	2.286026	1.1526%
1928	0.432456	2.312374	1.2160%
1927	0.427260	2.340493	1.4086%
1926	0.421326	2.373460	1.7667%
1925	0.414011	2.415392	1.4465%
1924	0.408108	2.450331	1.7700%
1923	0.401010	2.493701	1.6165%
1922	0.394631	2.534012	1.3736%
1921	0.389284	2.568820	2.3393%
1920	0.380385	2.628913	1.3140%
1919	0.375452	2.663457	0.7676%
1918	0.372592	2.683903	0.3870%
1917	0.371155	2.694289	1.3274%
1916	0.366293	2.730054	1.4083%
1915	0.361206	2.768501	1.4458%
1914	0.356058	2.808529	1.9424%
1913	0.349274	2.863081	1.9857%
1912	0.342474	2.919932	1.5634%
1911	0.337202	2.965583	1.8169%
1910	0.331185	3.019465	1.8781%
1909	0.325079	3.076172	2.0082%
1908	0.318679	3.137949	1.9603%
1907	0.312553	3.199461	1.8264%
1906	0.306947	3.257894	1.9357%
1905	0.301118	3.320957	2.0148%
1904	0.295171	3.387868	2.1335%
1903	0.289005	3.460149	1.8151%
1902	0.283853	3.522956	1.8943%
1901	0.278575	3.589693	3.0255%
1900	0.270395	3.698300	0.6278%
1899	0.268707	3.721519	1.7757%
1898	0.264019	3.787600	1.8078%
1897	0.259331	3.856071	1.8396%
1896	0.254647	3.927007	1.8755%
1895	0.249959	4.000660	1.9114%
1894	0.245271	4.077128	1.9486%
1893	0.240583	4.156576	1.9858%
1892	0.235898	4.239118	2.0276%
1891	0.231210	4.325071	2.6465%
1890	0.225249	4.439535	1.5328%
1889	0.221848	4.507585	2.0811%
1888	0.217325	4.601393	2.1599%
1887	0.212731	4.700777	2.2075%
1886	0.208136	4.804548	2.2592%
1885	0.203538	4.913091	2.3095%
1884	0.198943	5.026561	2.3641%
1883	0.194349	5.145396	2.4214%
1882	0.189754	5.269985	2.4815%
1881	0.185159	5.400759	3.7644%
1880	0.178442	5.604065	0.9432%
1879	0.176775	5.656924	2.1464%

1878	0.173060	5.778343	2.1913%
1877	0.169349	5.904964	2.2426%
1876	0.165635	6.037389	2.2941%
1875	0.161920	6.175890	2.3456%
1874	0.158209	6.320752	2.4043%
1873	0.154494	6.472722	2.4635%
1872	0.150780	6.632181	2.5258%
1871	0.147065	6.799695	5.9947%
1870	0.138748	7.207314	-1.0968%
1869	0.140287	7.128266	2.1930%
1868	0.137276	7.284586	2.2394%
1867	0.134269	7.447718	2.2935%
1866	0.131259	7.618531	2.3445%
1865	0.128252	7.797146	2.4037%
1864	0.125242	7.984565	2.4599%
1863	0.122235	8.180976	2.5250%
1862	0.119224	8.387547	2.5872%
1861	0.116218	8.604553	2.9504%
1860	0.112887	8.858422	2.4012%
1859	0.110240	9.071134	2.7627%
1858	0.107276	9.321743	2.8412%
1857	0.104312	9.586593	2.9243%
1856	0.101349	9.866932	3.0161%
1855	0.098381	10.164533	3.1061%
1854	0.095418	10.480249	3.2056%
1853	0.092454	10.816207	3.3118%
1852	0.089490	11.174417	3.4252%
1851	0.086526	11.557166	4.0106%
1850	0.083190	12.020678	2.3254%
1849	0.081299	12.300203	2.7841%
1848	0.079097	12.642651	2.8590%
1847	0.076899	13.004106	2.9432%
1846	0.074700	13.386838	3.0324%
1845	0.072502	13.792781	3.1325%
1844	0.070300	14.224840	3.2284%
1843	0.068101	14.684069	3.3361%
1842	0.065902	15.173938	3.4512%
1841	0.063704	15.697620	3.8105%
1840	0.061366	16.295776	2.3861%
1839	0.059936	16.684602	2.5824%
1838	0.058427	17.115464	2.6573%
1837	0.056914	17.570277	2.7232%
1836	0.055405	18.048752	2.7994%
1835	0.053897	18.554016	2.8871%
1834	0.052384	19.089693	2.9657%
1833	0.050875	19.655832	3.0563%
1832	0.049367	20.256578	3.1604%
1831	0.047854	20.896772	3.4660%
1830	0.046251	21.621047	2.4653%
1829	0.045138	22.154071	2.6804%
1828	0.043960	22.747887	10.3427%
1827	0.039840	25.100622	-4.2314%
1826	0.041600	24.038506	2.9150%

1825	0.040422	24.739237	3.0026%
1824	0.039243	25.482049	3.0955%
1823	0.038065	26.270847	3.1944%
1822	0.036887	27.110041	3.3102%
1821	0.035705	28.007435	3.2277%
1820	0.034588	28.911442	2.6573%
1819	0.033693	29.679699	2.6261%
1818	0.032831	30.459120	2.6969%
1817	0.031969	31.280582	2.7717%
1816	0.031107	32.147580	2.8507%
1815	0.030244	33.064010	2.9343%
1814	0.029382	34.034222	3.0231%
1813	0.028520	35.063093	3.1039%
1812	0.027661	36.151415	3.2172%
1811	0.026799	37.314464	3.0969%
1810	0.025994	38.470061	2.9144%
1809	0.025258	39.591224	2.8225%
1808	0.024565	40.708672	2.9199%
1807	0.023868	41.897336	2.9918%
1806	0.023175	43.150814	3.0841%
1805	0.022481	44.481607	3.1822%
1804	0.021788	45.897098	3.2868%
1803	0.021095	47.405637	3.3985%
1802	0.020401	49.016711	3.5180%
1801	0.019708	50.741141	3.3999%
1800	0.019060	52.466313	2.8419%
1799	0.018533	53.957336	2.7485%
1798	0.018037	55.440330	2.8261%
1797	0.017542	57.007147	3.7832%
1796	0.016902	59.163847	2.1272%
1795	0.016550	60.422379	3.0879%
1794	0.016054	62.288185	3.1625%
1793	0.015562	64.258056	3.2904%
1792	0.015067	66.372413	3.4024%
1791	0.014571	68.630646	3.2296%
1790	0.014115	70.847116	41.3145%
1780	0.009988	100.117213	29.4353%
1770	0.007717	129.587030	83.4728%
1750	0.004206	237.757003	29.2845%
1740	0.003253	307.382839	94.2514%
1720	0.001675	597.095450	85.8111%
1700	0.000901	1109.469506	19.2490%
1690	0.000756	1323.031839	88.0250%
1670	0.000402	2487.630912	

BASE YEAR: 2000

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.093685	0.914340	8.2857%
2001	1.010000	0.990099	1.0000%
2000	1.000000	1.000000	1.0000%
1999	0.990099	1.010000	1.0000%

1998	0.980296	1.020100	1.0000%
1997	0.970590	1.030301	1.0000%
1996	0.960980	1.040604	1.0000%
1995	0.951466	1.051010	0.9992%
1994	0.942052	1.061512	1.0008%
1993	0.932718	1.072135	1.0000%
1992	0.923483	1.082857	0.9295%
1991	0.914978	1.092922	1.2505%
1990	0.903678	1.106589	0.7224%
1989	0.897196	1.114584	1.1077%
1988	0.887367	1.126930	0.8834%
1987	0.879597	1.136884	0.5594%
1986	0.874704	1.143244	1.3056%
1985	0.863431	1.158170	0.7673%
1984	0.856856	1.167057	0.8149%
1983	0.849930	1.176568	0.9737%
1982	0.841734	1.188024	0.9508%
1981	0.833806	1.199320	0.9031%
1980	0.826343	1.210151	2.2701%
1979	0.808001	1.237622	1.0042%
1978	0.799968	1.250050	0.9896%
1977	0.792129	1.262421	0.9103%
1976	0.784983	1.273913	0.8394%
1975	0.778448	1.284607	0.9042%
1974	0.771473	1.296222	1.1568%
1973	0.762651	1.311216	0.9427%
1972	0.755528	1.323577	0.7426%
1971	0.749959	1.333406	1.4697%
1970	0.739096	1.353004	0.6968%
1969	0.733982	1.362432	0.8565%
1968	0.727748	1.374102	1.5090%
1967	0.716929	1.394837	0.9949%
1966	0.709867	1.408715	1.0575%
1965	0.702439	1.423612	1.1300%
1964	0.694590	1.439699	1.5537%
1963	0.683963	1.462067	1.4658%
1962	0.674083	1.483498	1.5364%
1961	0.663882	1.506291	2.1586%
1960	0.649854	1.538806	-1.6655%
1959	0.660861	1.513178	4.3080%
1958	0.633567	1.578365	2.1130%
1957	0.620457	1.611715	1.9895%
1956	0.608354	1.643780	2.1231%
1955	0.595706	1.678679	1.4496%
1954	0.587194	1.703014	2.1573%
1953	0.574795	1.739752	1.2298%
1952	0.567812	1.761147	1.6814%
1951	0.558423	1.790758	1.6233%
1950	0.549503	1.819827	1.4265%
1949	0.541774	1.845788	1.7790%
1948	0.532304	1.878625	1.8242%
1947	0.522768	1.912894	-2.6320%
1946	0.536900	1.862546	3.1768%

1945	0.520368	1.921715	6.4754%
1944	0.488722	2.046154	-0.3437%
1943	0.490407	2.039122	0.6562%
1942	0.487210	2.052503	0.6633%
1941	0.484000	2.066118	-5.6614%
1940	0.513045	1.949146	8.0381%
1939	0.474874	2.105820	0.8126%
1938	0.471046	2.122933	0.7762%
1937	0.467418	2.139412	0.6029%
1936	0.464617	2.152310	0.5244%
1935	0.462193	2.163597	-3.0364%
1934	0.476667	2.097902	4.6271%
1933	0.455586	2.194974	1.3921%
1932	0.449331	2.225531	-0.2051%
1931	0.450254	2.220967	0.8886%
1930	0.446289	2.240702	1.0126%
1929	0.441815	2.263391	1.1526%
1928	0.436781	2.289479	1.2160%
1927	0.431533	2.317319	1.4086%
1926	0.425539	2.349960	1.7667%
1925	0.418152	2.391477	1.4465%
1924	0.412189	2.426070	1.7700%
1923	0.405021	2.469010	1.6165%
1922	0.398577	2.508922	1.3736%
1921	0.393177	2.543386	2.3393%
1920	0.384189	2.602884	1.3140%
1919	0.379206	2.637086	0.7676%
1918	0.376318	2.657329	0.3870%
1917	0.374867	2.667613	1.3274%
1916	0.369956	2.703024	1.4083%
1915	0.364818	2.741090	1.4458%
1914	0.359619	2.780721	1.9424%
1913	0.352767	2.834733	1.9857%
1912	0.345898	2.891022	1.5634%
1911	0.340574	2.936220	1.8169%
1910	0.334496	2.989569	1.8781%
1909	0.328330	3.045715	2.0082%
1908	0.321866	3.106880	1.9603%
1907	0.315678	3.167783	1.8264%
1906	0.310016	3.225638	1.9357%
1905	0.304129	3.288075	2.0148%
1904	0.298123	3.354325	2.1335%
1903	0.291895	3.425890	1.8151%
1902	0.286691	3.488075	1.8943%
1901	0.281361	3.554152	3.0255%
1900	0.273099	3.661682	0.6278%
1899	0.271395	3.684672	1.7757%
1898	0.266660	3.750099	1.8078%
1897	0.261925	3.817892	1.8396%
1896	0.257193	3.888125	1.8755%
1895	0.252458	3.961049	1.9114%
1894	0.247723	4.036760	1.9486%
1893	0.242988	4.115421	1.9858%

1892	0.238257	4.197146	2.0276%
1891	0.233522	4.282248	2.6465%
1890	0.227501	4.395579	1.5328%
1889	0.224067	4.462955	2.0811%
1888	0.219499	4.555835	2.1599%
1887	0.214858	4.654234	2.2075%
1886	0.210218	4.756978	2.2592%
1885	0.205573	4.864446	2.3095%
1884	0.200933	4.976792	2.3641%
1883	0.196292	5.094450	2.4214%
1882	0.191651	5.217807	2.4815%
1881	0.187011	5.347285	3.7644%
1880	0.180226	5.548578	0.9432%
1879	0.178542	5.600914	2.1464%
1878	0.174791	5.721131	2.1913%
1877	0.171043	5.846498	2.2426%
1876	0.167291	5.977612	2.2941%
1875	0.163539	6.114742	2.3456%
1874	0.159791	6.258169	2.4043%
1873	0.156039	6.408635	2.4635%
1872	0.152288	6.566515	2.5258%
1871	0.148536	6.732370	5.9947%
1870	0.140135	7.135954	-1.0968%
1869	0.141689	7.057688	2.1930%
1868	0.138649	7.212461	2.2394%
1867	0.135612	7.373977	2.2935%
1866	0.132571	7.543100	2.3445%
1865	0.129535	7.719945	2.4037%
1864	0.126494	7.905509	2.4599%
1863	0.123457	8.099976	2.5250%
1862	0.120417	8.304501	2.5872%
1861	0.117380	8.519359	2.9504%
1860	0.114016	8.770714	2.4012%
1859	0.111342	8.981320	2.7627%
1858	0.108349	9.229448	2.8412%
1857	0.105355	9.491675	2.9243%
1856	0.102362	9.769239	3.0161%
1855	0.099365	10.063893	3.1061%
1854	0.096372	10.376483	3.2056%
1853	0.093378	10.709115	3.3118%
1852	0.090385	11.063778	3.4252%
1851	0.087392	11.442737	4.0106%
1850	0.084022	11.901660	2.3254%
1849	0.082112	12.178418	2.7841%
1848	0.079888	12.517475	2.8590%
1847	0.077668	12.875351	2.9432%
1846	0.075447	13.254293	3.0324%
1845	0.073227	13.656217	3.1325%
1844	0.071003	14.083999	3.2284%
1843	0.068782	14.538681	3.3361%
1842	0.066562	15.023700	3.4512%
1841	0.064341	15.542197	3.8105%
1840	0.061979	16.134430	2.3861%

1839	0.060535	16.519406	2.5824%
1838	0.059011	16.946002	2.6573%
1837	0.057483	17.396312	2.7232%
1836	0.055960	17.870049	2.7994%
1835	0.054436	18.370311	2.8871%
1834	0.052908	18.900684	2.9657%
1833	0.051384	19.461218	3.0563%
1832	0.049860	20.056016	3.1604%
1831	0.048333	20.689871	3.4660%
1830	0.046714	21.406975	2.4653%
1829	0.045590	21.934721	2.6804%
1828	0.044400	22.522658	10.3427%
1827	0.040238	24.852098	-4.2314%
1826	0.042016	23.800498	2.9150%
1825	0.040826	24.494292	3.0026%
1824	0.039636	25.229748	3.0955%
1823	0.038446	26.010737	3.1944%
1822	0.037256	26.841622	3.3102%
1821	0.036062	27.730131	3.2277%
1820	0.034934	28.625187	2.6573%
1819	0.034030	29.385838	2.6261%
1818	0.033159	30.157542	2.6969%
1817	0.032288	30.970870	2.7717%
1816	0.031418	31.829284	2.8507%
1815	0.030547	32.736640	2.9343%
1814	0.029676	33.697246	3.0231%
1813	0.028805	34.715930	3.1039%
1812	0.027938	35.793477	3.2172%
1811	0.027067	36.945010	3.0969%
1810	0.026254	38.089165	2.9144%
1809	0.025511	39.199228	2.8225%
1808	0.024810	40.305612	2.9199%
1807	0.024107	41.482506	2.9918%
1806	0.023406	42.723573	3.0841%
1805	0.022706	44.041191	3.1822%
1804	0.022006	45.442666	3.2868%
1803	0.021305	46.936269	3.3985%
1802	0.020605	48.531391	3.5180%
1801	0.019905	50.238748	3.3999%
1800	0.019250	51.946839	2.8419%
1799	0.018718	53.423100	2.7485%
1798	0.018218	54.891410	2.8261%
1797	0.017717	56.442714	3.7832%
1796	0.017071	58.578060	2.1272%
1795	0.016716	59.824131	3.0879%
1794	0.016215	61.671464	3.1625%
1793	0.015718	63.621831	3.2904%
1792	0.015217	65.715253	3.4024%
1791	0.014716	67.951127	3.2296%
1790	0.014256	70.145652	41.3145%
1780	0.010088	99.125943	29.4353%
1770	0.007794	128.303977	83.4728%
1750	0.004248	235.402948	29.2845%

1740	0.003286	304.339413	94.2514%
1720	0.001692	591.183552	85.8111%
1700	0.000910	1098.484544	19.2490%
1690	0.000763	1309.932376	88.0250%
1670	0.000406	2463.000643	

BASE YEAR: 1999

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.104622	0.905287	8.2857%
2001	1.020100	0.980296	1.0000%
2000	1.010000	0.990099	1.0000%
1999	1.000000	1.000000	1.0000%
1998	0.990099	1.010000	1.0000%
1997	0.980296	1.020100	1.0000%
1996	0.970590	1.030301	1.0000%
1995	0.960980	1.040604	0.9992%
1994	0.951473	1.051002	1.0008%
1993	0.942045	1.061520	1.0000%
1992	0.932718	1.072135	0.9295%
1991	0.924128	1.082101	1.2505%
1990	0.912715	1.095633	0.7224%
1989	0.906168	1.103548	1.1077%
1988	0.896241	1.115772	0.8834%
1987	0.888393	1.125628	0.5594%
1986	0.883451	1.131924	1.3056%
1985	0.872065	1.146703	0.7673%
1984	0.865425	1.155502	0.8149%
1983	0.858429	1.164918	0.9737%
1982	0.850151	1.176262	0.9508%
1981	0.842144	1.187446	0.9031%
1980	0.834607	1.198169	2.2701%
1979	0.816081	1.225368	1.0042%
1978	0.807968	1.237673	0.9896%
1977	0.800050	1.249921	0.9103%
1976	0.792833	1.261300	0.8394%
1975	0.786233	1.271888	0.9042%
1974	0.779188	1.283388	1.1568%
1973	0.770277	1.298234	0.9427%
1972	0.763084	1.310472	0.7426%
1971	0.757458	1.320204	1.4697%
1970	0.746487	1.339608	0.6968%
1969	0.741321	1.348943	0.8565%
1968	0.735026	1.360497	1.5090%
1967	0.724099	1.381027	0.9949%
1966	0.716966	1.394767	1.0575%
1965	0.709463	1.409516	1.1300%
1964	0.701536	1.425444	1.5537%
1963	0.690803	1.447591	1.4658%
1962	0.680823	1.468810	1.5364%
1961	0.670521	1.491377	2.1586%
1960	0.656353	1.523570	-1.6655%

1959	0.667470	1.498196	4.3080%
1958	0.639903	1.562738	2.1130%
1957	0.626662	1.595758	1.9895%
1956	0.614437	1.627505	2.1231%
1955	0.601663	1.662059	1.4496%
1954	0.593066	1.686152	2.1573%
1953	0.580543	1.722527	1.2298%
1952	0.573490	1.743710	1.6814%
1951	0.564007	1.773028	1.6233%
1950	0.554998	1.801809	1.4265%
1949	0.547192	1.827512	1.7790%
1948	0.537627	1.860025	1.8242%
1947	0.527996	1.893954	-2.6320%
1946	0.542269	1.844105	3.1768%
1945	0.525572	1.902688	6.4754%
1944	0.493609	2.025895	-0.3437%
1943	0.495311	2.018933	0.6562%
1942	0.492082	2.032182	0.6633%
1941	0.488840	2.045661	-5.6614%
1940	0.518176	1.929847	8.0381%
1939	0.479623	2.084971	0.8126%
1938	0.475757	2.101914	0.7762%
1937	0.472092	2.118230	0.6029%
1936	0.469263	2.131000	0.5244%
1935	0.466815	2.142175	-3.0364%
1934	0.481433	2.077131	4.6271%
1933	0.460142	2.173242	1.3921%
1932	0.453824	2.203496	-0.2051%
1931	0.454757	2.198977	0.8886%
1930	0.450752	2.218517	1.0126%
1929	0.446233	2.240982	1.1526%
1928	0.441148	2.266811	1.2160%
1927	0.435848	2.294375	1.4086%
1926	0.429794	2.326694	1.7667%
1925	0.422333	2.367799	1.4465%
1924	0.416311	2.402049	1.7700%
1923	0.409071	2.444565	1.6165%
1922	0.402563	2.484082	1.3736%
1921	0.397108	2.518204	2.3393%
1920	0.388031	2.577113	1.3140%
1919	0.382999	2.610976	0.7676%
1918	0.380081	2.631019	0.3870%
1917	0.378616	2.641201	1.3274%
1916	0.373656	2.676261	1.4083%
1915	0.368467	2.713951	1.4458%
1914	0.363215	2.753189	1.9424%
1913	0.356295	2.806667	1.9857%
1912	0.349357	2.862398	1.5634%
1911	0.343980	2.907149	1.8169%
1910	0.337841	2.959969	1.8781%
1909	0.331613	3.015559	2.0082%
1908	0.325085	3.076119	1.9603%
1907	0.318835	3.136419	1.8264%

1906	0.313116	3.193701	1.9357%
1905	0.307171	3.255520	2.0148%
1904	0.301104	3.321114	2.1335%
1903	0.294814	3.391970	1.8151%
1902	0.289558	3.453540	1.8943%
1901	0.284175	3.518962	3.0255%
1900	0.275829	3.625428	0.6278%
1899	0.274109	3.648190	1.7757%
1898	0.269326	3.712969	1.8078%
1897	0.264544	3.780091	1.8396%
1896	0.259765	3.849629	1.8755%
1895	0.254983	3.921830	1.9114%
1894	0.250201	3.996792	1.9486%
1893	0.245418	4.074675	1.9858%
1892	0.240640	4.155590	2.0276%
1891	0.235857	4.239850	2.6465%
1890	0.229776	4.352058	1.5328%
1889	0.226307	4.418767	2.0811%
1888	0.221694	4.510727	2.1599%
1887	0.217007	4.608152	2.2075%
1886	0.212320	4.709879	2.2592%
1885	0.207629	4.816283	2.3095%
1884	0.202942	4.927517	2.3641%
1883	0.198255	5.044010	2.4214%
1882	0.193568	5.166145	2.4815%
1881	0.188881	5.294342	3.7644%
1880	0.182029	5.493642	0.9432%
1879	0.180328	5.545459	2.1464%
1878	0.176539	5.664486	2.1913%
1877	0.172753	5.788612	2.2426%
1876	0.168964	5.918428	2.2941%
1875	0.165175	6.054200	2.3456%
1874	0.161389	6.196207	2.4043%
1873	0.157600	6.345184	2.4635%
1872	0.153811	6.501500	2.5258%
1871	0.150021	6.665713	5.9947%
1870	0.141537	7.065301	-1.0968%
1869	0.143106	6.987810	2.1930%
1868	0.140035	7.141050	2.2394%
1867	0.136968	7.300968	2.2935%
1866	0.133897	7.468415	2.3445%
1865	0.130830	7.643510	2.4037%
1864	0.127759	7.827237	2.4599%
1863	0.124692	8.019778	2.5250%
1862	0.121621	8.222278	2.5872%
1861	0.118554	8.435009	2.9504%
1860	0.115156	8.683876	2.4012%
1859	0.112456	8.892396	2.7627%
1858	0.109432	9.138067	2.8412%
1857	0.106409	9.397698	2.9243%
1856	0.103386	9.672514	3.0161%
1855	0.100359	9.964250	3.1061%
1854	0.097335	10.273746	3.2056%

1853	0.094312	10.603084	3.3118%
1852	0.091289	10.954236	3.4252%
1851	0.088266	11.329443	4.0106%
1850	0.084862	11.783822	2.3254%
1849	0.082934	12.057839	2.7841%
1848	0.080687	12.393540	2.8590%
1847	0.078444	12.747873	2.9432%
1846	0.076202	13.123063	3.0324%
1845	0.073959	13.521007	3.1325%
1844	0.071713	13.944553	3.2284%
1843	0.069470	14.394733	3.3361%
1842	0.067227	14.874950	3.4512%
1841	0.064984	15.388313	3.8105%
1840	0.062599	15.974683	2.3861%
1839	0.061140	16.355848	2.5824%
1838	0.059601	16.778220	2.6573%
1837	0.058058	17.224071	2.7232%
1836	0.056519	17.693118	2.7994%
1835	0.054980	18.188426	2.8871%
1834	0.053437	18.713548	2.9657%
1833	0.051898	19.268533	3.0563%
1832	0.050359	19.857442	3.1604%
1831	0.048816	20.485021	3.4660%
1830	0.047181	21.195025	2.4653%
1829	0.046046	21.717546	2.6804%
1828	0.044844	22.299662	10.3427%
1827	0.040640	24.606038	-4.2314%
1826	0.042436	23.564850	2.9150%
1825	0.041234	24.251774	3.0026%
1824	0.040032	24.979949	3.0955%
1823	0.038830	25.753205	3.1944%
1822	0.037628	26.575863	3.3102%
1821	0.036422	27.455575	3.2277%
1820	0.035284	28.341770	2.6573%
1819	0.034370	29.094889	2.6261%
1818	0.033491	29.858952	2.6969%
1817	0.032611	30.664228	2.7717%
1816	0.031732	31.514143	2.8507%
1815	0.030852	32.412515	2.9343%
1814	0.029973	33.363609	3.0231%
1813	0.029093	34.372208	3.1039%
1812	0.028217	35.439086	3.2172%
1811	0.027338	36.579217	3.0969%
1810	0.026517	37.712045	2.9144%
1809	0.025766	38.811117	2.8225%
1808	0.025059	39.906546	2.9199%
1807	0.024348	41.071788	2.9918%
1806	0.023640	42.300568	3.0841%
1805	0.022933	43.605139	3.1822%
1804	0.022226	44.992739	3.2868%
1803	0.021519	46.471553	3.3985%
1802	0.020811	48.050883	3.5180%
1801	0.020104	49.741335	3.3999%

1800	0.019443	51.432514	2.8419%
1799	0.018906	52.894158	2.7485%
1798	0.018400	54.347931	2.8261%
1797	0.017894	55.883875	3.7832%
1796	0.017242	57.998079	2.1272%
1795	0.016883	59.231813	3.0879%
1794	0.016377	61.060855	3.1625%
1793	0.015875	62.991912	3.2904%
1792	0.015369	65.064607	3.4024%
1791	0.014864	67.278344	3.2296%
1790	0.014399	69.451140	41.3145%
1780	0.010189	98.144498	29.4353%
1770	0.007872	127.033640	83.4728%
1750	0.004291	233.072226	29.2845%
1740	0.003319	301.326151	94.2514%
1720	0.001708	585.330249	85.8111%
1700	0.000919	1087.608458	19.2490%
1690	0.000771	1296.962747	88.0250%
1670	0.000410	2438.614495	

BASE YEAR: 1998

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.115668	0.896324	8.2857%
2001	1.030301	0.970590	1.0000%
2000	1.020100	0.980296	1.0000%
1999	1.010000	0.990099	1.0000%
1998	1.000000	1.000000	1.0000%
1997	0.990099	1.010000	1.0000%
1996	0.980296	1.020100	1.0000%
1995	0.970590	1.030301	0.9992%
1994	0.960988	1.040596	1.0008%
1993	0.951466	1.051010	1.0000%
1992	0.942045	1.061520	0.9295%
1991	0.933370	1.071387	1.2505%
1990	0.921842	1.084785	0.7224%
1989	0.915230	1.092622	1.1077%
1988	0.905203	1.104725	0.8834%
1987	0.897277	1.114483	0.5594%
1986	0.892286	1.120717	1.3056%
1985	0.880786	1.135350	0.7673%
1984	0.874079	1.144061	0.8149%
1983	0.867014	1.153385	0.9737%
1982	0.858652	1.164616	0.9508%
1981	0.850565	1.175689	0.9031%
1980	0.842953	1.186306	2.2701%
1979	0.824242	1.213236	1.0042%
1978	0.816047	1.225419	0.9896%
1977	0.808051	1.237546	0.9103%
1976	0.800761	1.248812	0.8394%
1975	0.794095	1.259295	0.9042%
1974	0.786980	1.270681	1.1568%

1973	0.777980	1.285380	0.9427%
1972	0.770714	1.297497	0.7426%
1971	0.765033	1.307133	1.4697%
1970	0.753952	1.326344	0.6968%
1969	0.748735	1.335587	0.8565%
1968	0.742376	1.347027	1.5090%
1967	0.731340	1.367354	0.9949%
1966	0.724135	1.380958	1.0575%
1965	0.716558	1.395561	1.1300%
1964	0.708551	1.411331	1.5537%
1963	0.697711	1.433258	1.4658%
1962	0.687632	1.454267	1.5364%
1961	0.677227	1.476611	2.1586%
1960	0.662917	1.508486	-1.6655%
1959	0.674144	1.483362	4.3080%
1958	0.646302	1.547265	2.1130%
1957	0.632928	1.579958	1.9895%
1956	0.620582	1.611391	2.1231%
1955	0.607680	1.645603	1.4496%
1954	0.598997	1.669458	2.1573%
1953	0.586348	1.705472	1.2298%
1952	0.579225	1.726445	1.6814%
1951	0.569647	1.755473	1.6233%
1950	0.560548	1.783969	1.4265%
1949	0.552664	1.809418	1.7790%
1948	0.543004	1.841609	1.8242%
1947	0.533276	1.875202	-2.6320%
1946	0.547691	1.825846	3.1768%
1945	0.530828	1.883850	6.4754%
1944	0.498545	2.005837	-0.3437%
1943	0.500264	1.998943	0.6562%
1942	0.497003	2.012061	0.6633%
1941	0.493728	2.025407	-5.6614%
1940	0.523357	1.910740	8.0381%
1939	0.484419	2.064327	0.8126%
1938	0.480514	2.081103	0.7762%
1937	0.476813	2.097257	0.6029%
1936	0.473956	2.109901	0.5244%
1935	0.471483	2.120965	-3.0364%
1934	0.486248	2.056565	4.6271%
1933	0.464743	2.151725	1.3921%
1932	0.458363	2.181679	-0.2051%
1931	0.459304	2.177205	0.8886%
1930	0.455259	2.196552	1.0126%
1929	0.450695	2.218794	1.1526%
1928	0.445560	2.244367	1.2160%
1927	0.440207	2.271659	1.4086%
1926	0.434092	2.303657	1.7667%
1925	0.426556	2.344355	1.4465%
1924	0.420474	2.378267	1.7700%
1923	0.413161	2.420361	1.6165%
1922	0.406589	2.459487	1.3736%
1921	0.401079	2.493271	2.3393%

1920	0.391911	2.551597	1.3140%
1919	0.386828	2.585125	0.7676%
1918	0.383882	2.604970	0.3870%
1917	0.382402	2.615050	1.3274%
1916	0.377392	2.649764	1.4083%
1915	0.372151	2.687080	1.4458%
1914	0.366847	2.725930	1.9424%
1913	0.359857	2.778878	1.9857%
1912	0.352851	2.834057	1.5634%
1911	0.347419	2.878365	1.8169%
1910	0.341220	2.930662	1.8781%
1909	0.334930	2.985702	2.0082%
1908	0.328336	3.045662	1.9603%
1907	0.322023	3.105365	1.8264%
1906	0.316248	3.162080	1.9357%
1905	0.310242	3.223287	2.0148%
1904	0.304115	3.288231	2.1335%
1903	0.297762	3.358387	1.8151%
1902	0.292454	3.419346	1.8943%
1901	0.287016	3.484121	3.0255%
1900	0.278588	3.589533	0.6278%
1899	0.276850	3.612069	1.7757%
1898	0.272019	3.676207	1.8078%
1897	0.267189	3.742664	1.8396%
1896	0.262363	3.811514	1.8755%
1895	0.257533	3.883000	1.9114%
1894	0.252703	3.957220	1.9486%
1893	0.247873	4.034331	1.9858%
1892	0.243046	4.114445	2.0276%
1891	0.238216	4.197871	2.6465%
1890	0.232074	4.308968	1.5328%
1889	0.228571	4.375017	2.0811%
1888	0.223911	4.466067	2.1599%
1887	0.219177	4.562527	2.2075%
1886	0.214443	4.663246	2.2592%
1885	0.209705	4.768597	2.3095%
1884	0.204971	4.878730	2.3641%
1883	0.200237	4.994070	2.4214%
1882	0.195504	5.114995	2.4815%
1881	0.190770	5.241923	3.7644%
1880	0.183849	5.439249	0.9432%
1879	0.182131	5.490554	2.1464%
1878	0.178304	5.608402	2.1913%
1877	0.174481	5.731299	2.2426%
1876	0.170653	5.859830	2.2941%
1875	0.166826	5.994258	2.3456%
1874	0.163003	6.134859	2.4043%
1873	0.159176	6.282360	2.4635%
1872	0.155349	6.437129	2.5258%
1871	0.151522	6.599716	5.9947%
1870	0.142952	6.995347	-1.0968%
1869	0.144537	6.918624	2.1930%
1868	0.141436	7.070347	2.2394%

1867	0.138338	7.228681	2.2935%
1866	0.135236	7.394471	2.3445%
1865	0.132138	7.567832	2.4037%
1864	0.129037	7.749740	2.4599%
1863	0.125939	7.940374	2.5250%
1862	0.122837	8.140869	2.5872%
1861	0.119739	8.351494	2.9504%
1860	0.116308	8.597897	2.4012%
1859	0.113580	8.804353	2.7627%
1858	0.110527	9.047591	2.8412%
1857	0.107473	9.304652	2.9243%
1856	0.104420	9.576746	3.0161%
1855	0.101362	9.865594	3.1061%
1854	0.098309	10.172026	3.2056%
1853	0.095255	10.498103	3.3118%
1852	0.092202	10.845778	3.4252%
1851	0.089148	11.217270	4.0106%
1850	0.085711	11.667151	2.3254%
1849	0.083763	11.938455	2.7841%
1848	0.081494	12.270832	2.8590%
1847	0.079229	12.621656	2.9432%
1846	0.076964	12.993131	3.0324%
1845	0.074699	13.387136	3.1325%
1844	0.072430	13.806488	3.2284%
1843	0.070165	14.252211	3.3361%
1842	0.067899	14.727673	3.4512%
1841	0.065634	15.235954	3.8105%
1840	0.063225	15.816518	2.3861%
1839	0.061752	16.193909	2.5824%
1838	0.060197	16.612098	2.6573%
1837	0.058639	17.053536	2.7232%
1836	0.057084	17.517939	2.7994%
1835	0.055530	18.008343	2.8871%
1834	0.053972	18.528266	2.9657%
1833	0.052417	19.077755	3.0563%
1832	0.050863	19.660833	3.1604%
1831	0.049304	20.282199	3.4660%
1830	0.047653	20.985173	2.4653%
1829	0.046506	21.502520	2.6804%
1828	0.045292	22.078873	10.3427%
1827	0.041047	24.362414	-4.2314%
1826	0.042860	23.331535	2.9150%
1825	0.041646	24.011657	3.0026%
1824	0.040432	24.732623	3.0955%
1823	0.039218	25.498223	3.1944%
1822	0.038004	26.312736	3.3102%
1821	0.036787	27.183738	3.2277%
1820	0.035636	28.061158	2.6573%
1819	0.034714	28.806821	2.6261%
1818	0.033826	29.563319	2.6969%
1817	0.032937	30.360621	2.7717%
1816	0.032049	31.202121	2.8507%
1815	0.031161	32.091599	2.9343%

1814	0.030273	33.033277	3.0231%
1813	0.029384	34.031889	3.1039%
1812	0.028500	35.088204	3.2172%
1811	0.027611	36.217047	3.0969%
1810	0.026782	37.338658	2.9144%
1809	0.026023	38.426848	2.8225%
1808	0.025309	39.511432	2.9199%
1807	0.024591	40.665137	2.9918%
1806	0.023877	41.881750	3.0841%
1805	0.023162	43.173405	3.1822%
1804	0.022448	44.547266	3.2868%
1803	0.021734	46.011439	3.3985%
1802	0.021019	47.575131	3.5180%
1801	0.020305	49.248846	3.3999%
1800	0.019637	50.923281	2.8419%
1799	0.019095	52.370454	2.7485%
1798	0.018584	53.809833	2.8261%
1797	0.018073	55.330569	3.7832%
1796	0.017414	57.423841	2.1272%
1795	0.017052	58.645359	3.0879%
1794	0.016541	60.456292	3.1625%
1793	0.016034	62.368229	3.2904%
1792	0.015523	64.420403	3.4024%
1791	0.015012	66.612221	3.2296%
1790	0.014543	68.763505	41.3145%
1780	0.010291	97.172770	29.4353%
1770	0.007951	125.775881	83.4728%
1750	0.004333	230.764580	29.2845%
1740	0.003352	298.342723	94.2514%
1720	0.001726	579.534899	85.8111%
1700	0.000929	1076.840056	19.2490%
1690	0.000779	1284.121530	88.0250%
1670	0.000414	2414.469794	

BASE YEAR: 1997

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.126825	0.887449	8.2857%
2001	1.040604	0.960980	1.0000%
2000	1.030301	0.970590	1.0000%
1999	1.020100	0.980296	1.0000%
1998	1.010000	0.990099	1.0000%
1997	1.000000	1.000000	1.0000%
1996	0.990099	1.010000	1.0000%
1995	0.980296	1.020100	0.9992%
1994	0.970598	1.030293	1.0008%
1993	0.960980	1.040604	1.0000%
1992	0.951466	1.051010	0.9295%
1991	0.942703	1.060779	1.2505%
1990	0.931060	1.074044	0.7224%
1989	0.924382	1.081804	1.1077%
1988	0.914255	1.093787	0.8834%

1987	0.906250	1.103449	0.5594%
1986	0.901209	1.109621	1.3056%
1985	0.889594	1.124109	0.7673%
1984	0.882820	1.132734	0.8149%
1983	0.875684	1.141965	0.9737%
1982	0.867239	1.153085	0.9508%
1981	0.859071	1.164048	0.9031%
1980	0.851382	1.174560	2.2701%
1979	0.832484	1.201224	1.0042%
1978	0.824208	1.213286	0.9896%
1977	0.816131	1.225293	0.9103%
1976	0.808769	1.236447	0.8394%
1975	0.802036	1.246826	0.9042%
1974	0.794849	1.258100	1.1568%
1973	0.785760	1.272653	0.9427%
1972	0.778422	1.284651	0.7426%
1971	0.772683	1.294191	1.4697%
1970	0.761491	1.313212	0.6968%
1969	0.756222	1.322363	0.8565%
1968	0.749800	1.333690	1.5090%
1967	0.738653	1.353816	0.9949%
1966	0.731377	1.367285	1.0575%
1965	0.723723	1.381743	1.1300%
1964	0.715637	1.397357	1.5537%
1963	0.704688	1.419067	1.4658%
1962	0.694508	1.439868	1.5364%
1961	0.683999	1.461991	2.1586%
1960	0.669546	1.493550	-1.6655%
1959	0.680886	1.468675	4.3080%
1958	0.652765	1.531946	2.1130%
1957	0.639257	1.564315	1.9895%
1956	0.626788	1.595437	2.1231%
1955	0.613757	1.629310	1.4496%
1954	0.604987	1.652928	2.1573%
1953	0.592211	1.688586	1.2298%
1952	0.585017	1.709352	1.6814%
1951	0.575343	1.738092	1.6233%
1950	0.566153	1.766306	1.4265%
1949	0.558190	1.791503	1.7790%
1948	0.548434	1.823375	1.8242%
1947	0.538609	1.856636	-2.6320%
1946	0.553168	1.807769	3.1768%
1945	0.536136	1.865198	6.4754%
1944	0.503530	1.985977	-0.3437%
1943	0.505267	1.979152	0.6562%
1942	0.501973	1.992140	0.6633%
1941	0.498665	2.005353	-5.6614%
1940	0.528591	1.891822	8.0381%
1939	0.489263	2.043889	0.8126%
1938	0.485320	2.060498	0.7762%
1937	0.481581	2.076492	0.6029%
1936	0.478695	2.089011	0.5244%
1935	0.476198	2.099966	-3.0364%

1934	0.491110	2.036203	4.6271%
1933	0.469391	2.130421	1.3921%
1932	0.462946	2.160079	-0.2051%
1931	0.463898	2.155649	0.8886%
1930	0.459812	2.174804	1.0126%
1929	0.455202	2.196825	1.1526%
1928	0.450015	2.222146	1.2160%
1927	0.444609	2.249167	1.4086%
1926	0.438433	2.280848	1.7667%
1925	0.430822	2.321144	1.4465%
1924	0.424679	2.354719	1.7700%
1923	0.417293	2.396397	1.6165%
1922	0.410655	2.435135	1.3736%
1921	0.405090	2.468586	2.3393%
1920	0.395831	2.526333	1.3140%
1919	0.390697	2.559530	0.7676%
1918	0.387720	2.579178	0.3870%
1917	0.386226	2.589159	1.3274%
1916	0.381166	2.623528	1.4083%
1915	0.375873	2.660475	1.4458%
1914	0.370516	2.698940	1.9424%
1913	0.363456	2.751364	1.9857%
1912	0.356380	2.805997	1.5634%
1911	0.350894	2.849866	1.8169%
1910	0.344632	2.901646	1.8781%
1909	0.338279	2.956141	2.0082%
1908	0.331619	3.015507	1.9603%
1907	0.325244	3.074619	1.8264%
1906	0.319410	3.130772	1.9357%
1905	0.313345	3.191374	2.0148%
1904	0.307156	3.255675	2.1335%
1903	0.300740	3.325135	1.8151%
1902	0.295378	3.385491	1.8943%
1901	0.289887	3.449624	3.0255%
1900	0.281374	3.553993	0.6278%
1899	0.279618	3.576306	1.7757%
1898	0.274740	3.639809	1.8078%
1897	0.269861	3.705608	1.8396%
1896	0.264987	3.773776	1.8755%
1895	0.260108	3.844555	1.9114%
1894	0.255230	3.918039	1.9486%
1893	0.250351	3.994387	1.9858%
1892	0.245477	4.073708	2.0276%
1891	0.240598	4.156308	2.6465%
1890	0.234395	4.266305	1.5328%
1889	0.230856	4.331700	2.0811%
1888	0.226150	4.421848	2.1599%
1887	0.221369	4.517354	2.2075%
1886	0.216587	4.617076	2.2592%
1885	0.211802	4.721383	2.3095%
1884	0.207021	4.830425	2.3641%
1883	0.202240	4.944623	2.4214%
1882	0.197459	5.064352	2.4815%

1881	0.192677	5.190022	3.7644%
1880	0.185687	5.385395	0.9432%
1879	0.183952	5.436192	2.1464%
1878	0.180087	5.552874	2.1913%
1877	0.176225	5.674554	2.2426%
1876	0.172360	5.801812	2.2941%
1875	0.168495	5.934908	2.3456%
1874	0.164633	6.074117	2.4043%
1873	0.160768	6.220158	2.4635%
1872	0.156902	6.373395	2.5258%
1871	0.153037	6.534372	5.9947%
1870	0.144382	6.926087	-1.0968%
1869	0.145983	6.850122	2.1930%
1868	0.142850	7.000344	2.2394%
1867	0.139721	7.157110	2.2935%
1866	0.136589	7.321258	2.3445%
1865	0.133460	7.492903	2.4037%
1864	0.130327	7.673009	2.4599%
1863	0.127198	7.861757	2.5250%
1862	0.124065	8.060267	2.5872%
1861	0.120936	8.268806	2.9504%
1860	0.117471	8.512769	2.4012%
1859	0.114716	8.717181	2.7627%
1858	0.111632	8.958011	2.8412%
1857	0.108548	9.212526	2.9243%
1856	0.105464	9.481927	3.0161%
1855	0.102376	9.767915	3.1061%
1854	0.099292	10.071312	3.2056%
1853	0.096208	10.394161	3.3118%
1852	0.093124	10.738394	3.4252%
1851	0.090040	11.106208	4.0106%
1850	0.086568	11.551634	2.3254%
1849	0.084601	11.820252	2.7841%
1848	0.082309	12.149338	2.8590%
1847	0.080021	12.496689	2.9432%
1846	0.077733	12.864486	3.0324%
1845	0.075446	13.254590	3.1325%
1844	0.073154	13.669790	3.2284%
1843	0.070866	14.111100	3.3361%
1842	0.068578	14.581855	3.4512%
1841	0.066291	15.085103	3.8105%
1840	0.063857	15.659919	2.3861%
1839	0.062369	16.033573	2.5824%
1838	0.060799	16.447622	2.6573%
1837	0.059225	16.884689	2.7232%
1836	0.057655	17.344494	2.7994%
1835	0.056085	17.830043	2.8871%
1834	0.054511	18.344818	2.9657%
1833	0.052941	18.888867	3.0563%
1832	0.051371	19.466172	3.1604%
1831	0.049797	20.081385	3.4660%
1830	0.048129	20.777399	2.4653%
1829	0.046971	21.289624	2.6804%

1828	0.045745	21.860270	10.3427%
1827	0.041457	24.121202	-4.2314%
1826	0.043289	23.100529	2.9150%
1825	0.042063	23.773918	3.0026%
1824	0.040837	24.487745	3.0955%
1823	0.039611	25.245765	3.1944%
1822	0.038384	26.052214	3.3102%
1821	0.037155	26.914592	3.2277%
1820	0.035993	27.783325	2.6573%
1819	0.035061	28.521605	2.6261%
1818	0.034164	29.270613	2.6969%
1817	0.033267	30.060021	2.7717%
1816	0.032370	30.893190	2.8507%
1815	0.031472	31.773860	2.9343%
1814	0.030575	32.706215	3.0231%
1813	0.029678	33.694940	3.1039%
1812	0.028785	34.740796	3.2172%
1811	0.027887	35.858462	3.0969%
1810	0.027050	36.968969	2.9144%
1809	0.026284	38.046384	2.8225%
1808	0.025562	39.120229	2.9199%
1807	0.024837	40.262512	2.9918%
1806	0.024116	41.467079	3.0841%
1805	0.023394	42.745946	3.1822%
1804	0.022673	44.106204	3.2868%
1803	0.021951	45.555880	3.3985%
1802	0.021230	47.104090	3.5180%
1801	0.020508	48.761234	3.3999%
1800	0.019834	50.419090	2.8419%
1799	0.019286	51.851934	2.7485%
1798	0.018770	53.277062	2.8261%
1797	0.018254	54.782742	3.7832%
1796	0.017589	56.855288	2.1272%
1795	0.017222	58.064712	3.0879%
1794	0.016706	59.857715	3.1625%
1793	0.016194	61.750722	3.2904%
1792	0.015678	63.782577	3.4024%
1791	0.015162	65.952695	3.2296%
1790	0.014688	68.082679	41.3145%
1780	0.010394	96.210664	29.4353%
1770	0.008030	124.530575	83.4728%
1750	0.004377	228.479782	29.2845%
1740	0.003385	295.388835	94.2514%
1720	0.001743	573.796931	85.8111%
1700	0.000938	1066.178274	19.2490%
1690	0.000787	1271.407457	88.0250%
1670	0.000418	2390.564155	

BASE YEAR: 1996

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.138093 0.878663 8.2857%

2001	1.051010	0.951466	1.0000%
2000	1.040604	0.960980	1.0000%
1999	1.030301	0.970590	1.0000%
1998	1.020100	0.980296	1.0000%
1997	1.010000	0.990099	1.0000%
1996	1.000000	1.000000	1.0000%
1995	0.990099	1.010000	0.9992%
1994	0.980304	1.020092	1.0008%
1993	0.970590	1.030301	1.0000%
1992	0.960980	1.040604	0.9295%
1991	0.952130	1.050276	1.2505%
1990	0.940371	1.063410	0.7224%
1989	0.933626	1.071093	1.1077%
1988	0.923398	1.082957	0.8834%
1987	0.915312	1.092524	0.5594%
1986	0.910221	1.098635	1.3056%
1985	0.898490	1.112979	0.7673%
1984	0.891648	1.121519	0.8149%
1983	0.884441	1.130658	0.9737%
1982	0.875911	1.141668	0.9508%
1981	0.867662	1.152523	0.9031%
1980	0.859896	1.162931	2.2701%
1979	0.840809	1.189330	1.0042%
1978	0.832450	1.201273	0.9896%
1977	0.824293	1.213161	0.9103%
1976	0.816857	1.224205	0.8394%
1975	0.810057	1.234482	0.9042%
1974	0.802798	1.245644	1.1568%
1973	0.793617	1.260053	0.9427%
1972	0.786206	1.271932	0.7426%
1971	0.780410	1.281377	1.4697%
1970	0.769106	1.300210	0.6968%
1969	0.763784	1.309270	0.8565%
1968	0.757298	1.320485	1.5090%
1967	0.746040	1.340411	0.9949%
1966	0.738690	1.353747	1.0575%
1965	0.730961	1.368063	1.1300%
1964	0.722793	1.383522	1.5537%
1963	0.711735	1.405017	1.4658%
1962	0.701453	1.425612	1.5364%
1961	0.690839	1.447516	2.1586%
1960	0.676241	1.478762	-1.6655%
1959	0.687695	1.454134	4.3080%
1958	0.659292	1.516778	2.1130%
1957	0.645650	1.548827	1.9895%
1956	0.633055	1.579641	2.1231%
1955	0.619894	1.613178	1.4496%
1954	0.611037	1.636563	2.1573%
1953	0.598134	1.671867	1.2298%
1952	0.590867	1.692427	1.6814%
1951	0.581097	1.720883	1.6233%
1950	0.571815	1.748818	1.4265%
1949	0.563772	1.773766	1.7790%

1948	0.553918	1.805322	1.8242%
1947	0.543995	1.838254	-2.6320%
1946	0.558700	1.789870	3.1768%
1945	0.541497	1.846731	6.4754%
1944	0.508566	1.966314	-0.3437%
1943	0.510320	1.959556	0.6562%
1942	0.506993	1.972415	0.6633%
1941	0.503652	1.985499	-5.6614%
1940	0.533877	1.873091	8.0381%
1939	0.494156	2.023652	0.8126%
1938	0.490173	2.040097	0.7762%
1937	0.486397	2.055933	0.6029%
1936	0.483482	2.068328	0.5244%
1935	0.480960	2.079174	-3.0364%
1934	0.496021	2.016043	4.6271%
1933	0.474085	2.109327	1.3921%
1932	0.467576	2.138692	-0.2051%
1931	0.468536	2.134305	0.8886%
1930	0.464410	2.153271	1.0126%
1929	0.459754	2.175075	1.1526%
1928	0.454516	2.200144	1.2160%
1927	0.449055	2.226898	1.4086%
1926	0.442818	2.258266	1.7667%
1925	0.435130	2.298162	1.4465%
1924	0.428926	2.331405	1.7700%
1923	0.421466	2.372671	1.6165%
1922	0.414761	2.411025	1.3736%
1921	0.409141	2.444144	2.3393%
1920	0.399789	2.501320	1.3140%
1919	0.394604	2.534188	0.7676%
1918	0.391598	2.553641	0.3870%
1917	0.390088	2.563524	1.3274%
1916	0.384978	2.597553	1.4083%
1915	0.379631	2.634134	1.4458%
1914	0.374221	2.672218	1.9424%
1913	0.367091	2.724123	1.9857%
1912	0.359943	2.778215	1.5634%
1911	0.354403	2.821650	1.8169%
1910	0.348078	2.872917	1.8781%
1909	0.341662	2.926872	2.0082%
1908	0.334935	2.985651	1.9603%
1907	0.328496	3.044177	1.8264%
1906	0.322604	3.099774	1.9357%
1905	0.316478	3.159776	2.0148%
1904	0.310228	3.223440	2.1335%
1903	0.303747	3.292213	1.8151%
1902	0.298332	3.351972	1.8943%
1901	0.292785	3.415470	3.0255%
1900	0.284187	3.518805	0.6278%
1899	0.282414	3.540897	1.7757%
1898	0.277487	3.603771	1.8078%
1897	0.272560	3.668919	1.8396%
1896	0.267636	3.736412	1.8755%

1895	0.262709	3.806490	1.9114%
1894	0.257782	3.879247	1.9486%
1893	0.252855	3.954839	1.9858%
1892	0.247931	4.033375	2.0276%
1891	0.243004	4.115156	2.6465%
1890	0.236739	4.224065	1.5328%
1889	0.233165	4.288812	2.0811%
1888	0.228411	4.378068	2.1599%
1887	0.223582	4.472627	2.2075%
1886	0.218753	4.571362	2.2592%
1885	0.213920	4.674637	2.3095%
1884	0.209091	4.782599	2.3641%
1883	0.204262	4.895667	2.4214%
1882	0.199433	5.014210	2.4815%
1881	0.194604	5.138636	3.7644%
1880	0.187544	5.332075	0.9432%
1879	0.185792	5.382368	2.1464%
1878	0.181888	5.497895	2.1913%
1877	0.177988	5.618370	2.2426%
1876	0.174084	5.744368	2.2941%
1875	0.170180	5.876147	2.3456%
1874	0.166279	6.013978	2.4043%
1873	0.162375	6.158573	2.4635%
1872	0.158471	6.310292	2.5258%
1871	0.154567	6.469675	5.9947%
1870	0.145825	6.857511	-1.0968%
1869	0.147443	6.782299	2.1930%
1868	0.144279	6.931033	2.2394%
1867	0.141118	7.086247	2.2935%
1866	0.137954	7.248770	2.3445%
1865	0.134794	7.418716	2.4037%
1864	0.131630	7.597039	2.4599%
1863	0.128470	7.783917	2.5250%
1862	0.125306	7.980462	2.5872%
1861	0.122146	8.186936	2.9504%
1860	0.118645	8.428484	2.4012%
1859	0.115863	8.630872	2.7627%
1858	0.112748	8.869318	2.8412%
1857	0.109633	9.121313	2.9243%
1856	0.106518	9.388047	3.0161%
1855	0.103400	9.671203	3.1061%
1854	0.100285	9.971596	3.2056%
1853	0.097170	10.291249	3.3118%
1852	0.094055	10.632073	3.4252%
1851	0.090940	10.996246	4.0106%
1850	0.087434	11.437262	2.3254%
1849	0.085447	11.703220	2.7841%
1848	0.083132	12.029048	2.8590%
1847	0.080821	12.372960	2.9432%
1846	0.078511	12.737115	3.0324%
1845	0.076200	13.123356	3.1325%
1844	0.073886	13.534446	3.2284%
1843	0.071575	13.971386	3.3361%

1842	0.069264	14.437480	3.4512%
1841	0.066953	14.935745	3.8105%
1840	0.064496	15.504870	2.3861%
1839	0.062993	15.874825	2.5824%
1838	0.061407	16.284775	2.6573%
1837	0.059818	16.717514	2.7232%
1836	0.058232	17.172766	2.7994%
1835	0.056646	17.653507	2.8871%
1834	0.055056	18.163186	2.9657%
1833	0.053471	18.701848	3.0563%
1832	0.051885	19.273437	3.1604%
1831	0.050295	19.882559	3.4660%
1830	0.048611	20.571682	2.4653%
1829	0.047441	21.078836	2.6804%
1828	0.046203	21.643832	10.3427%
1827	0.041872	23.882378	-4.2314%
1826	0.043722	22.871811	2.9150%
1825	0.042484	23.538533	3.0026%
1824	0.041245	24.245292	3.0955%
1823	0.040007	24.995807	3.1944%
1822	0.038768	25.794271	3.3102%
1821	0.037526	26.648111	3.2277%
1820	0.036353	27.508242	2.6573%
1819	0.035412	28.239212	2.6261%
1818	0.034506	28.980805	2.6969%
1817	0.033599	29.762397	2.7717%
1816	0.032693	30.587316	2.8507%
1815	0.031787	31.459267	2.9343%
1814	0.030881	32.382391	3.0231%
1813	0.029975	33.361327	3.1039%
1812	0.029072	34.396828	3.2172%
1811	0.028166	35.503428	3.0969%
1810	0.027320	36.602939	2.9144%
1809	0.026547	37.669688	2.8225%
1808	0.025818	38.732900	2.9199%
1807	0.025085	39.863873	2.9918%
1806	0.024357	41.056514	3.0841%
1805	0.023628	42.322719	3.1822%
1804	0.022899	43.669509	3.2868%
1803	0.022171	45.104832	3.3985%
1802	0.021442	46.637713	3.5180%
1801	0.020713	48.278449	3.3999%
1800	0.020032	49.919891	2.8419%
1799	0.019479	51.338549	2.7485%
1798	0.018958	52.749566	2.8261%
1797	0.018436	54.240339	3.7832%
1796	0.017764	56.292364	2.1272%
1795	0.017394	57.489814	3.0879%
1794	0.016873	59.265064	3.1625%
1793	0.016356	61.139329	3.2904%
1792	0.015835	63.151067	3.4024%
1791	0.015314	65.299697	3.2296%
1790	0.014835	67.408593	41.3145%

1780	0.010498	95.258083	29.4353%
1770	0.008110	123.297599	83.4728%
1750	0.004421	226.217606	29.2845%
1740	0.003419	292.464193	94.2514%
1720	0.001760	568.115772	85.8111%
1700	0.000947	1055.622053	19.2490%
1690	0.000794	1258.819263	88.0250%
1670	0.000422	2366.895201	

BASE YEAR: 1995

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.149474	0.869963	8.2857%
2001	1.061520	0.942045	1.0000%
2000	1.051010	0.951466	1.0000%
1999	1.040604	0.960980	1.0000%
1998	1.030301	0.970590	1.0000%
1997	1.020100	0.980296	1.0000%
1996	1.010000	0.990099	1.0000%
1995	1.000000	1.000000	0.9992%
1994	0.990107	1.009992	1.0008%
1993	0.980296	1.020100	1.0000%
1992	0.970590	1.030301	0.9295%
1991	0.961652	1.039878	1.2505%
1990	0.949774	1.052882	0.7224%
1989	0.942962	1.060488	1.1077%
1988	0.932632	1.072235	0.8834%
1987	0.924465	1.081707	0.5594%
1986	0.919323	1.087757	1.3056%
1985	0.907475	1.101959	0.7673%
1984	0.900565	1.110414	0.8149%
1983	0.893285	1.119464	0.9737%
1982	0.884670	1.130364	0.9508%
1981	0.876338	1.141112	0.9031%
1980	0.868495	1.151417	2.2701%
1979	0.849217	1.177555	1.0042%
1978	0.840774	1.189380	0.9896%
1977	0.832536	1.201150	0.9103%
1976	0.825025	1.212084	0.8394%
1975	0.818157	1.222259	0.9042%
1974	0.810826	1.233310	1.1568%
1973	0.801554	1.247577	0.9427%
1972	0.794068	1.259338	0.7426%
1971	0.788214	1.268690	1.4697%
1970	0.776797	1.287337	0.6968%
1969	0.771422	1.296307	0.8565%
1968	0.764871	1.307411	1.5090%
1967	0.753500	1.327140	0.9949%
1966	0.746077	1.340344	1.0575%
1965	0.738270	1.354518	1.1300%
1964	0.730021	1.369824	1.5537%
1963	0.718852	1.391106	1.4658%

1962	0.708468	1.411497	1.5364%
1961	0.697747	1.433184	2.1586%
1960	0.683004	1.464121	-1.6655%
1959	0.694572	1.439736	4.3080%
1958	0.665885	1.501760	2.1130%
1957	0.652106	1.533492	1.9895%
1956	0.639386	1.564001	2.1231%
1955	0.626093	1.597206	1.4496%
1954	0.617147	1.620359	2.1573%
1953	0.604115	1.655314	1.2298%
1952	0.596776	1.675671	1.6814%
1951	0.586908	1.703845	1.6233%
1950	0.577533	1.731503	1.4265%
1949	0.569410	1.756204	1.7790%
1948	0.559457	1.787447	1.8242%
1947	0.549435	1.820053	-2.6320%
1946	0.564287	1.772149	3.1768%
1945	0.546912	1.828446	6.4754%
1944	0.513651	1.946846	-0.3437%
1943	0.515423	1.940155	0.6562%
1942	0.512063	1.952887	0.6633%
1941	0.508688	1.965840	-5.6614%
1940	0.539216	1.854545	8.0381%
1939	0.499098	2.003616	0.8126%
1938	0.495075	2.019898	0.7762%
1937	0.491261	2.035577	0.6029%
1936	0.488317	2.047849	0.5244%
1935	0.485770	2.058588	-3.0364%
1934	0.500981	1.996082	4.6271%
1933	0.478826	2.088443	1.3921%
1932	0.472251	2.117516	-0.2051%
1931	0.473222	2.113174	0.8886%
1930	0.469054	2.131951	1.0126%
1929	0.464352	2.153539	1.1526%
1928	0.459061	2.178361	1.2160%
1927	0.453546	2.204850	1.4086%
1926	0.447246	2.235907	1.7667%
1925	0.439482	2.275408	1.4465%
1924	0.433215	2.308322	1.7700%
1923	0.425681	2.349179	1.6165%
1922	0.418909	2.387154	1.3736%
1921	0.413233	2.419945	2.3393%
1920	0.403787	2.476555	1.3140%
1919	0.398550	2.509097	0.7676%
1918	0.395514	2.528358	0.3870%
1917	0.393989	2.538142	1.3274%
1916	0.388828	2.571834	1.4083%
1915	0.383428	2.608053	1.4458%
1914	0.377963	2.645761	1.9424%
1913	0.370762	2.697151	1.9857%
1912	0.363543	2.750708	1.5634%
1911	0.357947	2.793713	1.8169%
1910	0.351559	2.844472	1.8781%

1909	0.345078	2.897893	2.0082%
1908	0.338285	2.956090	1.9603%
1907	0.331781	3.014037	1.8264%
1906	0.325830	3.069084	1.9357%
1905	0.319643	3.128491	2.0148%
1904	0.313330	3.191525	2.1335%
1903	0.306785	3.259617	1.8151%
1902	0.301315	3.318784	1.8943%
1901	0.295713	3.381653	3.0255%
1900	0.287029	3.483965	0.6278%
1899	0.285238	3.505839	1.7757%
1898	0.280262	3.568090	1.8078%
1897	0.275285	3.632593	1.8396%
1896	0.270313	3.699418	1.8755%
1895	0.265336	3.768802	1.9114%
1894	0.260360	3.840838	1.9486%
1893	0.255383	3.915682	1.9858%
1892	0.250411	3.993440	2.0276%
1891	0.245434	4.074412	2.6465%
1890	0.239106	4.182242	1.5328%
1889	0.235496	4.246348	2.0811%
1888	0.230695	4.334720	2.1599%
1887	0.225818	4.428344	2.2075%
1886	0.220941	4.526101	2.2592%
1885	0.216060	4.628353	2.3095%
1884	0.211182	4.735247	2.3641%
1883	0.206305	4.847195	2.4214%
1882	0.201428	4.964564	2.4815%
1881	0.196550	5.087758	3.7644%
1880	0.189420	5.279282	0.9432%
1879	0.187650	5.329077	2.1464%
1878	0.183707	5.443460	2.1913%
1877	0.179767	5.562742	2.2426%
1876	0.175824	5.687493	2.2941%
1875	0.171881	5.817967	2.3456%
1874	0.167942	5.954433	2.4043%
1873	0.163999	6.097597	2.4635%
1872	0.160056	6.247814	2.5258%
1871	0.156113	6.405619	5.9947%
1870	0.147284	6.789615	-1.0968%
1869	0.148917	6.715148	2.1930%
1868	0.145721	6.862409	2.2394%
1867	0.142530	7.016086	2.2935%
1866	0.139334	7.177000	2.3445%
1865	0.136142	7.345263	2.4037%
1864	0.132947	7.521821	2.4599%
1863	0.129755	7.706849	2.5250%
1862	0.126559	7.901448	2.5872%
1861	0.123367	8.105877	2.9504%
1860	0.119832	8.345034	2.4012%
1859	0.117022	8.545418	2.7627%
1858	0.113876	8.781503	2.8412%
1857	0.110730	9.031003	2.9243%

1856	0.107584	9.295096	3.0161%
1855	0.104434	9.575449	3.1061%
1854	0.101288	9.872868	3.2056%
1853	0.098142	10.189355	3.3118%
1852	0.094996	10.526805	3.4252%
1851	0.091850	10.887372	4.0106%
1850	0.088308	11.324021	2.3254%
1849	0.086301	11.587347	2.7841%
1848	0.083963	11.909948	2.8590%
1847	0.081630	12.250455	2.9432%
1846	0.079296	12.611005	3.0324%
1845	0.076962	12.993422	3.1325%
1844	0.074624	13.400442	3.2284%
1843	0.072291	13.833056	3.3361%
1842	0.069957	14.294535	3.4512%
1841	0.067623	14.787867	3.8105%
1840	0.065141	15.351357	2.3861%
1839	0.063623	15.717648	2.5824%
1838	0.062021	16.123539	2.6573%
1837	0.060416	16.551994	2.7232%
1836	0.058814	17.002739	2.7994%
1835	0.057212	17.478720	2.8871%
1834	0.055607	17.983352	2.9657%
1833	0.054005	18.516681	3.0563%
1832	0.052404	19.082611	3.1604%
1831	0.050798	19.685702	3.4660%
1830	0.049097	20.368002	2.4653%
1829	0.047915	20.870135	2.6804%
1828	0.046665	21.429537	10.3427%
1827	0.042291	23.645919	-4.2314%
1826	0.044159	22.645358	2.9150%
1825	0.042908	23.305478	3.0026%
1824	0.041658	24.005240	3.0955%
1823	0.040407	24.748324	3.1944%
1822	0.039156	25.538882	3.3102%
1821	0.037901	26.384268	3.2277%
1820	0.036716	27.235883	2.6573%
1819	0.035766	27.959616	2.6261%
1818	0.034851	28.693866	2.6969%
1817	0.033935	29.467720	2.7717%
1816	0.033020	30.284472	2.8507%
1815	0.032105	31.147790	2.9343%
1814	0.031190	32.061773	3.0231%
1813	0.030275	33.031017	3.1039%
1812	0.029363	34.056265	3.2172%
1811	0.028448	35.151909	3.0969%
1810	0.027593	36.240534	2.9144%
1809	0.026812	37.296720	2.8225%
1808	0.026076	38.349406	2.9199%
1807	0.025336	39.469181	2.9918%
1806	0.024600	40.650014	3.0841%
1805	0.023864	41.903682	3.1822%
1804	0.023128	43.237138	3.2868%

1803	0.022392	44.658249	3.3985%
1802	0.021656	46.175954	3.5180%
1801	0.020920	47.800445	3.3999%
1800	0.020232	49.425635	2.8419%
1799	0.019673	50.830246	2.7485%
1798	0.019147	52.227293	2.8261%
1797	0.018621	53.703305	3.7832%
1796	0.017942	55.735014	2.1272%
1795	0.017568	56.920608	3.0879%
1794	0.017042	58.678281	3.1625%
1793	0.016520	60.533989	3.2904%
1792	0.015993	62.525808	3.4024%
1791	0.015467	64.653166	3.2296%
1790	0.014983	66.741181	41.3145%
1780	0.010603	94.314933	29.4353%
1770	0.008192	122.076831	83.4728%
1750	0.004465	223.977827	29.2845%
1740	0.003453	289.568507	94.2514%
1720	0.001778	562.490862	85.8111%
1700	0.000957	1045.170347	19.2490%
1690	0.000802	1246.355703	88.0250%
1670	0.000427	2343.460590	

BASE YEAR: 1994

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.160960	0.861356	8.2857%
2001	1.072127	0.932725	1.0000%
2000	1.061512	0.942052	1.0000%
1999	1.051002	0.951473	1.0000%
1998	1.040596	0.960988	1.0000%
1997	1.030293	0.970598	1.0000%
1996	1.020092	0.980304	1.0000%
1995	1.009992	0.990107	0.9992%
1994	1.000000	1.000000	1.0008%
1993	0.990091	1.010008	1.0000%
1992	0.980288	1.020108	0.9295%
1991	0.971261	1.029590	1.2505%
1990	0.959265	1.042465	0.7224%
1989	0.952384	1.049996	1.1077%
1988	0.941951	1.061627	0.8834%
1987	0.933703	1.071005	0.5594%
1986	0.928509	1.076996	1.3056%
1985	0.916542	1.091057	0.7673%
1984	0.909563	1.099429	0.8149%
1983	0.902211	1.108388	0.9737%
1982	0.893510	1.119181	0.9508%
1981	0.885095	1.129823	0.9031%
1980	0.877173	1.140026	2.2701%
1979	0.857703	1.165905	1.0042%
1978	0.849176	1.177613	0.9896%
1977	0.840854	1.189266	0.9103%

1976	0.833269	1.200093	0.8394%
1975	0.826332	1.210167	0.9042%
1974	0.818928	1.221109	1.1568%
1973	0.809563	1.235234	0.9427%
1972	0.802002	1.246879	0.7426%
1971	0.796090	1.256139	1.4697%
1970	0.784559	1.274601	0.6968%
1969	0.779130	1.283482	0.8565%
1968	0.772513	1.294476	1.5090%
1967	0.761029	1.314010	0.9949%
1966	0.753532	1.327083	1.0575%
1965	0.745647	1.341117	1.1300%
1964	0.737315	1.356272	1.5537%
1963	0.726035	1.377343	1.4658%
1962	0.715547	1.397533	1.5364%
1961	0.704719	1.419005	2.1586%
1960	0.689828	1.449636	-1.6655%
1959	0.701512	1.425493	4.3080%
1958	0.672539	1.486903	2.1130%
1957	0.658622	1.518320	1.9895%
1956	0.645775	1.548527	2.1231%
1955	0.632349	1.581404	1.4496%
1954	0.623314	1.604328	2.1573%
1953	0.610151	1.638938	1.2298%
1952	0.602739	1.659093	1.6814%
1951	0.592772	1.686988	1.6233%
1950	0.583304	1.714373	1.4265%
1949	0.575100	1.738829	1.7790%
1948	0.565047	1.769763	1.8242%
1947	0.554925	1.802047	-2.6320%
1946	0.569925	1.754616	3.1768%
1945	0.552377	1.810357	6.4754%
1944	0.518784	1.927585	-0.3437%
1943	0.520573	1.920960	0.6562%
1942	0.517179	1.933566	0.6633%
1941	0.513771	1.946391	-5.6614%
1940	0.544604	1.836198	8.0381%
1939	0.504085	1.983793	0.8126%
1938	0.500021	1.999914	0.7762%
1937	0.496170	2.015439	0.6029%
1936	0.493197	2.027589	0.5244%
1935	0.490624	2.038222	-3.0364%
1934	0.505987	1.976334	4.6271%
1933	0.483610	2.067781	1.3921%
1932	0.476970	2.096567	-0.2051%
1931	0.477950	2.092267	0.8886%
1930	0.473741	2.110859	1.0126%
1929	0.468992	2.132233	1.1526%
1928	0.463648	2.156809	1.2160%
1927	0.458078	2.183036	1.4086%
1926	0.451715	2.213786	1.7667%
1925	0.443873	2.252897	1.4465%
1924	0.437544	2.285485	1.7700%

1923	0.429934	2.325937	1.6165%
1922	0.423095	2.363537	1.3736%
1921	0.417362	2.396003	2.3393%
1920	0.407821	2.452053	1.3140%
1919	0.402532	2.484273	0.7676%
1918	0.399466	2.503344	0.3870%
1917	0.397926	2.513031	1.3274%
1916	0.392713	2.546390	1.4083%
1915	0.387259	2.582251	1.4458%
1914	0.381740	2.619585	1.9424%
1913	0.374466	2.670467	1.9857%
1912	0.367175	2.723494	1.5634%
1911	0.361523	2.766073	1.8169%
1910	0.355072	2.816331	1.8781%
1909	0.348526	2.869223	2.0082%
1908	0.341665	2.926844	1.9603%
1907	0.335096	2.984218	1.8264%
1906	0.329086	3.038720	1.9357%
1905	0.322837	3.097540	2.0148%
1904	0.316461	3.159950	2.1335%
1903	0.309850	3.227368	1.8151%
1902	0.304326	3.285950	1.8943%
1901	0.298668	3.348197	3.0255%
1900	0.289897	3.449497	0.6278%
1899	0.288089	3.471154	1.7757%
1898	0.283062	3.532790	1.8078%
1897	0.278036	3.596654	1.8396%
1896	0.273014	3.662818	1.8755%
1895	0.267988	3.731516	1.9114%
1894	0.262961	3.802840	1.9486%
1893	0.257935	3.876943	1.9858%
1892	0.252913	3.953932	2.0276%
1891	0.247887	4.034103	2.6465%
1890	0.241495	4.140866	1.5328%
1889	0.237850	4.204338	2.0811%
1888	0.233001	4.291835	2.1599%
1887	0.228074	4.384533	2.2075%
1886	0.223148	4.481323	2.2592%
1885	0.218218	4.582563	2.3095%
1884	0.213292	4.688399	2.3641%
1883	0.208366	4.799240	2.4214%
1882	0.203440	4.915448	2.4815%
1881	0.198514	5.037423	3.7644%
1880	0.191312	5.227052	0.9432%
1879	0.189525	5.276355	2.1464%
1878	0.185542	5.389606	2.1913%
1877	0.181564	5.507708	2.2426%
1876	0.177581	5.631225	2.2941%
1875	0.173599	5.760408	2.3456%
1874	0.169620	5.895524	2.4043%
1873	0.165638	6.037271	2.4635%
1872	0.161655	6.186002	2.5258%
1871	0.157673	6.342246	5.9947%

1870	0.148755	6.722443	-1.0968%
1869	0.150405	6.648713	2.1930%
1868	0.147177	6.794517	2.2394%
1867	0.143954	6.946674	2.2935%
1866	0.140726	7.105996	2.3445%
1865	0.137503	7.272594	2.4037%
1864	0.134275	7.447405	2.4599%
1863	0.131051	7.630602	2.5250%
1862	0.127824	7.823276	2.5872%
1861	0.124600	8.025683	2.9504%
1860	0.121029	8.262473	2.4012%
1859	0.118191	8.460875	2.7627%
1858	0.115014	8.694624	2.8412%
1857	0.111836	8.941656	2.9243%
1856	0.108659	9.203136	3.0161%
1855	0.105477	9.480715	3.1061%
1854	0.102300	9.775192	3.2056%
1853	0.099122	10.088548	3.3118%
1852	0.095945	10.422660	3.4252%
1851	0.092767	10.779659	4.0106%
1850	0.089190	11.211989	2.3254%
1849	0.087163	11.472709	2.7841%
1848	0.084802	11.792119	2.8590%
1847	0.082445	12.129257	2.9432%
1846	0.080088	12.486240	3.0324%
1845	0.077731	12.864873	3.1325%
1844	0.075370	13.267866	3.2284%
1843	0.073013	13.696200	3.3361%
1842	0.070656	14.153114	3.4512%
1841	0.068299	14.641565	3.8105%
1840	0.065792	15.199480	2.3861%
1839	0.064258	15.562148	2.5824%
1838	0.062641	15.964023	2.6573%
1837	0.061019	16.388239	2.7232%
1836	0.059402	16.834525	2.7994%
1835	0.057784	17.305797	2.8871%
1834	0.056163	17.805436	2.9657%
1833	0.054545	18.333489	3.0563%
1832	0.052927	18.893820	3.1604%
1831	0.051306	19.490945	3.4660%
1830	0.049587	20.166494	2.4653%
1829	0.048394	20.663659	2.6804%
1828	0.047131	21.217527	10.3427%
1827	0.042713	23.411981	-4.2314%
1826	0.044600	22.421319	2.9150%
1825	0.043337	23.074909	3.0026%
1824	0.042074	23.767747	3.0955%
1823	0.040811	24.503480	3.1944%
1822	0.039547	25.286217	3.3102%
1821	0.038280	26.123239	3.2277%
1820	0.037083	26.966429	2.6573%
1819	0.036123	27.683002	2.6261%
1818	0.035199	28.409987	2.6969%

1817	0.034275	29.176185	2.7717%
1816	0.033350	29.984856	2.8507%
1815	0.032426	30.839633	2.9343%
1814	0.031501	31.744574	3.0231%
1813	0.030577	32.704229	3.1039%
1812	0.029657	33.719334	3.2172%
1811	0.028732	34.804138	3.0969%
1810	0.027869	35.881993	2.9144%
1809	0.027080	36.927730	2.8225%
1808	0.026337	37.970002	2.9199%
1807	0.025589	39.078698	2.9918%
1806	0.024846	40.247849	3.0841%
1805	0.024103	41.489113	3.1822%
1804	0.023359	42.809377	3.2868%
1803	0.022616	44.216429	3.3985%
1802	0.021873	45.719118	3.5180%
1801	0.021129	47.327538	3.3999%
1800	0.020435	48.936649	2.8419%
1799	0.019870	50.327364	2.7485%
1798	0.019338	51.710590	2.8261%
1797	0.018807	53.171999	3.7832%
1796	0.018121	55.183607	2.1272%
1795	0.017744	56.357472	3.0879%
1794	0.017212	58.097756	3.1625%
1793	0.016685	59.935104	3.2904%
1792	0.016153	61.907218	3.4024%
1791	0.015622	64.013529	3.2296%
1790	0.015133	66.080886	41.3145%
1780	0.010709	93.381841	29.4353%
1770	0.008273	120.869081	83.4728%
1750	0.004509	221.761934	29.2845%
1740	0.003488	286.703701	94.2514%
1720	0.001796	556.925937	85.8111%
1700	0.000966	1034.830100	19.2490%
1690	0.000810	1234.025057	88.0250%
1670	0.000431	2320.275889	

BASE YEAR: 1993

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.172579	0.852821	8.2857%
2001	1.082857	0.923483	1.0000%
2000	1.072135	0.932718	1.0000%
1999	1.061520	0.942045	1.0000%
1998	1.051010	0.951466	1.0000%
1997	1.040604	0.960980	1.0000%
1996	1.030301	0.970590	1.0000%
1995	1.020100	0.980296	0.9992%
1994	1.010008	0.990091	1.0008%
1993	1.000000	1.000000	1.0000%
1992	0.990099	1.010000	0.9295%
1991	0.980981	1.019388	1.2505%

1990	0.968865	1.032136	0.7224%
1989	0.961916	1.039592	1.1077%
1988	0.951377	1.051108	0.8834%
1987	0.943047	1.060393	0.5594%
1986	0.937801	1.066324	1.3056%
1985	0.925715	1.080246	0.7673%
1984	0.918666	1.088535	0.8149%
1983	0.911240	1.097406	0.9737%
1982	0.902452	1.108092	0.9508%
1981	0.893953	1.118628	0.9031%
1980	0.885952	1.128730	2.2701%
1979	0.866287	1.154352	1.0042%
1978	0.857674	1.165944	0.9896%
1977	0.849270	1.177482	0.9103%
1976	0.841608	1.188202	0.8394%
1975	0.834602	1.198176	0.9042%
1974	0.827123	1.209009	1.1568%
1973	0.817665	1.222995	0.9427%
1972	0.810029	1.234524	0.7426%
1971	0.804057	1.243692	1.4697%
1970	0.792411	1.261971	0.6968%
1969	0.786928	1.270765	0.8565%
1968	0.780245	1.281650	1.5090%
1967	0.768645	1.300990	0.9949%
1966	0.761073	1.313934	1.0575%
1965	0.753109	1.327828	1.1300%
1964	0.744694	1.342833	1.5537%
1963	0.733301	1.363696	1.4658%
1962	0.722708	1.383685	1.5364%
1961	0.711772	1.404945	2.1586%
1960	0.696732	1.435272	-1.6655%
1959	0.708532	1.411368	4.3080%
1958	0.679270	1.472170	2.1130%
1957	0.665214	1.503276	1.9895%
1956	0.652238	1.533184	2.1231%
1955	0.638678	1.565735	1.4496%
1954	0.629552	1.588432	2.1573%
1953	0.616258	1.622698	1.2298%
1952	0.608771	1.642653	1.6814%
1951	0.598705	1.670272	1.6233%
1950	0.589141	1.697386	1.4265%
1949	0.580855	1.721599	1.7790%
1948	0.570702	1.752227	1.8242%
1947	0.560478	1.784191	-2.6320%
1946	0.575629	1.737230	3.1768%
1945	0.557905	1.792419	6.4754%
1944	0.523976	1.908485	-0.3437%
1943	0.525783	1.901926	0.6562%
1942	0.522355	1.914407	0.6633%
1941	0.518913	1.927105	-5.6614%
1940	0.550054	1.818004	8.0381%
1939	0.509130	1.964137	0.8126%
1938	0.505026	1.980098	0.7762%

1937	0.501135	1.995468	0.6029%
1936	0.498132	2.007499	0.5244%
1935	0.495534	2.018026	-3.0364%
1934	0.511051	1.956751	4.6271%
1933	0.488450	2.047292	1.3921%
1932	0.481744	2.075793	-0.2051%
1931	0.482734	2.071536	0.8886%
1930	0.478482	2.089944	1.0126%
1929	0.473685	2.111106	1.1526%
1928	0.468288	2.135438	1.2160%
1927	0.462662	2.161405	1.4086%
1926	0.456235	2.191851	1.7667%
1925	0.448315	2.230574	1.4465%
1924	0.441923	2.262839	1.7700%
1923	0.434237	2.302891	1.6165%
1922	0.427329	2.340117	1.3736%
1921	0.421539	2.372262	2.3393%
1920	0.411903	2.427757	1.3140%
1919	0.406561	2.459658	0.7676%
1918	0.403463	2.478539	0.3870%
1917	0.401908	2.488131	1.3274%
1916	0.396643	2.521159	1.4083%
1915	0.391135	2.556664	1.4458%
1914	0.385560	2.593629	1.9424%
1913	0.378214	2.644007	1.9857%
1912	0.370850	2.696508	1.5634%
1911	0.365141	2.738666	1.8169%
1910	0.358625	2.788425	1.8781%
1909	0.352014	2.840793	2.0082%
1908	0.345084	2.897843	1.9603%
1907	0.338450	2.954648	1.8264%
1906	0.332379	3.008610	1.9357%
1905	0.326068	3.066847	2.0148%
1904	0.319628	3.128639	2.1335%
1903	0.312951	3.195390	1.8151%
1902	0.307372	3.253391	1.8943%
1901	0.301657	3.315021	3.0255%
1900	0.292799	3.415317	0.6278%
1899	0.290972	3.436760	1.7757%
1898	0.285895	3.497785	1.8078%
1897	0.280819	3.561016	1.8396%
1896	0.275746	3.626525	1.8755%
1895	0.270670	3.694542	1.9114%
1894	0.265593	3.765159	1.9486%
1893	0.260517	3.838528	1.9858%
1892	0.255444	3.914754	2.0276%
1891	0.250367	3.994130	2.6465%
1890	0.243912	4.099835	1.5328%
1889	0.240230	4.162678	2.0811%
1888	0.235332	4.249309	2.1599%
1887	0.230357	4.341088	2.2075%
1886	0.225382	4.436919	2.2592%
1885	0.220402	4.537156	2.3095%

1884	0.215427	4.641944	2.3641%
1883	0.210452	4.751686	2.4214%
1882	0.205476	4.866743	2.4815%
1881	0.200501	4.987509	3.7644%
1880	0.193227	5.175259	0.9432%
1879	0.191422	5.224074	2.1464%
1878	0.187399	5.336202	2.1913%
1877	0.183381	5.453134	2.2426%
1876	0.179358	5.575427	2.2941%
1875	0.175336	5.703330	2.3456%
1874	0.171318	5.837107	2.4043%
1873	0.167295	5.977450	2.4635%
1872	0.163273	6.124707	2.5258%
1871	0.159251	6.279403	5.9947%
1870	0.150244	6.655833	-1.0968%
1869	0.151910	6.582833	2.1930%
1868	0.148650	6.727193	2.2394%
1867	0.145394	6.877842	2.2935%
1866	0.142135	7.035585	2.3445%
1865	0.138879	7.200532	2.4037%
1864	0.135619	7.373611	2.4599%
1863	0.132363	7.554994	2.5250%
1862	0.129103	7.745758	2.5872%
1861	0.125847	7.946160	2.9504%
1860	0.122240	8.180604	2.4012%
1859	0.119374	8.377039	2.7627%
1858	0.116165	8.608473	2.8412%
1857	0.112955	8.853057	2.9243%
1856	0.109746	9.111946	3.0161%
1855	0.106533	9.386775	3.1061%
1854	0.103324	9.678333	3.2056%
1853	0.100114	9.988584	3.3118%
1852	0.096905	10.319385	3.4252%
1851	0.093696	10.672848	4.0106%
1850	0.090083	11.100893	2.3254%
1849	0.088036	11.359030	2.7841%
1848	0.085651	11.675275	2.8590%
1847	0.083270	12.009073	2.9432%
1846	0.080890	12.362519	3.0324%
1845	0.078509	12.737400	3.1325%
1844	0.076124	13.136400	3.2284%
1843	0.073744	13.560490	3.3361%
1842	0.071363	14.012876	3.4512%
1841	0.068982	14.496487	3.8105%
1840	0.066450	15.048874	2.3861%
1839	0.064902	15.407948	2.5824%
1838	0.063268	15.805842	2.6573%
1837	0.061630	16.225854	2.7232%
1836	0.059996	16.667718	2.7994%
1835	0.058362	17.134320	2.8871%
1834	0.056725	17.629009	2.9657%
1833	0.055091	18.151830	3.0563%
1832	0.053457	18.706608	3.1604%

1831	0.051819	19.297816	3.4660%
1830	0.050083	19.966672	2.4653%
1829	0.048878	20.458910	2.6804%
1828	0.047603	21.007290	10.3427%
1827	0.043141	23.180001	-4.2314%
1826	0.045047	22.199155	2.9150%
1825	0.043771	22.846268	3.0026%
1824	0.042495	23.532242	3.0955%
1823	0.041219	24.260684	3.1944%
1822	0.039943	25.035665	3.3102%
1821	0.038663	25.864394	3.2277%
1820	0.037454	26.699229	2.6573%
1819	0.036485	27.408701	2.6261%
1818	0.035551	28.128483	2.6969%
1817	0.034618	28.887090	2.7717%
1816	0.033684	29.687748	2.8507%
1815	0.032750	30.534055	2.9343%
1814	0.031817	31.430029	3.0231%
1813	0.030883	32.380175	3.1039%
1812	0.029953	33.385222	3.2172%
1811	0.029020	34.459277	3.0969%
1810	0.028148	35.526452	2.9144%
1809	0.027351	36.561828	2.8225%
1808	0.026600	37.593772	2.9199%
1807	0.025845	38.691483	2.9918%
1806	0.025095	39.849048	3.0841%
1805	0.024344	41.078014	3.1822%
1804	0.023593	42.385195	3.2868%
1803	0.022842	43.778306	3.3985%
1802	0.022092	45.266105	3.5180%
1801	0.021341	46.858587	3.3999%
1800	0.020639	48.451754	2.8419%
1799	0.020069	49.828690	2.7485%
1798	0.019532	51.198210	2.8261%
1797	0.018995	52.645138	3.7832%
1796	0.018303	54.636814	2.1272%
1795	0.017921	55.799047	3.0879%
1794	0.017385	57.522088	3.1625%
1793	0.016852	59.341230	3.2904%
1792	0.016315	61.293803	3.4024%
1791	0.015778	63.379243	3.2296%
1790	0.015284	65.426116	41.3145%
1780	0.010816	92.456557	29.4353%
1770	0.008356	119.671435	83.4728%
1750	0.004554	219.564580	29.2845%
1740	0.003523	283.862864	94.2514%
1720	0.001814	551.407572	85.8111%
1700	0.000976	1024.576365	19.2490%
1690	0.000818	1221.797576	88.0250%
1670	0.000435	2297.285165	

BASE YEAR: 1992

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.184304	0.844377	8.2857%
2001	1.093685	0.914340	1.0000%
2000	1.082857	0.923483	1.0000%
1999	1.072135	0.932718	1.0000%
1998	1.061520	0.942045	1.0000%
1997	1.051010	0.951466	1.0000%
1996	1.040604	0.960980	1.0000%
1995	1.030301	0.970590	0.9992%
1994	1.020108	0.980288	1.0008%
1993	1.010000	0.990099	1.0000%
1992	1.000000	1.000000	0.9295%
1991	0.990791	1.009295	1.2505%
1990	0.978554	1.021916	0.7224%
1989	0.971535	1.029299	1.1077%
1988	0.960891	1.040701	0.8834%
1987	0.952477	1.049894	0.5594%
1986	0.947179	1.055766	1.3056%
1985	0.934972	1.069551	0.7673%
1984	0.927853	1.077757	0.8149%
1983	0.920352	1.086540	0.9737%
1982	0.911477	1.097121	0.9508%
1981	0.902892	1.107552	0.9031%
1980	0.894811	1.117554	2.2701%
1979	0.874949	1.142923	1.0042%
1978	0.866251	1.154400	0.9896%
1977	0.857762	1.165824	0.9103%
1976	0.850024	1.176437	0.8394%
1975	0.842948	1.186313	0.9042%
1974	0.835395	1.197039	1.1568%
1973	0.825841	1.210886	0.9427%
1972	0.818129	1.222301	0.7426%
1971	0.812098	1.231378	1.4697%
1970	0.800335	1.249476	0.6968%
1969	0.794797	1.258183	0.8565%
1968	0.788047	1.268960	1.5090%
1967	0.776332	1.288109	0.9949%
1966	0.768684	1.300925	1.0575%
1965	0.760641	1.314681	1.1300%
1964	0.752141	1.329537	1.5537%
1963	0.740634	1.350194	1.4658%
1962	0.729935	1.369985	1.5364%
1961	0.718890	1.391034	2.1586%
1960	0.703699	1.421062	-1.6655%
1959	0.715618	1.397394	4.3080%
1958	0.686062	1.457594	2.1130%
1957	0.671866	1.488392	1.9895%
1956	0.658760	1.518004	2.1231%
1955	0.645065	1.550232	1.4496%
1954	0.635847	1.572705	2.1573%
1953	0.622420	1.606632	1.2298%
1952	0.614859	1.626389	1.6814%

1951	0.604692	1.653735	1.6233%
1950	0.595033	1.680580	1.4265%
1949	0.586664	1.704554	1.7790%
1948	0.576409	1.734879	1.8242%
1947	0.566083	1.766526	-2.6320%
1946	0.581385	1.720030	3.1768%
1945	0.563484	1.774672	6.4754%
1944	0.529216	1.889589	-0.3437%
1943	0.531041	1.883095	0.6562%
1942	0.527579	1.895453	0.6633%
1941	0.524102	1.908025	-5.6614%
1940	0.555554	1.800004	8.0381%
1939	0.514221	1.944690	0.8126%
1938	0.510076	1.960493	0.7762%
1937	0.506147	1.975711	0.6029%
1936	0.503114	1.987622	0.5244%
1935	0.500489	1.998045	-3.0364%
1934	0.516162	1.937377	4.6271%
1933	0.493335	2.027022	1.3921%
1932	0.486561	2.055241	-0.2051%
1931	0.487561	2.051026	0.8886%
1930	0.483267	2.069251	1.0126%
1929	0.478422	2.090204	1.1526%
1928	0.472971	2.114295	1.2160%
1927	0.467289	2.140005	1.4086%
1926	0.460798	2.170149	1.7667%
1925	0.452798	2.208489	1.4465%
1924	0.446342	2.240435	1.7700%
1923	0.438579	2.280090	1.6165%
1922	0.431602	2.316948	1.3736%
1921	0.425754	2.348774	2.3393%
1920	0.416022	2.403720	1.3140%
1919	0.410626	2.435305	0.7676%
1918	0.407498	2.453999	0.3870%
1917	0.405927	2.463496	1.3274%
1916	0.400609	2.496197	1.4083%
1915	0.395046	2.531351	1.4458%
1914	0.389416	2.567949	1.9424%
1913	0.381996	2.617829	1.9857%
1912	0.374558	2.669810	1.5634%
1911	0.368793	2.711550	1.8169%
1910	0.362212	2.760817	1.8781%
1909	0.355535	2.812666	2.0082%
1908	0.348535	2.869152	1.9603%
1907	0.341834	2.925394	1.8264%
1906	0.335703	2.978822	1.9357%
1905	0.329328	3.036483	2.0148%
1904	0.322824	3.097663	2.1335%
1903	0.316080	3.163752	1.8151%
1902	0.310445	3.221179	1.8943%
1901	0.304674	3.282199	3.0255%
1900	0.295727	3.381502	0.6278%
1899	0.293881	3.402733	1.7757%

1898	0.288754	3.463153	1.8078%
1897	0.283627	3.525759	1.8396%
1896	0.278504	3.590619	1.8755%
1895	0.273376	3.657962	1.9114%
1894	0.268249	3.727880	1.9486%
1893	0.263122	3.800523	1.9858%
1892	0.257998	3.875994	2.0276%
1891	0.252871	3.954584	2.6465%
1890	0.246351	4.059243	1.5328%
1889	0.242632	4.121464	2.0811%
1888	0.237686	4.207237	2.1599%
1887	0.232661	4.298107	2.2075%
1886	0.227635	4.392989	2.2592%
1885	0.222606	4.492234	2.3095%
1884	0.217581	4.595984	2.3641%
1883	0.212556	4.704640	2.4214%
1882	0.207531	4.818557	2.4815%
1881	0.202506	4.938128	3.7644%
1880	0.195159	5.124019	0.9432%
1879	0.193336	5.172350	2.1464%
1878	0.189273	5.283369	2.1913%
1877	0.185215	5.399143	2.2426%
1876	0.181152	5.520225	2.2941%
1875	0.177090	5.646862	2.3456%
1874	0.173031	5.779314	2.4043%
1873	0.168968	5.918267	2.4635%
1872	0.164906	6.064067	2.5258%
1871	0.160843	6.217231	5.9947%
1870	0.151747	6.589934	-1.0968%
1869	0.153429	6.517656	2.1930%
1868	0.150137	6.660587	2.2394%
1867	0.146848	6.809744	2.2935%
1866	0.143556	6.965926	2.3445%
1865	0.140267	7.129240	2.4037%
1864	0.136975	7.300605	2.4599%
1863	0.133686	7.480192	2.5250%
1862	0.130394	7.669067	2.5872%
1861	0.127105	7.867485	2.9504%
1860	0.123463	8.099608	2.4012%
1859	0.120568	8.294098	2.7627%
1858	0.117326	8.523240	2.8412%
1857	0.114085	8.765403	2.9243%
1856	0.110844	9.021728	3.0161%
1855	0.107598	9.293836	3.1061%
1854	0.104357	9.582508	3.2056%
1853	0.101115	9.889688	3.3118%
1852	0.097874	10.217213	3.4252%
1851	0.094633	10.567176	4.0106%
1850	0.090984	10.990984	2.3254%
1849	0.088916	11.246564	2.7841%
1848	0.086508	11.559678	2.8590%
1847	0.084103	11.890171	2.9432%
1846	0.081699	12.240117	3.0324%

1845	0.079294	12.611287	3.1325%
1844	0.076886	13.006337	3.2284%
1843	0.074481	13.426228	3.3361%
1842	0.072077	13.874135	3.4512%
1841	0.069672	14.352958	3.8105%
1840	0.067115	14.899876	2.3861%
1839	0.065551	15.255394	2.5824%
1838	0.063900	15.649348	2.6573%
1837	0.062246	16.065202	2.7232%
1836	0.060596	16.502691	2.7994%
1835	0.058946	16.964674	2.8871%
1834	0.057292	17.454464	2.9657%
1833	0.055642	17.972108	3.0563%
1832	0.053992	18.521394	3.1604%
1831	0.052338	19.106749	3.4660%
1830	0.050584	19.768982	2.4653%
1829	0.049367	20.256347	2.6804%
1828	0.048079	20.799297	10.3427%
1827	0.043572	22.950496	-4.2314%
1826	0.045497	21.979361	2.9150%
1825	0.044209	22.620068	3.0026%
1824	0.042920	23.299249	3.0955%
1823	0.041631	24.020479	3.1944%
1822	0.040342	24.787787	3.3102%
1821	0.039050	25.608311	3.2277%
1820	0.037829	26.434880	2.6573%
1819	0.036850	27.137328	2.6261%
1818	0.035907	27.849984	2.6969%
1817	0.034964	28.601079	2.7717%
1816	0.034021	29.393810	2.8507%
1815	0.033078	30.231738	2.9343%
1814	0.032135	31.118841	3.0231%
1813	0.031192	32.059579	3.1039%
1812	0.030253	33.054675	3.2172%
1811	0.029310	34.118097	3.0969%
1810	0.028430	35.174705	2.9144%
1809	0.027624	36.199829	2.8225%
1808	0.026866	37.221556	2.9199%
1807	0.026104	38.308399	2.9918%
1806	0.025346	39.454503	3.0841%
1805	0.024587	40.671301	3.1822%
1804	0.023829	41.965540	3.2868%
1803	0.023071	43.344857	3.3985%
1802	0.022313	44.817926	3.5180%
1801	0.021554	46.394641	3.3999%
1800	0.020845	47.972034	2.8419%
1799	0.020269	49.335336	2.7485%
1798	0.019727	50.691297	2.8261%
1797	0.019185	52.123899	3.7832%
1796	0.018486	54.095855	2.1272%
1795	0.018101	55.246581	3.0879%
1794	0.017558	56.952562	3.1625%
1793	0.017020	58.753693	3.2904%

1792	0.016478	60.686934	3.4024%
1791	0.015936	62.751726	3.2296%
1790	0.015437	64.778333	41.3145%
1780	0.010924	91.541145	29.4353%
1770	0.008440	118.486570	83.4728%
1750	0.004600	217.390673	29.2845%
1740	0.003558	281.052341	94.2514%
1720	0.001832	545.948091	85.8111%
1700	0.000986	1014.432045	19.2490%
1690	0.000827	1209.700570	88.0250%
1670	0.000440	2274.539768	

BASE YEAR: 1991

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.195313	0.836601	8.2857%
2001	1.103851	0.905919	1.0000%
2000	1.092922	0.914978	1.0000%
1999	1.082101	0.924128	1.0000%
1998	1.071387	0.933370	1.0000%
1997	1.060779	0.942703	1.0000%
1996	1.050276	0.952130	1.0000%
1995	1.039878	0.961652	0.9992%
1994	1.029590	0.971261	1.0008%
1993	1.019388	0.980981	1.0000%
1992	1.009295	0.990791	0.9295%
1991	1.000000	1.000000	1.2505%
1990	0.987649	1.012505	0.7224%
1989	0.980565	1.019820	1.1077%
1988	0.969823	1.031116	0.8834%
1987	0.961331	1.040225	0.5594%
1986	0.955983	1.046043	1.3056%
1985	0.943663	1.059701	0.7673%
1984	0.936477	1.067832	0.8149%
1983	0.928907	1.076534	0.9737%
1982	0.919949	1.087017	0.9508%
1981	0.911285	1.097352	0.9031%
1980	0.903129	1.107262	2.2701%
1979	0.883082	1.132398	1.0042%
1978	0.874303	1.143769	0.9896%
1977	0.865735	1.155088	0.9103%
1976	0.857925	1.165603	0.8394%
1975	0.850783	1.175387	0.9042%
1974	0.843160	1.186015	1.1568%
1973	0.833518	1.199735	0.9427%
1972	0.825734	1.211044	0.7426%
1971	0.819647	1.220038	1.4697%
1970	0.807774	1.237969	0.6968%
1969	0.802185	1.246596	0.8565%
1968	0.795372	1.257273	1.5090%
1967	0.783548	1.276246	0.9949%
1966	0.775829	1.288944	1.0575%

1965	0.767711	1.302574	1.1300%
1964	0.759132	1.317293	1.5537%
1963	0.747519	1.337759	1.4658%
1962	0.736720	1.357368	1.5364%
1961	0.725572	1.378224	2.1586%
1960	0.710240	1.407974	-1.6655%
1959	0.722269	1.384525	4.3080%
1958	0.692439	1.444170	2.1130%
1957	0.678111	1.474685	1.9895%
1956	0.664883	1.504024	2.1231%
1955	0.651061	1.535955	1.4496%
1954	0.641758	1.558221	2.1573%
1953	0.628206	1.591836	1.2298%
1952	0.620574	1.611411	1.6814%
1951	0.610312	1.638505	1.6233%
1950	0.600564	1.665103	1.4265%
1949	0.592117	1.688856	1.7790%
1948	0.581767	1.718901	1.8242%
1947	0.571345	1.750257	-2.6320%
1946	0.586789	1.704189	3.1768%
1945	0.568722	1.758328	6.4754%
1944	0.534135	1.872187	-0.3437%
1943	0.535977	1.865753	0.6562%
1942	0.532482	1.877996	0.6633%
1941	0.528974	1.890453	-5.6614%
1940	0.560718	1.783427	8.0381%
1939	0.519001	1.926780	0.8126%
1938	0.514817	1.942438	0.7762%
1937	0.510852	1.957516	0.6029%
1936	0.507790	1.969317	0.5244%
1935	0.505141	1.979644	-3.0364%
1934	0.520959	1.919535	4.6271%
1933	0.497920	2.008354	1.3921%
1932	0.491084	2.036313	-0.2051%
1931	0.492093	2.032137	0.8886%
1930	0.487759	2.050194	1.0126%
1929	0.482869	2.070954	1.1526%
1928	0.477367	2.094824	1.2160%
1927	0.471632	2.120297	1.4086%
1926	0.465081	2.150163	1.7667%
1925	0.457007	2.188150	1.4465%
1924	0.450491	2.219801	1.7700%
1923	0.442656	2.259091	1.6165%
1922	0.435614	2.295610	1.3736%
1921	0.429711	2.327144	2.3393%
1920	0.419889	2.381583	1.3140%
1919	0.414443	2.412877	0.7676%
1918	0.411286	2.431399	0.3870%
1917	0.409700	2.440808	1.3274%
1916	0.404333	2.473209	1.4083%
1915	0.398718	2.508038	1.4458%
1914	0.393035	2.544300	1.9424%
1913	0.385547	2.593720	1.9857%

1912	0.378040	2.645223	1.5634%
1911	0.372221	2.686578	1.8169%
1910	0.365578	2.735391	1.8781%
1909	0.358839	2.786763	2.0082%
1908	0.351775	2.842728	1.9603%
1907	0.345012	2.898453	1.8264%
1906	0.338824	2.951389	1.9357%
1905	0.332390	3.008518	2.0148%
1904	0.325825	3.069135	2.1335%
1903	0.319018	3.134616	1.8151%
1902	0.313331	3.191514	1.8943%
1901	0.307506	3.251972	3.0255%
1900	0.298475	3.350360	0.6278%
1899	0.296613	3.371395	1.7757%
1898	0.291438	3.431260	1.8078%
1897	0.286263	3.493288	1.8396%
1896	0.281092	3.557551	1.8755%
1895	0.275917	3.624274	1.9114%
1894	0.270742	3.693548	1.9486%
1893	0.265567	3.765522	1.9858%
1892	0.260396	3.840298	2.0276%
1891	0.255222	3.918165	2.6465%
1890	0.248641	4.021860	1.5328%
1889	0.244888	4.083507	2.0811%
1888	0.239895	4.168490	2.1599%
1887	0.234823	4.258524	2.2075%
1886	0.229751	4.352532	2.2592%
1885	0.224676	4.450863	2.3095%
1884	0.219604	4.553658	2.3641%
1883	0.214532	4.661312	2.4214%
1882	0.209460	4.774181	2.4815%
1881	0.204388	4.892651	3.7644%
1880	0.196973	5.076829	0.9432%
1879	0.195133	5.124715	2.1464%
1878	0.191032	5.234712	2.1913%
1877	0.186936	5.349420	2.2426%
1876	0.182836	5.469386	2.2941%
1875	0.178736	5.594857	2.3456%
1874	0.174639	5.726090	2.4043%
1873	0.170539	5.863763	2.4635%
1872	0.166439	6.008220	2.5258%
1871	0.162338	6.159974	5.9947%
1870	0.153157	6.529244	-1.0968%
1869	0.154856	6.457632	2.1930%
1868	0.151532	6.599246	2.2394%
1867	0.148213	6.747030	2.2935%
1866	0.144890	6.901773	2.3445%
1865	0.141571	7.063584	2.4037%
1864	0.138248	7.233371	2.4599%
1863	0.134929	7.411303	2.5250%
1862	0.131606	7.598439	2.5872%
1861	0.128287	7.795030	2.9504%
1860	0.124610	8.025015	2.4012%

1859	0.121688	8.217714	2.7627%
1858	0.118417	8.444746	2.8412%
1857	0.115145	8.684678	2.9243%
1856	0.111874	8.938643	3.0161%
1855	0.108598	9.208245	3.1061%
1854	0.105327	9.494258	3.2056%
1853	0.102055	9.798609	3.3118%
1852	0.098784	10.123118	3.4252%
1851	0.095512	10.469858	4.0106%
1850	0.091829	10.889763	2.3254%
1849	0.089743	11.142990	2.7841%
1848	0.087312	11.453220	2.8590%
1847	0.084885	11.780669	2.9432%
1846	0.082458	12.127393	3.0324%
1845	0.080031	12.495144	3.1325%
1844	0.077600	12.886555	3.2284%
1843	0.075173	13.302580	3.3361%
1842	0.072747	13.746361	3.4512%
1841	0.070320	14.220775	3.8105%
1840	0.067738	14.762656	2.3861%
1839	0.066160	15.114901	2.5824%
1838	0.064494	15.505226	2.6573%
1837	0.062825	15.917251	2.7232%
1836	0.061159	16.350710	2.7994%
1835	0.059494	16.808438	2.8871%
1834	0.057824	17.293718	2.9657%
1833	0.056159	17.806595	3.0563%
1832	0.054493	18.350822	3.1604%
1831	0.052824	18.930786	3.4660%
1830	0.051054	19.586921	2.4653%
1829	0.049826	20.069797	2.6804%
1828	0.048525	20.607747	10.3427%
1827	0.043977	22.739134	-4.2314%
1826	0.045920	21.776943	2.9150%
1825	0.044619	22.411749	3.0026%
1824	0.043319	23.084676	3.0955%
1823	0.042018	23.799264	3.1944%
1822	0.040717	24.559505	3.3102%
1821	0.039413	25.372472	3.2277%
1820	0.038180	26.191429	2.6573%
1819	0.037192	26.887408	2.6261%
1818	0.036240	27.593500	2.6969%
1817	0.035289	28.337678	2.7717%
1816	0.034337	29.123109	2.8507%
1815	0.033385	29.953320	2.9343%
1814	0.032434	30.832253	3.0231%
1813	0.031482	31.764328	3.1039%
1812	0.030534	32.750260	3.2172%
1811	0.029582	33.803887	3.0969%
1810	0.028694	34.850765	2.9144%
1809	0.027881	35.866449	2.8225%
1808	0.027116	36.878766	2.9199%
1807	0.026347	37.955599	2.9918%

1806	0.025581	39.091149	3.0841%
1805	0.024816	40.296740	3.1822%
1804	0.024051	41.579060	3.2868%
1803	0.023285	42.945674	3.3985%
1802	0.022520	44.405177	3.5180%
1801	0.021755	45.967371	3.3999%
1800	0.021039	47.530238	2.8419%
1799	0.020458	48.880985	2.7485%
1798	0.019911	50.224457	2.8261%
1797	0.019363	51.643866	3.7832%
1796	0.018658	53.597662	2.1272%
1795	0.018269	54.737790	3.0879%
1794	0.017722	56.428060	3.1625%
1793	0.017178	58.212604	3.2904%
1792	0.016631	60.128040	3.4024%
1791	0.016084	62.173817	3.2296%
1790	0.015581	64.181759	41.3145%
1780	0.011026	90.698101	29.4353%
1770	0.008518	117.395373	83.4728%
1750	0.004643	215.388623	29.2845%
1740	0.003591	278.464002	94.2514%
1720	0.001849	540.920206	85.8111%
1700	0.000995	1005.089677	19.2490%
1690	0.000834	1198.559886	88.0250%
1670	0.000444	2253.592493	

BASE YEAR: 1990

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.210260	0.826269	8.2857%
2001	1.117655	0.894730	1.0000%
2000	1.106589	0.903678	1.0000%
1999	1.095633	0.912715	1.0000%
1998	1.084785	0.921842	1.0000%
1997	1.074044	0.931060	1.0000%
1996	1.063410	0.940371	1.0000%
1995	1.052882	0.949774	0.9992%
1994	1.042465	0.959265	1.0008%
1993	1.032136	0.968865	1.0000%
1992	1.021916	0.978554	0.9295%
1991	1.012505	0.987649	1.2505%
1990	1.000000	1.000000	0.7224%
1989	0.992827	1.007224	1.1077%
1988	0.981951	1.018381	0.8834%
1987	0.973352	1.027377	0.5594%
1986	0.967938	1.033124	1.3056%
1985	0.955463	1.046613	0.7673%
1984	0.948188	1.054643	0.8149%
1983	0.940523	1.063238	0.9737%
1982	0.931453	1.073591	0.9508%
1981	0.922680	1.083799	0.9031%
1980	0.914422	1.093586	2.2701%

1979	0.894125	1.118412	1.0042%
1978	0.885236	1.129642	0.9896%
1977	0.876561	1.140821	0.9103%
1976	0.868654	1.151207	0.8394%
1975	0.861423	1.160870	0.9042%
1974	0.853704	1.171367	1.1568%
1973	0.843941	1.184917	0.9427%
1972	0.836059	1.196087	0.7426%
1971	0.829896	1.204970	1.4697%
1970	0.817876	1.222680	0.6968%
1969	0.812216	1.231200	0.8565%
1968	0.805318	1.241745	1.5090%
1967	0.793346	1.260484	0.9949%
1966	0.785531	1.273024	1.0575%
1965	0.777311	1.286486	1.1300%
1964	0.768626	1.301024	1.5537%
1963	0.756866	1.321237	1.4658%
1962	0.745932	1.340604	1.5364%
1961	0.734645	1.361201	2.1586%
1960	0.719122	1.390585	-1.6655%
1959	0.731302	1.367425	4.3080%
1958	0.701098	1.426334	2.1130%
1957	0.686591	1.456471	1.9895%
1956	0.673198	1.485448	2.1231%
1955	0.659202	1.516985	1.4496%
1954	0.649783	1.538976	2.1573%
1953	0.636061	1.572175	1.2298%
1952	0.628334	1.591509	1.6814%
1951	0.617944	1.618268	1.6233%
1950	0.608074	1.644537	1.4265%
1949	0.599521	1.667997	1.7790%
1948	0.589042	1.697672	1.8242%
1947	0.578489	1.728640	-2.6320%
1946	0.594127	1.683141	3.1768%
1945	0.575834	1.736612	6.4754%
1944	0.540814	1.849064	-0.3437%
1943	0.542679	1.842710	0.6562%
1942	0.539141	1.854802	0.6633%
1941	0.535589	1.867105	-5.6614%
1940	0.567730	1.761400	8.0381%
1939	0.525491	1.902983	0.8126%
1938	0.521255	1.918447	0.7762%
1937	0.517240	1.933339	0.6029%
1936	0.514140	1.944995	0.5244%
1935	0.511458	1.955194	-3.0364%
1934	0.527474	1.895827	4.6271%
1933	0.504147	1.983550	1.3921%
1932	0.497225	2.011163	-0.2051%
1931	0.498247	2.007038	0.8886%
1930	0.493858	2.024873	1.0126%
1929	0.488908	2.045377	1.1526%
1928	0.483337	2.068951	1.2160%
1927	0.477530	2.094110	1.4086%

1926	0.470897	2.123607	1.7667%
1925	0.462722	2.161125	1.4465%
1924	0.456124	2.192385	1.7700%
1923	0.448191	2.231190	1.6165%
1922	0.441061	2.267258	1.3736%
1921	0.435085	2.298402	2.3393%
1920	0.425140	2.352168	1.3140%
1919	0.419626	2.383076	0.7676%
1918	0.416429	2.401370	0.3870%
1917	0.414824	2.410663	1.3274%
1916	0.409389	2.442663	1.4083%
1915	0.403704	2.477062	1.4458%
1914	0.397950	2.512876	1.9424%
1913	0.390368	2.561686	1.9857%
1912	0.382767	2.612552	1.5634%
1911	0.376875	2.653397	1.8169%
1910	0.370150	2.701607	1.8781%
1909	0.363327	2.752345	2.0082%
1908	0.356174	2.807619	1.9603%
1907	0.349326	2.862655	1.8264%
1906	0.343061	2.914937	1.9357%
1905	0.336546	2.971361	2.0148%
1904	0.329899	3.031229	2.1335%
1903	0.323008	3.095901	1.8151%
1902	0.317249	3.152096	1.8943%
1901	0.311351	3.211808	3.0255%
1900	0.302208	3.308981	0.6278%
1899	0.300322	3.329756	1.7757%
1898	0.295083	3.388881	1.8078%
1897	0.289843	3.450144	1.8396%
1896	0.284607	3.513613	1.8755%
1895	0.279368	3.579512	1.9114%
1894	0.274128	3.647930	1.9486%
1893	0.268888	3.719015	1.9858%
1892	0.263653	3.792867	2.0276%
1891	0.258413	3.869773	2.6465%
1890	0.251750	3.972187	1.5328%
1889	0.247950	4.033073	2.0811%
1888	0.242895	4.117007	2.1599%
1887	0.237760	4.205928	2.2075%
1886	0.232624	4.298775	2.2592%
1885	0.227485	4.395892	2.3095%
1884	0.222350	4.497417	2.3641%
1883	0.217215	4.603742	2.4214%
1882	0.212079	4.715216	2.4815%
1881	0.206944	4.832223	3.7644%
1880	0.199437	5.014127	0.9432%
1879	0.197573	5.061422	2.1464%
1878	0.193421	5.170059	2.1913%
1877	0.189274	5.283351	2.2426%
1876	0.185122	5.401836	2.2941%
1875	0.180971	5.525757	2.3456%
1874	0.176823	5.655369	2.4043%

1873	0.172672	5.791342	2.4635%
1872	0.168520	5.934014	2.5258%
1871	0.164368	6.083894	5.9947%
1870	0.155072	6.448603	-1.0968%
1869	0.156792	6.377876	2.1930%
1868	0.153427	6.517741	2.2394%
1867	0.150067	6.663700	2.2935%
1866	0.146702	6.816532	2.3445%
1865	0.143342	6.976343	2.4037%
1864	0.139977	7.144033	2.4599%
1863	0.136616	7.319768	2.5250%
1862	0.133252	7.504593	2.5872%
1861	0.129891	7.698755	2.9504%
1860	0.126169	7.925900	2.4012%
1859	0.123210	8.116220	2.7627%
1858	0.119898	8.340447	2.8412%
1857	0.116585	8.577416	2.9243%
1856	0.113273	8.828245	3.0161%
1855	0.109956	9.094517	3.1061%
1854	0.106644	9.376998	3.2056%
1853	0.103332	9.677589	3.3118%
1852	0.100019	9.998091	3.4252%
1851	0.096707	10.340548	4.0106%
1850	0.092978	10.755266	2.3254%
1849	0.090865	11.005366	2.7841%
1848	0.088404	11.311765	2.8590%
1847	0.085946	11.635169	2.9432%
1846	0.083489	11.977611	3.0324%
1845	0.081032	12.340820	3.1325%
1844	0.078571	12.727397	3.2284%
1843	0.076113	13.138283	3.3361%
1842	0.073656	13.576584	3.4512%
1841	0.071199	14.045138	3.8105%
1840	0.068586	14.580327	2.3861%
1839	0.066987	14.928221	2.5824%
1838	0.065301	15.313726	2.6573%
1837	0.063611	15.720661	2.7232%
1836	0.061924	16.148767	2.7994%
1835	0.060238	16.600842	2.8871%
1834	0.058548	17.080129	2.9657%
1833	0.056861	17.586671	3.0563%
1832	0.055175	18.124177	3.1604%
1831	0.053485	18.696977	3.4660%
1830	0.051693	19.345008	2.4653%
1829	0.050449	19.821921	2.6804%
1828	0.049132	20.353227	10.3427%
1827	0.044527	22.458290	-4.2314%
1826	0.046494	21.507982	2.9150%
1825	0.045177	22.134948	3.0026%
1824	0.043860	22.799564	3.0955%
1823	0.042544	23.505326	3.1944%
1822	0.041227	24.256178	3.3102%
1821	0.039906	25.059104	3.2277%

1820	0.038658	25.867947	2.6573%
1819	0.037657	26.555330	2.6261%
1818	0.036694	27.252701	2.6969%
1817	0.035730	27.987688	2.7717%
1816	0.034766	28.763418	2.8507%
1815	0.033803	29.583375	2.9343%
1814	0.032839	30.451453	3.0231%
1813	0.031876	31.372016	3.1039%
1812	0.030916	32.345771	3.2172%
1811	0.029952	33.386386	3.0969%
1810	0.029053	34.420334	2.9144%
1809	0.028230	35.423473	2.8225%
1808	0.027455	36.423287	2.9199%
1807	0.026676	37.486821	2.9918%
1806	0.025901	38.608345	3.0841%
1805	0.025126	39.799047	3.1822%
1804	0.024351	41.065529	3.2868%
1803	0.023576	42.415265	3.3985%
1802	0.022802	43.856742	3.5180%
1801	0.022027	45.399642	3.3999%
1800	0.021302	46.943206	2.8419%
1799	0.020714	48.277270	2.7485%
1798	0.020160	49.604150	2.8261%
1797	0.019606	51.006028	3.7832%
1796	0.018891	52.935693	2.1272%
1795	0.018497	54.061740	3.0879%
1794	0.017943	55.731134	3.1625%
1793	0.017393	57.493637	3.2904%
1792	0.016839	59.385416	3.4024%
1791	0.016285	61.405926	3.2296%
1790	0.015776	63.389069	41.3145%
1780	0.011163	89.577915	29.4353%
1770	0.008625	115.945457	83.4728%
1750	0.004701	212.728422	29.2845%
1740	0.003636	275.024775	94.2514%
1720	0.001872	534.239459	85.8111%
1700	0.001007	992.676110	19.2490%
1690	0.000845	1183.756825	88.0250%
1670	0.000449	2225.759035	

BASE YEAR: 1989

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.219004	0.820342	8.2857%
2001	1.125730	0.888313	1.0000%
2000	1.114584	0.897196	1.0000%
1999	1.103548	0.906168	1.0000%
1998	1.092622	0.915230	1.0000%
1997	1.081804	0.924382	1.0000%
1996	1.071093	0.933626	1.0000%
1995	1.060488	0.942962	0.9992%
1994	1.049996	0.952384	1.0008%

1993	1.039592	0.961916	1.0000%
1992	1.029299	0.971535	0.9295%
1991	1.019820	0.980565	1.2505%
1990	1.007224	0.992827	0.7224%
1989	1.000000	1.000000	1.1077%
1988	0.989045	1.011077	0.8834%
1987	0.980384	1.020008	0.5594%
1986	0.974931	1.025714	1.3056%
1985	0.962366	1.039106	0.7673%
1984	0.955038	1.047079	0.8149%
1983	0.947318	1.055612	0.9737%
1982	0.938182	1.065891	0.9508%
1981	0.929346	1.076025	0.9031%
1980	0.921029	1.085743	2.2701%
1979	0.900585	1.110390	1.0042%
1978	0.891631	1.121540	0.9896%
1977	0.882894	1.132639	0.9103%
1976	0.874929	1.142950	0.8394%
1975	0.867646	1.152544	0.9042%
1974	0.859871	1.162965	1.1568%
1973	0.850038	1.176418	0.9427%
1972	0.842100	1.187508	0.7426%
1971	0.835892	1.196327	1.4697%
1970	0.823784	1.213910	0.6968%
1969	0.818084	1.222369	0.8565%
1968	0.811136	1.232839	1.5090%
1967	0.799078	1.251443	0.9949%
1966	0.791206	1.263893	1.0575%
1965	0.782927	1.277259	1.1300%
1964	0.774178	1.291692	1.5537%
1963	0.762334	1.311760	1.4658%
1962	0.751321	1.330988	1.5364%
1961	0.739953	1.351438	2.1586%
1960	0.724317	1.380611	-1.6655%
1959	0.736585	1.357617	4.3080%
1958	0.706163	1.416103	2.1130%
1957	0.691551	1.446025	1.9895%
1956	0.678061	1.474793	2.1231%
1955	0.663965	1.506104	1.4496%
1954	0.654477	1.527937	2.1573%
1953	0.640657	1.560899	1.2298%
1952	0.632874	1.580094	1.6814%
1951	0.622409	1.606661	1.6233%
1950	0.612467	1.632742	1.4265%
1949	0.603853	1.656033	1.7790%
1948	0.593298	1.685495	1.8242%
1947	0.582669	1.716241	-2.6320%
1946	0.598419	1.671069	3.1768%
1945	0.579994	1.724155	6.4754%
1944	0.544721	1.835802	-0.3437%
1943	0.546600	1.829492	0.6562%
1942	0.543036	1.841498	0.6633%
1941	0.539458	1.853713	-5.6614%

1940	0.571832	1.748766	8.0381%
1939	0.529287	1.889334	0.8126%
1938	0.525021	1.904687	0.7762%
1937	0.520977	1.919472	0.6029%
1936	0.517855	1.931044	0.5244%
1935	0.515153	1.941170	-3.0364%
1934	0.531285	1.882229	4.6271%
1933	0.507789	1.969322	1.3921%
1932	0.500817	1.996738	-0.2051%
1931	0.501846	1.992643	0.8886%
1930	0.497426	2.010349	1.0126%
1929	0.492440	2.030706	1.1526%
1928	0.486828	2.054112	1.2160%
1927	0.480980	2.079090	1.4086%
1926	0.474299	2.108375	1.7667%
1925	0.466065	2.145624	1.4465%
1924	0.459419	2.176660	1.7700%
1923	0.451429	2.215186	1.6165%
1922	0.444248	2.250995	1.3736%
1921	0.438228	2.281916	2.3393%
1920	0.428211	2.335297	1.3140%
1919	0.422657	2.365983	0.7676%
1918	0.419437	2.384145	0.3870%
1917	0.417821	2.393372	1.3274%
1916	0.412347	2.425142	1.4083%
1915	0.406621	2.459295	1.4458%
1914	0.400825	2.494852	1.9424%
1913	0.393188	2.543311	1.9857%
1912	0.385533	2.593813	1.5634%
1911	0.379598	2.634365	1.8169%
1910	0.372824	2.682229	1.8781%
1909	0.365951	2.732603	2.0082%
1908	0.358747	2.787480	1.9603%
1907	0.351850	2.842122	1.8264%
1906	0.345539	2.894029	1.9357%
1905	0.338977	2.950048	2.0148%
1904	0.332283	3.009487	2.1335%
1903	0.325341	3.073695	1.8151%
1902	0.319541	3.129487	1.8943%
1901	0.313600	3.188771	3.0255%
1900	0.304391	3.285247	0.6278%
1899	0.302492	3.305873	1.7757%
1898	0.297214	3.364574	1.8078%
1897	0.291937	3.425397	1.8396%
1896	0.286663	3.488411	1.8755%
1895	0.281386	3.553837	1.9114%
1894	0.276108	3.621765	1.9486%
1893	0.270831	3.692340	1.9858%
1892	0.265558	3.765663	2.0276%
1891	0.260280	3.842016	2.6465%
1890	0.253569	3.943696	1.5328%
1889	0.249741	4.004145	2.0811%
1888	0.244650	4.087477	2.1599%

1887	0.239477	4.175760	2.2075%
1886	0.234305	4.267942	2.2592%
1885	0.229129	4.364362	2.3095%
1884	0.223956	4.465158	2.3641%
1883	0.218784	4.570721	2.4214%
1882	0.213612	4.681396	2.4815%
1881	0.208439	4.797563	3.7644%
1880	0.200877	4.978162	0.9432%
1879	0.199000	5.025118	2.1464%
1878	0.194819	5.132976	2.1913%
1877	0.190641	5.245455	2.2426%
1876	0.186460	5.363090	2.2941%
1875	0.182278	5.486123	2.3456%
1874	0.178101	5.614805	2.4043%
1873	0.173919	5.749802	2.4635%
1872	0.169737	5.891451	2.5258%
1871	0.165556	6.040256	5.9947%
1870	0.156193	6.402350	-1.0968%
1869	0.157925	6.332130	2.1930%
1868	0.154536	6.470992	2.2394%
1867	0.151151	6.615903	2.2935%
1866	0.147762	6.767639	2.3445%
1865	0.144377	6.926305	2.4037%
1864	0.140988	7.092792	2.4599%
1863	0.137603	7.267266	2.5250%
1862	0.134214	7.450765	2.5872%
1861	0.130830	7.643535	2.9504%
1860	0.127080	7.869050	2.4012%
1859	0.124100	8.058005	2.7627%
1858	0.120764	8.280624	2.8412%
1857	0.117427	8.515894	2.9243%
1856	0.114091	8.764923	3.0161%
1855	0.110751	9.029285	3.1061%
1854	0.107414	9.309740	3.2056%
1853	0.104078	9.608175	3.3118%
1852	0.100742	9.926378	3.4252%
1851	0.097405	10.266379	4.0106%
1850	0.093649	10.678123	2.3254%
1849	0.091521	10.926428	2.7841%
1848	0.089042	11.230629	2.8590%
1847	0.086567	11.551714	2.9432%
1846	0.084092	11.891700	3.0324%
1845	0.081617	12.252304	3.1325%
1844	0.079138	12.636108	3.2284%
1843	0.076663	13.044047	3.3361%
1842	0.074188	13.479204	3.4512%
1841	0.071713	13.944397	3.8105%
1840	0.069081	14.475747	2.3861%
1839	0.067471	14.821146	2.5824%
1838	0.065773	15.203886	2.6573%
1837	0.064070	15.607903	2.7232%
1836	0.062372	16.032938	2.7994%
1835	0.060673	16.481770	2.8871%

1834	0.058971	16.957619	2.9657%
1833	0.057272	17.460528	3.0563%
1832	0.055574	17.994178	3.1604%
1831	0.053871	18.562871	3.4660%
1830	0.052066	19.206253	2.4653%
1829	0.050814	19.679745	2.6804%
1828	0.049487	20.207240	10.3427%
1827	0.044849	22.297205	-4.2314%
1826	0.046830	21.353713	2.9150%
1825	0.045504	21.976182	3.0026%
1824	0.044177	22.636031	3.0955%
1823	0.042851	23.336731	3.1944%
1822	0.041524	24.082197	3.3102%
1821	0.040194	24.879364	3.2277%
1820	0.038937	25.682405	2.6573%
1819	0.037929	26.364858	2.6261%
1818	0.036959	27.057227	2.6969%
1817	0.035988	27.786942	2.7717%
1816	0.035018	28.557108	2.8507%
1815	0.034047	29.371184	2.9343%
1814	0.033076	30.233036	3.0231%
1813	0.032106	31.146996	3.1039%
1812	0.031139	32.113766	3.2172%
1811	0.030169	33.146917	3.0969%
1810	0.029262	34.173449	2.9144%
1809	0.028434	35.169393	2.8225%
1808	0.027653	36.162036	2.9199%
1807	0.026869	37.217941	2.9918%
1806	0.026088	38.331421	3.0841%
1805	0.025308	39.513583	3.1822%
1804	0.024527	40.770981	3.2868%
1803	0.023747	42.111035	3.3985%
1802	0.022966	43.542173	3.5180%
1801	0.022186	45.074007	3.3999%
1800	0.021456	46.606499	2.8419%
1799	0.020863	47.930994	2.7485%
1798	0.020305	49.248357	2.8261%
1797	0.019747	50.640180	3.7832%
1796	0.019027	52.556004	2.1272%
1795	0.018631	53.673974	3.0879%
1794	0.018073	55.331394	3.1625%
1793	0.017519	57.081256	3.2904%
1792	0.016961	58.959466	3.4024%
1791	0.016403	60.965483	3.2296%
1790	0.015890	62.934402	41.3145%
1780	0.011244	88.935405	29.4353%
1770	0.008687	115.113822	83.4728%
1750	0.004735	211.202597	29.2845%
1740	0.003662	273.052120	94.2514%
1720	0.001885	530.407550	85.8111%
1700	0.001015	985.555998	19.2490%
1690	0.000851	1175.266160	88.0250%
1670	0.000453	2209.794459	

BASE YEAR: 1988

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.232506	0.811355	8.2857%
2001	1.138199	0.878581	1.0000%
2000	1.126930	0.887367	1.0000%
1999	1.115772	0.896241	1.0000%
1998	1.104725	0.905203	1.0000%
1997	1.093787	0.914255	1.0000%
1996	1.082957	0.923398	1.0000%
1995	1.072235	0.932632	0.9992%
1994	1.061627	0.941951	1.0008%
1993	1.051108	0.951377	1.0000%
1992	1.040701	0.960891	0.9295%
1991	1.031116	0.969823	1.2505%
1990	1.018381	0.981951	0.7224%
1989	1.011077	0.989045	1.1077%
1988	1.000000	1.000000	0.8834%
1987	0.991244	1.008834	0.5594%
1986	0.985730	1.014477	1.3056%
1985	0.973026	1.027722	0.7673%
1984	0.965617	1.035608	0.8149%
1983	0.957811	1.044047	0.9737%
1982	0.948574	1.054214	0.9508%
1981	0.939640	1.064237	0.9031%
1980	0.931231	1.073848	2.2701%
1979	0.910560	1.098225	1.0042%
1978	0.901508	1.109253	0.9896%
1977	0.892674	1.120230	0.9103%
1976	0.884621	1.130428	0.8394%
1975	0.877257	1.139917	0.9042%
1974	0.869396	1.150224	1.1568%
1973	0.859454	1.163530	0.9427%
1972	0.851427	1.174499	0.7426%
1971	0.845151	1.183221	1.4697%
1970	0.832909	1.200611	0.6968%
1969	0.827146	1.208977	0.8565%
1968	0.820121	1.219332	1.5090%
1967	0.807929	1.237733	0.9949%
1966	0.799970	1.250047	1.0575%
1965	0.791599	1.263266	1.1300%
1964	0.782754	1.277541	1.5537%
1963	0.770779	1.297389	1.4658%
1962	0.759644	1.316407	1.5364%
1961	0.748149	1.336633	2.1586%
1960	0.732340	1.365486	-1.6655%
1959	0.744744	1.342744	4.3080%
1958	0.713985	1.400589	2.1130%
1957	0.699211	1.430183	1.9895%
1956	0.685572	1.458636	2.1231%
1955	0.671319	1.489605	1.4496%

1954	0.661727	1.511198	2.1573%
1953	0.647753	1.543798	1.2298%
1952	0.639884	1.562783	1.6814%
1951	0.629303	1.589060	1.6233%
1950	0.619251	1.614854	1.4265%
1949	0.610541	1.637891	1.7790%
1948	0.599869	1.667030	1.8242%
1947	0.589123	1.697439	-2.6320%
1946	0.605048	1.652762	3.1768%
1945	0.586419	1.705267	6.4754%
1944	0.550755	1.815690	-0.3437%
1943	0.552654	1.809450	0.6562%
1942	0.549051	1.821324	0.6633%
1941	0.545433	1.833405	-5.6614%
1940	0.578166	1.729608	8.0381%
1939	0.535150	1.868635	0.8126%
1938	0.530836	1.883821	0.7762%
1937	0.526747	1.898444	0.6029%
1936	0.523591	1.909889	0.5244%
1935	0.520859	1.919904	-3.0364%
1934	0.537170	1.861609	4.6271%
1933	0.513414	1.947748	1.3921%
1932	0.506364	1.974863	-0.2051%
1931	0.507405	1.970813	0.8886%
1930	0.502936	1.988325	1.0126%
1929	0.497894	2.008459	1.1526%
1928	0.492221	2.031608	1.2160%
1927	0.486307	2.056312	1.4086%
1926	0.479553	2.085277	1.7667%
1925	0.471227	2.122118	1.4465%
1924	0.464508	2.152814	1.7700%
1923	0.456430	2.190918	1.6165%
1922	0.449169	2.226335	1.3736%
1921	0.443082	2.256917	2.3393%
1920	0.432954	2.309713	1.3140%
1919	0.427339	2.340063	0.7676%
1918	0.424083	2.358026	0.3870%
1917	0.422449	2.367152	1.3274%
1916	0.416914	2.398574	1.4083%
1915	0.411125	2.432353	1.4458%
1914	0.405265	2.467520	1.9424%
1913	0.397543	2.515449	1.9857%
1912	0.389803	2.565397	1.5634%
1911	0.383803	2.605505	1.8169%
1910	0.376954	2.652845	1.8781%
1909	0.370005	2.702667	2.0082%
1908	0.362721	2.756943	1.9603%
1907	0.355747	2.810986	1.8264%
1906	0.349366	2.862324	1.9357%
1905	0.342732	2.917729	2.0148%
1904	0.335963	2.976517	2.1335%
1903	0.328945	3.040022	1.8151%
1902	0.323081	3.095203	1.8943%

1901	0.317074	3.153837	3.0255%
1900	0.307763	3.249256	0.6278%
1899	0.305843	3.269656	1.7757%
1898	0.300507	3.327714	1.8078%
1897	0.295171	3.387871	1.8396%
1896	0.289839	3.450194	1.8755%
1895	0.284503	3.514904	1.9114%
1894	0.279167	3.582087	1.9486%
1893	0.273831	3.651889	1.9858%
1892	0.268499	3.724408	2.0276%
1891	0.263163	3.799925	2.6465%
1890	0.256378	3.900491	1.5328%
1889	0.252507	3.960279	2.0811%
1888	0.247360	4.042697	2.1599%
1887	0.242130	4.130013	2.2075%
1886	0.236900	4.221185	2.2592%
1885	0.231667	4.316548	2.3095%
1884	0.226437	4.416241	2.3641%
1883	0.221207	4.520647	2.4214%
1882	0.215978	4.630109	2.4815%
1881	0.210748	4.745004	3.7644%
1880	0.203102	4.923625	0.9432%
1879	0.201205	4.970066	2.1464%
1878	0.196977	5.076743	2.1913%
1877	0.192753	5.187989	2.2426%
1876	0.188525	5.304336	2.2941%
1875	0.184297	5.426020	2.3456%
1874	0.180073	5.553292	2.4043%
1873	0.175845	5.686811	2.4635%
1872	0.171618	5.826908	2.5258%
1871	0.167390	5.974083	5.9947%
1870	0.157923	6.332210	-1.0968%
1869	0.159674	6.262759	2.1930%
1868	0.156248	6.400099	2.2394%
1867	0.152825	6.543424	2.2935%
1866	0.149399	6.693497	2.3445%
1865	0.145976	6.850424	2.4037%
1864	0.142550	7.015088	2.4599%
1863	0.139128	7.187651	2.5250%
1862	0.135701	7.369139	2.5872%
1861	0.132279	7.559797	2.9504%
1860	0.128488	7.782842	2.4012%
1859	0.125475	7.969727	2.7627%
1858	0.122102	8.189907	2.8412%
1857	0.118728	8.422599	2.9243%
1856	0.115355	8.668900	3.0161%
1855	0.111977	8.930366	3.1061%
1854	0.108604	9.207748	3.2056%
1853	0.105231	9.502914	3.3118%
1852	0.101858	9.817631	3.4252%
1851	0.098484	10.153907	4.0106%
1850	0.094687	10.561140	2.3254%
1849	0.092535	10.806725	2.7841%

1848	0.090028	11.107594	2.8590%
1847	0.087526	11.425161	2.9432%
1846	0.085024	11.761422	3.0324%
1845	0.082521	12.118076	3.1325%
1844	0.080015	12.497675	3.2284%
1843	0.077513	12.901145	3.3361%
1842	0.075010	13.331534	3.4512%
1841	0.072508	13.791631	3.8105%
1840	0.069846	14.317160	2.3861%
1839	0.068219	14.658775	2.5824%
1838	0.066501	15.037322	2.6573%
1837	0.064780	15.436912	2.7232%
1836	0.063062	15.857291	2.7994%
1835	0.061345	16.301206	2.8871%
1834	0.059624	16.771842	2.9657%
1833	0.057906	17.269242	3.0563%
1832	0.056189	17.797046	3.1604%
1831	0.054468	18.359508	3.4660%
1830	0.052643	18.995842	2.4653%
1829	0.051377	19.464146	2.6804%
1828	0.050035	19.985863	10.3427%
1827	0.045345	22.052931	-4.2314%
1826	0.047349	21.119775	2.9150%
1825	0.046008	21.735425	3.0026%
1824	0.044667	22.388045	3.0955%
1823	0.043326	23.081068	3.1944%
1822	0.041984	23.818368	3.3102%
1821	0.040639	24.606801	3.2277%
1820	0.039368	25.401045	2.6573%
1819	0.038349	26.076021	2.6261%
1818	0.037368	26.760805	2.6969%
1817	0.036387	27.482526	2.7717%
1816	0.035405	28.244255	2.8507%
1815	0.034424	29.049412	2.9343%
1814	0.033443	29.901822	3.0231%
1813	0.032461	30.805769	3.1039%
1812	0.031484	31.761948	3.2172%
1811	0.030503	32.783780	3.0969%
1810	0.029587	33.799066	2.9144%
1809	0.028749	34.784099	2.8225%
1808	0.027960	35.765867	2.9199%
1807	0.027166	36.810205	2.9918%
1806	0.026377	37.911487	3.0841%
1805	0.025588	39.080697	3.1822%
1804	0.024799	40.324320	3.2868%
1803	0.024010	41.649693	3.3985%
1802	0.023221	43.065152	3.5180%
1801	0.022431	44.580204	3.3999%
1800	0.021694	46.095908	2.8419%
1799	0.021094	47.405893	2.7485%
1798	0.020530	48.708823	2.8261%
1797	0.019966	50.085398	3.7832%
1796	0.019238	51.980234	2.1272%

1795	0.018837	53.085956	3.0879%
1794	0.018273	54.725218	3.1625%
1793	0.017713	56.455910	3.2904%
1792	0.017149	58.313543	3.4024%
1791	0.016584	60.297584	3.2296%
1790	0.016066	62.244932	41.3145%
1780	0.011369	87.961085	29.4353%
1770	0.008783	113.852707	83.4728%
1750	0.004787	208.888794	29.2845%
1740	0.003703	270.060733	94.2514%
1720	0.001906	524.596740	85.8111%
1700	0.001026	974.758868	19.2490%
1690	0.000860	1162.390684	88.0250%
1670	0.000458	2185.585344	

BASE YEAR: 1987

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.243394	0.804250	8.2857%
2001	1.148253	0.870888	1.0000%
2000	1.136884	0.879597	1.0000%
1999	1.125628	0.888393	1.0000%
1998	1.114483	0.897277	1.0000%
1997	1.103449	0.906250	1.0000%
1996	1.092524	0.915312	1.0000%
1995	1.081707	0.924465	0.9992%
1994	1.071005	0.933703	1.0008%
1993	1.060393	0.943047	1.0000%
1992	1.049894	0.952477	0.9295%
1991	1.040225	0.961331	1.2505%
1990	1.027377	0.973352	0.7224%
1989	1.020008	0.980384	1.1077%
1988	1.008834	0.991244	0.8834%
1987	1.000000	1.000000	0.5594%
1986	0.994437	1.005594	1.3056%
1985	0.981621	1.018723	0.7673%
1984	0.974147	1.026539	0.8149%
1983	0.966272	1.034905	0.9737%
1982	0.956954	1.044983	0.9508%
1981	0.947941	1.054918	0.9031%
1980	0.939457	1.064445	2.2701%
1979	0.918604	1.088609	1.0042%
1978	0.909471	1.099540	0.9896%
1977	0.900559	1.110421	0.9103%
1976	0.892435	1.120530	0.8394%
1975	0.885006	1.129936	0.9042%
1974	0.877076	1.140153	1.1568%
1973	0.867046	1.153342	0.9427%
1972	0.858948	1.164214	0.7426%
1971	0.852617	1.172860	1.4697%
1970	0.840267	1.190098	0.6968%
1969	0.834452	1.198391	0.8565%

1968	0.827366	1.208656	1.5090%
1967	0.815066	1.226895	0.9949%
1966	0.807037	1.239101	1.0575%
1965	0.798592	1.252204	1.1300%
1964	0.789668	1.266354	1.5537%
1963	0.777587	1.286029	1.4658%
1962	0.766354	1.304880	1.5364%
1961	0.754758	1.324929	2.1586%
1960	0.738809	1.353529	-1.6655%
1959	0.751323	1.330986	4.3080%
1958	0.720292	1.388325	2.1130%
1957	0.705388	1.417660	1.9895%
1956	0.691628	1.445864	2.1231%
1955	0.677249	1.476561	1.4496%
1954	0.667572	1.497966	2.1573%
1953	0.653475	1.530280	1.2298%
1952	0.645536	1.549099	1.6814%
1951	0.634862	1.575145	1.6233%
1950	0.624721	1.600714	1.4265%
1949	0.615935	1.623549	1.7790%
1948	0.605168	1.652433	1.8242%
1947	0.594327	1.682576	-2.6320%
1946	0.610393	1.638290	3.1768%
1945	0.591599	1.690335	6.4754%
1944	0.555620	1.799791	-0.3437%
1943	0.557536	1.793606	0.6562%
1942	0.553901	1.805376	0.6633%
1941	0.550252	1.817351	-5.6614%
1940	0.583273	1.714463	8.0381%
1939	0.539877	1.852273	0.8126%
1938	0.535525	1.867325	0.7762%
1937	0.531400	1.881820	0.6029%
1936	0.528216	1.893165	0.5244%
1935	0.525460	1.903093	-3.0364%
1934	0.541915	1.845308	4.6271%
1933	0.517949	1.930693	1.3921%
1932	0.510837	1.957570	-0.2051%
1931	0.511887	1.953556	0.8886%
1930	0.507379	1.970915	1.0126%
1929	0.502292	1.990872	1.1526%
1928	0.496569	2.013819	1.2160%
1927	0.490603	2.038307	1.4086%
1926	0.483789	2.067018	1.7667%
1925	0.475390	2.103536	1.4465%
1924	0.468612	2.133963	1.7700%
1923	0.460462	2.171734	1.6165%
1922	0.453137	2.206840	1.3736%
1921	0.446996	2.237155	2.3393%
1920	0.436779	2.289489	1.3140%
1919	0.431114	2.319573	0.7676%
1918	0.427830	2.337379	0.3870%
1917	0.426180	2.346424	1.3274%
1916	0.420597	2.377571	1.4083%

1915	0.414756	2.411054	1.4458%
1914	0.408845	2.445914	1.9424%
1913	0.401055	2.493423	1.9857%
1912	0.393247	2.542934	1.5634%
1911	0.387193	2.582690	1.8169%
1910	0.380284	2.629615	1.8781%
1909	0.373273	2.679001	2.0082%
1908	0.365925	2.732802	1.9603%
1907	0.358890	2.786372	1.8264%
1906	0.352453	2.837261	1.9357%
1905	0.345760	2.892181	2.0148%
1904	0.338931	2.950454	2.1335%
1903	0.331851	3.013402	1.8151%
1902	0.325935	3.068100	1.8943%
1901	0.319875	3.126221	3.0255%
1900	0.310481	3.220804	0.6278%
1899	0.308544	3.241026	1.7757%
1898	0.303161	3.298575	1.8078%
1897	0.297778	3.358206	1.8396%
1896	0.292399	3.419983	1.8755%
1895	0.287016	3.484126	1.9114%
1894	0.281633	3.550721	1.9486%
1893	0.276250	3.619912	1.9858%
1892	0.270871	3.691796	2.0276%
1891	0.265488	3.766652	2.6465%
1890	0.258643	3.866337	1.5328%
1889	0.254738	3.925601	2.0811%
1888	0.249545	4.007298	2.1599%
1887	0.244269	4.093850	2.2075%
1886	0.238993	4.184223	2.2592%
1885	0.233713	4.278751	2.3095%
1884	0.228437	4.377571	2.3641%
1883	0.223161	4.481063	2.4214%
1882	0.217885	4.589567	2.4815%
1881	0.212610	4.703455	3.7644%
1880	0.204897	4.880512	0.9432%
1879	0.202982	4.926546	2.1464%
1878	0.198717	5.032289	2.1913%
1877	0.194456	5.142562	2.2426%
1876	0.190190	5.257889	2.2941%
1875	0.185925	5.378508	2.3456%
1874	0.181664	5.504666	2.4043%
1873	0.177399	5.637016	2.4635%
1872	0.173134	5.775886	2.5258%
1871	0.168868	5.921772	5.9947%
1870	0.159318	6.276763	-1.0968%
1869	0.161085	6.207920	2.1930%
1868	0.157628	6.344058	2.2394%
1867	0.154175	6.486127	2.2935%
1866	0.150718	6.634887	2.3445%
1865	0.147266	6.790440	2.4037%
1864	0.143809	6.953661	2.4599%
1863	0.140357	7.124713	2.5250%

1862	0.136900	7.304613	2.5872%
1861	0.133447	7.493601	2.9504%
1860	0.129623	7.714693	2.4012%
1859	0.126583	7.899941	2.7627%
1858	0.123180	8.118194	2.8412%
1857	0.119777	8.348848	2.9243%
1856	0.116374	8.592992	3.0161%
1855	0.112967	8.852169	3.1061%
1854	0.109564	9.127122	3.2056%
1853	0.106160	9.419704	3.3118%
1852	0.102757	9.731665	3.4252%
1851	0.099354	10.064996	4.0106%
1850	0.095523	10.468664	2.3254%
1849	0.093352	10.712098	2.7841%
1848	0.090824	11.010332	2.8590%
1847	0.088299	11.325119	2.9432%
1846	0.085775	11.658435	3.0324%
1845	0.083250	12.011966	3.1325%
1844	0.080722	12.388242	3.2284%
1843	0.078197	12.788179	3.3361%
1842	0.075673	13.214800	3.4512%
1841	0.073148	13.670868	3.8105%
1840	0.070463	14.191795	2.3861%
1839	0.068821	14.530418	2.5824%
1838	0.067089	14.905651	2.6573%
1837	0.065352	15.301742	2.7232%
1836	0.063620	15.718440	2.7994%
1835	0.061887	16.158468	2.8871%
1834	0.060150	16.624983	2.9657%
1833	0.058418	17.118027	3.0563%
1832	0.056685	17.641209	3.1604%
1831	0.054949	18.198746	3.4660%
1830	0.053108	18.829509	2.4653%
1829	0.051830	19.293713	2.6804%
1828	0.050477	19.810861	10.3427%
1827	0.045746	21.859829	-4.2314%
1826	0.047767	20.934845	2.9150%
1825	0.046414	21.545103	3.0026%
1824	0.045061	22.192008	3.0955%
1823	0.043708	22.878964	3.1944%
1822	0.042355	23.609807	3.3102%
1821	0.040998	24.391337	3.2277%
1820	0.039716	25.178626	2.6573%
1819	0.038688	25.847692	2.6261%
1818	0.037698	26.526480	2.6969%
1817	0.036708	27.241881	2.7717%
1816	0.035718	27.996940	2.8507%
1815	0.034728	28.795047	2.9343%
1814	0.033738	29.639993	3.0231%
1813	0.032748	30.536025	3.1039%
1812	0.031762	31.483831	3.2172%
1811	0.030772	32.496716	3.0969%
1810	0.029848	33.503112	2.9144%

1809	0.029003	34.479519	2.8225%
1808	0.028207	35.452691	2.9199%
1807	0.027406	36.487884	2.9918%
1806	0.026610	37.579523	3.0841%
1805	0.025814	38.738495	3.1822%
1804	0.025018	39.971228	3.2868%
1803	0.024222	41.284997	3.3985%
1802	0.023426	42.688061	3.5180%
1801	0.022630	44.189847	3.3999%
1800	0.021886	45.692278	2.8419%
1799	0.021281	46.990793	2.7485%
1798	0.020712	48.282314	2.8261%
1797	0.020142	49.646836	3.7832%
1796	0.019408	51.525080	2.1272%
1795	0.019004	52.621120	3.0879%
1794	0.018435	54.246028	3.1625%
1793	0.017869	55.961565	3.2904%
1792	0.017300	57.802933	3.4024%
1791	0.016731	59.769601	3.2296%
1790	0.016207	61.699898	41.3145%
1780	0.011469	87.190872	29.4353%
1770	0.008861	112.855780	83.4728%
1750	0.004830	207.059703	29.2845%
1740	0.003736	267.696003	94.2514%
1720	0.001923	520.003218	85.8111%
1700	0.001035	966.223595	19.2490%
1690	0.000868	1152.212452	88.0250%
1670	0.000462	2166.447721	

BASE YEAR: 1986

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.250349	0.799777	8.2857%
2001	1.154676	0.866044	1.0000%
2000	1.143244	0.874704	1.0000%
1999	1.131924	0.883451	1.0000%
1998	1.120717	0.892286	1.0000%
1997	1.109621	0.901209	1.0000%
1996	1.098635	0.910221	1.0000%
1995	1.087757	0.919323	0.9992%
1994	1.076996	0.928509	1.0008%
1993	1.066324	0.937801	1.0000%
1992	1.055766	0.947179	0.9295%
1991	1.046043	0.955983	1.2505%
1990	1.033124	0.967938	0.7224%
1989	1.025714	0.974931	1.1077%
1988	1.014477	0.985730	0.8834%
1987	1.005594	0.994437	0.5594%
1986	1.000000	1.000000	1.3056%
1985	0.987112	1.013056	0.7673%
1984	0.979596	1.020829	0.8149%
1983	0.971677	1.029148	0.9737%

1982	0.962307	1.039170	0.9508%
1981	0.953243	1.049050	0.9031%
1980	0.944712	1.058524	2.2701%
1979	0.923742	1.082553	1.0042%
1978	0.914558	1.093424	0.9896%
1977	0.905597	1.104244	0.9103%
1976	0.897427	1.114297	0.8394%
1975	0.889956	1.123651	0.9042%
1974	0.881982	1.133810	1.1568%
1973	0.871896	1.146926	0.9427%
1972	0.863753	1.157738	0.7426%
1971	0.857386	1.166336	1.4697%
1970	0.844967	1.183478	0.6968%
1969	0.839120	1.191725	0.8565%
1968	0.831994	1.201932	1.5090%
1967	0.819625	1.220070	0.9949%
1966	0.811551	1.232209	1.0575%
1965	0.803059	1.245239	1.1300%
1964	0.794085	1.259310	1.5537%
1963	0.781937	1.278876	1.4658%
1962	0.770641	1.297622	1.5364%
1961	0.758979	1.317559	2.1586%
1960	0.742942	1.346000	-1.6655%
1959	0.755525	1.323583	4.3080%
1958	0.724321	1.380602	2.1130%
1957	0.709334	1.409774	1.9895%
1956	0.695497	1.437821	2.1231%
1955	0.681038	1.468348	1.4496%
1954	0.671306	1.489633	2.1573%
1953	0.657130	1.521768	1.2298%
1952	0.649147	1.540482	1.6814%
1951	0.638413	1.566384	1.6233%
1950	0.628216	1.591810	1.4265%
1949	0.619380	1.614518	1.7790%
1948	0.608553	1.643241	1.8242%
1947	0.597651	1.673216	-2.6320%
1946	0.613807	1.629177	3.1768%
1945	0.594908	1.680932	6.4754%
1944	0.558728	1.789780	-0.3437%
1943	0.560655	1.783629	0.6562%
1942	0.557000	1.795333	0.6633%
1941	0.553329	1.807242	-5.6614%
1940	0.586536	1.704926	8.0381%
1939	0.542897	1.841970	0.8126%
1938	0.538521	1.856938	0.7762%
1937	0.534373	1.871353	0.6029%
1936	0.531171	1.882635	0.5244%
1935	0.528400	1.892507	-3.0364%
1934	0.544946	1.835043	4.6271%
1933	0.520846	1.919953	1.3921%
1932	0.513695	1.946681	-0.2051%
1931	0.514750	1.942689	0.8886%
1930	0.510217	1.959952	1.0126%

1929	0.505102	1.979798	1.1526%
1928	0.499347	2.002617	1.2160%
1927	0.493348	2.026969	1.4086%
1926	0.486495	2.055520	1.7667%
1925	0.478049	2.091835	1.4465%
1924	0.471233	2.122093	1.7700%
1923	0.463037	2.159654	1.6165%
1922	0.455671	2.194565	1.3736%
1921	0.449497	2.224710	2.3393%
1920	0.439222	2.276753	1.3140%
1919	0.433525	2.306670	0.7676%
1918	0.430223	2.324377	0.3870%
1917	0.428564	2.333372	1.3274%
1916	0.422950	2.364346	1.4083%
1915	0.417076	2.397643	1.4458%
1914	0.411132	2.432308	1.9424%
1913	0.403299	2.479553	1.9857%
1912	0.395446	2.528789	1.5634%
1911	0.389359	2.568324	1.8169%
1910	0.382411	2.614988	1.8781%
1909	0.375361	2.664099	2.0082%
1908	0.367972	2.717601	1.9603%
1907	0.360897	2.770873	1.8264%
1906	0.354424	2.821479	1.9357%
1905	0.347694	2.876093	2.0148%
1904	0.340827	2.934042	2.1335%
1903	0.333707	2.996640	1.8151%
1902	0.327758	3.051034	1.8943%
1901	0.321664	3.108831	3.0255%
1900	0.312218	3.202889	0.6278%
1899	0.310270	3.222998	1.7757%
1898	0.304857	3.280227	1.8078%
1897	0.299444	3.339525	1.8396%
1896	0.294035	3.400959	1.8755%
1895	0.288621	3.464746	1.9114%
1894	0.283208	3.530970	1.9486%
1893	0.277795	3.599776	1.9858%
1892	0.272386	3.671261	2.0276%
1891	0.266973	3.745700	2.6465%
1890	0.260089	3.844831	1.5328%
1889	0.256163	3.903765	2.0811%
1888	0.250941	3.985007	2.1599%
1887	0.245635	4.071078	2.2075%
1886	0.240330	4.160948	2.2592%
1885	0.235020	4.254951	2.3095%
1884	0.229715	4.353221	2.3641%
1883	0.224410	4.456137	2.4214%
1882	0.219104	4.564037	2.4815%
1881	0.213799	4.677292	3.7644%
1880	0.206043	4.853364	0.9432%
1879	0.204117	4.899142	2.1464%
1878	0.199828	5.004297	2.1913%
1877	0.195543	5.113956	2.2426%

1876	0.191254	5.228642	2.2941%
1875	0.186965	5.348590	2.3456%
1874	0.182680	5.474046	2.4043%
1873	0.178391	5.605660	2.4635%
1872	0.174102	5.743758	2.5258%
1871	0.169813	5.888832	5.9947%
1870	0.160209	6.241848	-1.0968%
1869	0.161986	6.173389	2.1930%
1868	0.158510	6.308769	2.2394%
1867	0.155038	6.450048	2.2935%
1866	0.151562	6.597980	2.3445%
1865	0.148090	6.752668	2.4037%
1864	0.144614	6.914981	2.4599%
1863	0.141142	7.085082	2.5250%
1862	0.137666	7.263981	2.5872%
1861	0.134194	7.451918	2.9504%
1860	0.130348	7.671780	2.4012%
1859	0.127291	7.855998	2.7627%
1858	0.123869	8.073036	2.8412%
1857	0.120447	8.302407	2.9243%
1856	0.117025	8.545194	3.0161%
1855	0.113599	8.802929	3.1061%
1854	0.110176	9.076353	3.2056%
1853	0.106754	9.367306	3.3118%
1852	0.103332	9.677532	3.4252%
1851	0.099910	10.009009	4.0106%
1850	0.096058	10.410431	2.3254%
1849	0.093875	10.652512	2.7841%
1848	0.091332	10.949087	2.8590%
1847	0.088793	11.262123	2.9432%
1846	0.086255	11.593585	3.0324%
1845	0.083716	11.945149	3.1325%
1844	0.081173	12.319332	3.2284%
1843	0.078635	12.717044	3.3361%
1842	0.076096	13.141292	3.4512%
1841	0.073557	13.594823	3.8105%
1840	0.070857	14.112852	2.3861%
1839	0.069206	14.449592	2.5824%
1838	0.067464	14.822737	2.6573%
1837	0.065718	15.216626	2.7232%
1836	0.063975	15.631006	2.7994%
1835	0.062233	16.068586	2.8871%
1834	0.060487	16.532506	2.9657%
1833	0.058745	17.022808	3.0563%
1832	0.057003	17.543080	3.1604%
1831	0.055256	18.097515	3.4660%
1830	0.053405	18.724769	2.4653%
1829	0.052120	19.186391	2.6804%
1828	0.050760	19.700662	10.3427%
1827	0.046002	21.738233	-4.2314%
1826	0.048034	20.818394	2.9150%
1825	0.046674	21.425258	3.0026%
1824	0.045313	22.068565	3.0955%

1823	0.043953	22.751699	3.1944%
1822	0.042592	23.478477	3.3102%
1821	0.041227	24.255660	3.2277%
1820	0.039938	25.038569	2.6573%
1819	0.038905	25.703913	2.6261%
1818	0.037909	26.378925	2.6969%
1817	0.036914	27.090347	2.7717%
1816	0.035918	27.841206	2.8507%
1815	0.034922	28.634874	2.9343%
1814	0.033927	29.475119	3.0231%
1813	0.032931	30.366167	3.1039%
1812	0.031940	31.308701	3.2172%
1811	0.030944	32.315952	3.0969%
1810	0.030015	33.316749	2.9144%
1809	0.029165	34.287726	2.8225%
1808	0.028364	35.255484	2.9199%
1807	0.027560	36.284919	2.9918%
1806	0.026759	37.370485	3.0841%
1805	0.025959	38.523011	3.1822%
1804	0.025158	39.748887	3.2868%
1803	0.024357	41.055347	3.3985%
1802	0.023557	42.450608	3.5180%
1801	0.022756	43.944039	3.3999%
1800	0.022008	45.438113	2.8419%
1799	0.021400	46.729405	2.7485%
1798	0.020827	48.013742	2.8261%
1797	0.020255	49.370674	3.7832%
1796	0.019517	51.238470	2.1272%
1795	0.019110	52.328413	3.0879%
1794	0.018538	53.944283	3.1625%
1793	0.017969	55.650277	3.2904%
1792	0.017397	57.481402	3.4024%
1791	0.016825	59.437130	3.2296%
1790	0.016298	61.356690	41.3145%
1780	0.011533	86.705870	29.4353%
1770	0.008910	112.228015	83.4728%
1750	0.004857	205.907926	29.2845%
1740	0.003756	266.206935	94.2514%
1720	0.001934	517.110682	85.8111%
1700	0.001041	960.848944	19.2490%
1690	0.000873	1145.803232	88.0250%
1670	0.000464	2154.396783	

BASE YEAR: 1985

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.266674	0.789469	8.2857%
2001	1.169752	0.854882	1.0000%
2000	1.158170	0.863431	1.0000%
1999	1.146703	0.872065	1.0000%
1998	1.135350	0.880786	1.0000%
1997	1.124109	0.889594	1.0000%

1996	1.112979	0.898490	1.0000%
1995	1.101959	0.907475	0.9992%
1994	1.091057	0.916542	1.0008%
1993	1.080246	0.925715	1.0000%
1992	1.069551	0.934972	0.9295%
1991	1.059701	0.943663	1.2505%
1990	1.046613	0.955463	0.7224%
1989	1.039106	0.962366	1.1077%
1988	1.027722	0.973026	0.8834%
1987	1.018723	0.981621	0.5594%
1986	1.013056	0.987112	1.3056%
1985	1.000000	1.000000	0.7673%
1984	0.992386	1.007673	0.8149%
1983	0.984364	1.015885	0.9737%
1982	0.974871	1.025777	0.9508%
1981	0.965689	1.035530	0.9031%
1980	0.957046	1.044882	2.2701%
1979	0.935803	1.068601	1.0042%
1978	0.926499	1.079332	0.9896%
1977	0.917420	1.090013	0.9103%
1976	0.909144	1.099936	0.8394%
1975	0.901576	1.109169	0.9042%
1974	0.893497	1.119198	1.1568%
1973	0.883279	1.132145	0.9427%
1972	0.875030	1.142817	0.7426%
1971	0.868580	1.151304	1.4697%
1970	0.855999	1.168225	0.6968%
1969	0.850076	1.176366	0.8565%
1968	0.842856	1.186442	1.5090%
1967	0.830326	1.204346	0.9949%
1966	0.822147	1.216328	1.0575%
1965	0.813544	1.229190	1.1300%
1964	0.804453	1.243080	1.5537%
1963	0.792146	1.262393	1.4658%
1962	0.780702	1.280898	1.5364%
1961	0.768889	1.300578	2.1586%
1960	0.752642	1.328653	-1.6655%
1959	0.765390	1.306524	4.3080%
1958	0.733778	1.362809	2.1130%
1957	0.718595	1.391605	1.9895%
1956	0.704577	1.419291	2.1231%
1955	0.689929	1.449424	1.4496%
1954	0.680071	1.470435	2.1573%
1953	0.665710	1.502156	1.2298%
1952	0.657623	1.520629	1.6814%
1951	0.646749	1.546196	1.6233%
1950	0.636418	1.571295	1.4265%
1949	0.627467	1.593710	1.7790%
1948	0.616499	1.622063	1.8242%
1947	0.605454	1.651652	-2.6320%
1946	0.621821	1.608180	3.1768%
1945	0.602675	1.659268	6.4754%
1944	0.566023	1.766713	-0.3437%

1943	0.567975	1.760641	0.6562%
1942	0.564272	1.772195	0.6633%
1941	0.560554	1.783950	-5.6614%
1940	0.594194	1.682953	8.0381%
1939	0.549985	1.818230	0.8126%
1938	0.545552	1.833006	0.7762%
1937	0.541350	1.847235	0.6029%
1936	0.538106	1.858371	0.5244%
1935	0.535299	1.868116	-3.0364%
1934	0.552061	1.811393	4.6271%
1933	0.527646	1.895209	1.3921%
1932	0.520402	1.921592	-0.2051%
1931	0.521471	1.917651	0.8886%
1930	0.516878	1.934692	1.0126%
1929	0.511697	1.954282	1.1526%
1928	0.505866	1.976807	1.2160%
1927	0.499789	2.000845	1.4086%
1926	0.492847	2.029029	1.7667%
1925	0.484291	2.064875	1.4465%
1924	0.477385	2.094744	1.7700%
1923	0.469083	2.131820	1.6165%
1922	0.461621	2.166281	1.3736%
1921	0.455365	2.196038	2.3393%
1920	0.444957	2.247410	1.3140%
1919	0.439186	2.276942	0.7676%
1918	0.435840	2.294420	0.3870%
1917	0.434160	2.303300	1.3274%
1916	0.428472	2.333874	1.4083%
1915	0.422522	2.366742	1.4458%
1914	0.416500	2.400961	1.9424%
1913	0.408564	2.447596	1.9857%
1912	0.400609	2.496198	1.5634%
1911	0.394443	2.535223	1.8169%
1910	0.387404	2.581286	1.8781%
1909	0.380262	2.629764	2.0082%
1908	0.372776	2.682576	1.9603%
1907	0.365609	2.735162	1.8264%
1906	0.359052	2.785115	1.9357%
1905	0.352233	2.839026	2.0148%
1904	0.345277	2.896228	2.1335%
1903	0.338064	2.958020	1.8151%
1902	0.332037	3.011712	1.8943%
1901	0.325864	3.068764	3.0255%
1900	0.316295	3.161610	0.6278%
1899	0.314321	3.181460	1.7757%
1898	0.308837	3.237951	1.8078%
1897	0.303353	3.296486	1.8396%
1896	0.297874	3.357128	1.8755%
1895	0.292390	3.420092	1.9114%
1894	0.286906	3.485463	1.9486%
1893	0.281422	3.553382	1.9858%
1892	0.275942	3.623945	2.0276%
1891	0.270458	3.697425	2.6465%

1890	0.263485	3.795278	1.5328%
1889	0.259508	3.853453	2.0811%
1888	0.254217	3.933649	2.1599%
1887	0.248842	4.018610	2.2075%
1886	0.243468	4.107322	2.2592%
1885	0.238089	4.200113	2.3095%
1884	0.232714	4.297116	2.3641%
1883	0.227340	4.398706	2.4214%
1882	0.221965	4.505216	2.4815%
1881	0.216590	4.617011	3.7644%
1880	0.208733	4.790814	0.9432%
1879	0.206782	4.836002	2.1464%
1878	0.202437	4.939802	2.1913%
1877	0.198096	5.048047	2.2426%
1876	0.193751	5.161255	2.2941%
1875	0.189406	5.279657	2.3456%
1874	0.185065	5.403497	2.4043%
1873	0.180720	5.533414	2.4635%
1872	0.176375	5.669732	2.5258%
1871	0.172030	5.812937	5.9947%
1870	0.162301	6.161403	-1.0968%
1869	0.164101	6.093826	2.1930%
1868	0.160579	6.227462	2.2394%
1867	0.157062	6.366920	2.2935%
1866	0.153540	6.512945	2.3445%
1865	0.150023	6.665640	2.4037%
1864	0.146502	6.825861	2.4599%
1863	0.142984	6.993769	2.5250%
1862	0.139463	7.170363	2.5872%
1861	0.135946	7.355878	2.9504%
1860	0.132050	7.572906	2.4012%
1859	0.128953	7.754750	2.7627%
1858	0.125486	7.968991	2.8412%
1857	0.122020	8.195406	2.9243%
1856	0.118553	8.435063	3.0161%
1855	0.115082	8.689476	3.1061%
1854	0.111615	8.959377	3.2056%
1853	0.108148	9.246581	3.3118%
1852	0.104681	9.552808	3.4252%
1851	0.101214	9.880013	4.0106%
1850	0.097312	10.276262	2.3254%
1849	0.095100	10.515222	2.7841%
1848	0.092524	10.807975	2.8590%
1847	0.089953	11.116977	2.9432%
1846	0.087381	11.444167	3.0324%
1845	0.084809	11.791200	3.1325%
1844	0.082233	12.160560	3.2284%
1843	0.079661	12.553147	3.3361%
1842	0.077090	12.971927	3.4512%
1841	0.074518	13.419613	3.8105%
1840	0.071783	13.930966	2.3861%
1839	0.070110	14.263366	2.5824%
1838	0.068345	14.631702	2.6573%

1837	0.066576	15.020514	2.7232%
1836	0.064811	15.429553	2.7994%
1835	0.063046	15.861494	2.8871%
1834	0.061277	16.319435	2.9657%
1833	0.059512	16.803418	3.0563%
1832	0.057747	17.316984	3.1604%
1831	0.055978	17.864274	3.4660%
1830	0.054102	18.483444	2.4653%
1829	0.052801	18.939117	2.6804%
1828	0.051422	19.446760	10.3427%
1827	0.046603	21.458070	-4.2314%
1826	0.048662	20.550086	2.9150%
1825	0.047283	21.149129	3.0026%
1824	0.045905	21.784145	3.0955%
1823	0.044527	22.458475	3.1944%
1822	0.043148	23.175886	3.3102%
1821	0.041766	23.943053	3.2277%
1820	0.040460	24.715872	2.6573%
1819	0.039413	25.372641	2.6261%
1818	0.038404	26.038954	2.6969%
1817	0.037395	26.741207	2.7717%
1816	0.036387	27.482388	2.8507%
1815	0.035378	28.265827	2.9343%
1814	0.034370	29.095244	3.0231%
1813	0.033361	29.974808	3.1039%
1812	0.032357	30.905195	3.2172%
1811	0.031348	31.899464	3.0969%
1810	0.030407	32.887363	2.9144%
1809	0.029546	33.845826	2.8225%
1808	0.028735	34.801111	2.9199%
1807	0.027919	35.817279	2.9918%
1806	0.027108	36.888854	3.0841%
1805	0.026297	38.026526	3.1822%
1804	0.025486	39.236603	3.2868%
1803	0.024675	40.526226	3.3985%
1802	0.023864	41.903504	3.5180%
1801	0.023053	43.377689	3.3999%
1800	0.022295	44.852507	2.8419%
1799	0.021679	46.127156	2.7485%
1798	0.021099	47.394941	2.8261%
1797	0.020519	48.734385	3.7832%
1796	0.019771	50.578108	2.1272%
1795	0.019360	51.654005	3.0879%
1794	0.018780	53.249049	3.1625%
1793	0.018204	54.933056	3.2904%
1792	0.017624	56.740582	3.4024%
1791	0.017044	58.671105	3.2296%
1790	0.016511	60.565925	41.3145%
1780	0.011684	85.588405	29.4353%
1770	0.009027	110.781621	83.4728%
1750	0.004920	203.254185	29.2845%
1740	0.003806	262.776060	94.2514%
1720	0.001959	510.446160	85.8111%

1700	0.001054	948.465524	19.2490%
1690	0.000884	1131.036122	88.0250%
1670	0.000470	2126.630920	

BASE YEAR: 1984

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.276393	0.783458	8.2857%
2001	1.178727	0.848373	1.0000%
2000	1.167057	0.856856	1.0000%
1999	1.155502	0.865425	1.0000%
1998	1.144061	0.874079	1.0000%
1997	1.132734	0.882820	1.0000%
1996	1.121519	0.891648	1.0000%
1995	1.110414	0.900565	0.9992%
1994	1.099429	0.909563	1.0008%
1993	1.088535	0.918666	1.0000%
1992	1.077757	0.927853	0.9295%
1991	1.067832	0.936477	1.2505%
1990	1.054643	0.948188	0.7224%
1989	1.047079	0.955038	1.1077%
1988	1.035608	0.965617	0.8834%
1987	1.026539	0.974147	0.5594%
1986	1.020829	0.979596	1.3056%
1985	1.007673	0.992386	0.7673%
1984	1.000000	1.000000	0.8149%
1983	0.991916	1.008149	0.9737%
1982	0.982351	1.017966	0.9508%
1981	0.973099	1.027645	0.9031%
1980	0.964389	1.036925	2.2701%
1979	0.942983	1.060464	1.0042%
1978	0.933608	1.071113	0.9896%
1977	0.924459	1.081713	0.9103%
1976	0.916120	1.091560	0.8394%
1975	0.908493	1.100723	0.9042%
1974	0.900353	1.110676	1.1568%
1973	0.890057	1.123524	0.9427%
1972	0.881744	1.134115	0.7426%
1971	0.875245	1.142538	1.4697%
1970	0.862567	1.159330	0.6968%
1969	0.856598	1.167409	0.8565%
1968	0.849323	1.177408	1.5090%
1967	0.836697	1.195175	0.9949%
1966	0.828455	1.207066	1.0575%
1965	0.819786	1.219831	1.1300%
1964	0.810626	1.233615	1.5537%
1963	0.798224	1.252781	1.4658%
1962	0.786693	1.271145	1.5364%
1961	0.774788	1.290675	2.1586%
1960	0.758417	1.318536	-1.6655%
1959	0.771262	1.296576	4.3080%
1958	0.739409	1.352432	2.1130%

1957	0.724108	1.381009	1.9895%
1956	0.709983	1.408484	2.1231%
1955	0.695223	1.438387	1.4496%
1954	0.685289	1.459238	2.1573%
1953	0.670818	1.490718	1.2298%
1952	0.662669	1.509050	1.6814%
1951	0.651711	1.534423	1.6233%
1950	0.641301	1.559330	1.4265%
1949	0.632281	1.581575	1.7790%
1948	0.621229	1.609712	1.8242%
1947	0.610100	1.639076	-2.6320%
1946	0.626592	1.595934	3.1768%
1945	0.607299	1.646634	6.4754%
1944	0.570366	1.753261	-0.3437%
1943	0.572333	1.747235	0.6562%
1942	0.568602	1.758701	0.6633%
1941	0.564855	1.770366	-5.6614%
1940	0.598753	1.670138	8.0381%
1939	0.554205	1.804386	0.8126%
1938	0.549738	1.819049	0.7762%
1937	0.545503	1.833169	0.6029%
1936	0.542234	1.844221	0.5244%
1935	0.539406	1.853892	-3.0364%
1934	0.556297	1.797601	4.6271%
1933	0.531695	1.880778	1.3921%
1932	0.524395	1.906961	-0.2051%
1931	0.525472	1.903050	0.8886%
1930	0.520844	1.919960	1.0126%
1929	0.515623	1.939401	1.1526%
1928	0.509748	1.961755	1.2160%
1927	0.503624	1.985610	1.4086%
1926	0.496628	2.013579	1.7667%
1925	0.488007	2.049152	1.4465%
1924	0.481048	2.078793	1.7700%
1923	0.472682	2.115587	1.6165%
1922	0.465163	2.149786	1.3736%
1921	0.458859	2.179317	2.3393%
1920	0.448371	2.230298	1.3140%
1919	0.442555	2.259604	0.7676%
1918	0.439184	2.276950	0.3870%
1917	0.437491	2.285761	1.3274%
1916	0.431760	2.316103	1.4083%
1915	0.425764	2.348721	1.4458%
1914	0.419696	2.382679	1.9424%
1913	0.411699	2.428959	1.9857%
1912	0.403683	2.477190	1.5634%
1911	0.397469	2.515919	1.8169%
1910	0.390376	2.561631	1.8781%
1909	0.383180	2.609740	2.0082%
1908	0.375636	2.662150	1.9603%
1907	0.368414	2.714335	1.8264%
1906	0.361807	2.763908	1.9357%
1905	0.354936	2.817409	2.0148%

1904	0.347926	2.874175	2.1335%
1903	0.340658	2.935496	1.8151%
1902	0.334585	2.988780	1.8943%
1901	0.328364	3.045398	3.0255%
1900	0.318721	3.137536	0.6278%
1899	0.316733	3.157235	1.7757%
1898	0.311207	3.213296	1.8078%
1897	0.305681	3.271385	1.8396%
1896	0.300159	3.331565	1.8755%
1895	0.294633	3.394050	1.9114%
1894	0.289107	3.458923	1.9486%
1893	0.283581	3.526325	1.9858%
1892	0.278060	3.596351	2.0276%
1891	0.272534	3.669272	2.6465%
1890	0.265507	3.766380	1.5328%
1889	0.261499	3.824111	2.0811%
1888	0.256167	3.903696	2.1599%
1887	0.250752	3.988010	2.2075%
1886	0.245336	4.076047	2.2592%
1885	0.239916	4.168132	2.3095%
1884	0.234500	4.264396	2.3641%
1883	0.229084	4.365213	2.4214%
1882	0.223668	4.470911	2.4815%
1881	0.218252	4.581856	3.7644%
1880	0.210334	4.754335	0.9432%
1879	0.208369	4.799179	2.1464%
1878	0.203991	4.902188	2.1913%
1877	0.199616	5.009609	2.2426%
1876	0.195238	5.121955	2.2941%
1875	0.190860	5.239456	2.3456%
1874	0.186485	5.362352	2.4043%
1873	0.182107	5.491280	2.4635%
1872	0.177728	5.626561	2.5258%
1871	0.173350	5.768675	5.9947%
1870	0.163546	6.114488	-1.0968%
1869	0.165360	6.047425	2.1930%
1868	0.161811	6.180043	2.2394%
1867	0.158267	6.318440	2.2935%
1866	0.154718	6.463353	2.3445%
1865	0.151174	6.614885	2.4037%
1864	0.147626	6.773886	2.4599%
1863	0.144082	6.940516	2.5250%
1862	0.140533	7.115765	2.5872%
1861	0.136989	7.299867	2.9504%
1860	0.133063	7.515243	2.4012%
1859	0.129943	7.695702	2.7627%
1858	0.126449	7.908312	2.8412%
1857	0.122956	8.133003	2.9243%
1856	0.119462	8.370835	3.0161%
1855	0.115965	8.623311	3.1061%
1854	0.112471	8.891156	3.2056%
1853	0.108978	9.176173	3.3118%
1852	0.105484	9.480069	3.4252%

1851	0.101991	9.804783	4.0106%
1850	0.098058	10.198014	2.3254%
1849	0.095830	10.435155	2.7841%
1848	0.093234	10.725679	2.8590%
1847	0.090643	11.032327	2.9432%
1846	0.088051	11.357026	3.0324%
1845	0.085460	11.701417	3.1325%
1844	0.082864	12.067965	3.2284%
1843	0.080273	12.457562	3.3361%
1842	0.077681	12.873153	3.4512%
1841	0.075090	13.317431	3.8105%
1840	0.072333	13.824890	2.3861%
1839	0.070648	14.154759	2.5824%
1838	0.068869	14.520290	2.6573%
1837	0.067086	14.906142	2.7232%
1836	0.065308	15.312066	2.7994%
1835	0.063530	15.740719	2.8871%
1834	0.061747	16.195172	2.9657%
1833	0.059968	16.675470	3.0563%
1832	0.058190	17.185126	3.1604%
1831	0.056407	17.728249	3.4660%
1830	0.054518	18.342704	2.4653%
1829	0.053206	18.794906	2.6804%
1828	0.051817	19.298684	10.3427%
1827	0.046960	21.294680	-4.2314%
1826	0.049035	20.393610	2.9150%
1825	0.047646	20.988091	3.0026%
1824	0.046257	21.618272	3.0955%
1823	0.044868	22.287467	3.1944%
1822	0.043479	22.999416	3.3102%
1821	0.042086	23.760741	3.2277%
1820	0.040770	24.527675	2.6573%
1819	0.039715	25.179443	2.6261%
1818	0.038699	25.840683	2.6969%
1817	0.037682	26.537588	2.7717%
1816	0.036666	27.273126	2.8507%
1815	0.035650	28.050600	2.9343%
1814	0.034634	28.873701	3.0231%
1813	0.033617	29.746568	3.1039%
1812	0.032605	30.669870	3.2172%
1811	0.031589	31.656568	3.0969%
1810	0.030640	32.636945	2.9144%
1809	0.029772	33.588110	2.8225%
1808	0.028955	34.536122	2.9199%
1807	0.028134	35.544551	2.9918%
1806	0.027316	36.607968	3.0841%
1805	0.026499	37.736977	3.1822%
1804	0.025682	38.937840	3.2868%
1803	0.024865	40.217643	3.3985%
1802	0.024047	41.584434	3.5180%
1801	0.023230	43.047393	3.3999%
1800	0.022466	44.510982	2.8419%
1799	0.021846	45.775926	2.7485%

1798	0.021261	47.034057	2.8261%
1797	0.020677	48.363301	3.7832%
1796	0.019923	50.192986	2.1272%
1795	0.019508	51.260690	3.0879%
1794	0.018924	52.843589	3.1625%
1793	0.018344	54.514774	3.2904%
1792	0.017759	56.308536	3.4024%
1791	0.017175	58.224359	3.2296%
1790	0.016638	60.104752	41.3145%
1780	0.011773	84.936700	29.4353%
1770	0.009096	109.938085	83.4728%
1750	0.004958	201.706525	29.2845%
1740	0.003835	260.775177	94.2514%
1720	0.001974	506.559417	85.8111%
1700	0.001062	941.243523	19.2490%
1690	0.000891	1122.423954	88.0250%
1670	0.000474	2110.437891	

BASE YEAR: 1983

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.286795	0.777125	8.2857%
2001	1.188333	0.841515	1.0000%
2000	1.176568	0.849930	1.0000%
1999	1.164918	0.858429	1.0000%
1998	1.153385	0.867014	1.0000%
1997	1.141965	0.875684	1.0000%
1996	1.130658	0.884441	1.0000%
1995	1.119464	0.893285	0.9992%
1994	1.108388	0.902211	1.0008%
1993	1.097406	0.911240	1.0000%
1992	1.086540	0.920352	0.9295%
1991	1.076534	0.928907	1.2505%
1990	1.063238	0.940523	0.7224%
1989	1.055612	0.947318	1.1077%
1988	1.044047	0.957811	0.8834%
1987	1.034905	0.966272	0.5594%
1986	1.029148	0.971677	1.3056%
1985	1.015885	0.984364	0.7673%
1984	1.008149	0.991916	0.8149%
1983	1.000000	1.000000	0.9737%
1982	0.990356	1.009737	0.9508%
1981	0.981029	1.019338	0.9031%
1980	0.972249	1.028543	2.2701%
1979	0.950668	1.051892	1.0042%
1978	0.941216	1.062455	0.9896%
1977	0.931993	1.072969	0.9103%
1976	0.923586	1.082737	0.8394%
1975	0.915897	1.091826	0.9042%
1974	0.907690	1.101698	1.1568%
1973	0.897310	1.114442	0.9427%
1972	0.888930	1.124948	0.7426%

1971	0.882377	1.133302	1.4697%
1970	0.869597	1.149959	0.6968%
1969	0.863579	1.157972	0.8565%
1968	0.856245	1.167890	1.5090%
1967	0.843516	1.185514	0.9949%
1966	0.835206	1.197309	1.0575%
1965	0.826467	1.209970	1.1300%
1964	0.817232	1.223643	1.5537%
1963	0.804729	1.242654	1.4658%
1962	0.793104	1.260869	1.5364%
1961	0.781103	1.280242	2.1586%
1960	0.764598	1.307877	-1.6655%
1959	0.777548	1.286095	4.3080%
1958	0.745434	1.341500	2.1130%
1957	0.730010	1.369845	1.9895%
1956	0.715769	1.397098	2.1231%
1955	0.700889	1.426760	1.4496%
1954	0.690874	1.447442	2.1573%
1953	0.676285	1.478667	1.2298%
1952	0.668069	1.496851	1.6814%
1951	0.657022	1.522019	1.6233%
1950	0.646527	1.546726	1.4265%
1949	0.637434	1.568790	1.7790%
1948	0.626292	1.596700	1.8242%
1947	0.615072	1.625826	-2.6320%
1946	0.631699	1.583034	3.1768%
1945	0.612249	1.633323	6.4754%
1944	0.575014	1.739088	-0.3437%
1943	0.576997	1.733111	0.6562%
1942	0.573235	1.744484	0.6633%
1941	0.569458	1.756055	-5.6614%
1940	0.603632	1.656638	8.0381%
1939	0.558722	1.789800	0.8126%
1938	0.554218	1.804344	0.7762%
1937	0.549949	1.818350	0.6029%
1936	0.546653	1.829313	0.5244%
1935	0.543802	1.838906	-3.0364%
1934	0.560831	1.783070	4.6271%
1933	0.536028	1.865575	1.3921%
1932	0.528668	1.891546	-0.2051%
1931	0.529755	1.887666	0.8886%
1930	0.525089	1.904440	1.0126%
1929	0.519825	1.923724	1.1526%
1928	0.513902	1.945897	1.2160%
1927	0.507728	1.969559	1.4086%
1926	0.500675	1.997302	1.7667%
1925	0.491984	2.032588	1.4465%
1924	0.484969	2.061989	1.7700%
1923	0.476534	2.098486	1.6165%
1922	0.468953	2.132408	1.3736%
1921	0.462599	2.161700	2.3393%
1920	0.452025	2.212269	1.3140%
1919	0.446162	2.241338	0.7676%

1918	0.442763	2.258544	0.3870%
1917	0.441056	2.267284	1.3274%
1916	0.435278	2.297381	1.4083%
1915	0.429233	2.329735	1.4458%
1914	0.423116	2.363418	1.9424%
1913	0.415054	2.409325	1.9857%
1912	0.406973	2.457166	1.5634%
1911	0.400708	2.495581	1.8169%
1910	0.393558	2.540924	1.8781%
1909	0.386303	2.588644	2.0082%
1908	0.378697	2.640630	1.9603%
1907	0.371417	2.692393	1.8264%
1906	0.364755	2.741566	1.9357%
1905	0.357829	2.794634	2.0148%
1904	0.350761	2.850941	2.1335%
1903	0.343434	2.911767	1.8151%
1902	0.337311	2.964620	1.8943%
1901	0.331040	3.020780	3.0255%
1900	0.321319	3.112174	0.6278%
1899	0.319314	3.131713	1.7757%
1898	0.313743	3.187321	1.8078%
1897	0.308172	3.244940	1.8396%
1896	0.302605	3.304634	1.8755%
1895	0.297034	3.366614	1.9114%
1894	0.291463	3.430963	1.9486%
1893	0.285892	3.497820	1.9858%
1892	0.280326	3.567280	2.0276%
1891	0.274755	3.639611	2.6465%
1890	0.267671	3.735934	1.5328%
1889	0.263630	3.793199	2.0811%
1888	0.258255	3.872140	2.1599%
1887	0.252795	3.955773	2.2075%
1886	0.247335	4.043098	2.2592%
1885	0.241871	4.134438	2.3095%
1884	0.236411	4.229925	2.3641%
1883	0.230951	4.329926	2.4214%
1882	0.225491	4.434770	2.4815%
1881	0.220031	4.544818	3.7644%
1880	0.212048	4.715903	0.9432%
1879	0.210067	4.760384	2.1464%
1878	0.205653	4.862561	2.1913%
1877	0.201243	4.969114	2.2426%
1876	0.196829	5.080552	2.2941%
1875	0.192415	5.197102	2.3456%
1874	0.188005	5.319005	2.4043%
1873	0.183591	5.446891	2.4635%
1872	0.179177	5.581078	2.5258%
1871	0.174763	5.722043	5.9947%
1870	0.164879	6.065061	-1.0968%
1869	0.166707	5.998540	2.1930%
1868	0.163130	6.130087	2.2394%
1867	0.159557	6.267364	2.2935%
1866	0.155979	6.411106	2.3445%

1865	0.152406	6.561413	2.4037%
1864	0.148829	6.719129	2.4599%
1863	0.145256	6.884412	2.5250%
1862	0.141678	7.058244	2.5872%
1861	0.138105	7.240858	2.9504%
1860	0.134147	7.454493	2.4012%
1859	0.131002	7.633493	2.7627%
1858	0.127480	7.844384	2.8412%
1857	0.123958	8.067259	2.9243%
1856	0.120436	8.303169	3.0161%
1855	0.116910	8.553604	3.1061%
1854	0.113388	8.819284	3.2056%
1853	0.109866	9.101997	3.3118%
1852	0.106344	9.403436	3.4252%
1851	0.102822	9.725525	4.0106%
1850	0.098857	10.115578	2.3254%
1849	0.096611	10.350802	2.7841%
1848	0.093994	10.638977	2.8590%
1847	0.091381	10.943147	2.9432%
1846	0.088769	11.265221	3.0324%
1845	0.086156	11.606828	3.1325%
1844	0.083539	11.970412	3.2284%
1843	0.080927	12.356860	3.3361%
1842	0.078314	12.769092	3.4512%
1841	0.075701	13.209778	3.8105%
1840	0.072923	13.713135	2.3861%
1839	0.071223	14.040338	2.5824%
1838	0.069430	14.402914	2.6573%
1837	0.067633	14.785647	2.7232%
1836	0.065840	15.188290	2.7994%
1835	0.064047	15.613477	2.8871%
1834	0.062250	16.064257	2.9657%
1833	0.060457	16.540672	3.0563%
1832	0.058664	17.046209	3.1604%
1831	0.056867	17.584941	3.4660%
1830	0.054962	18.194429	2.4653%
1829	0.053640	18.642977	2.6804%
1828	0.052239	19.142682	10.3427%
1827	0.047343	21.122543	-4.2314%
1826	0.049435	20.228756	2.9150%
1825	0.048034	20.818432	3.0026%
1824	0.046634	21.443519	3.0955%
1823	0.045234	22.107305	3.1944%
1822	0.043834	22.813498	3.3102%
1821	0.042429	23.568669	3.2277%
1820	0.041103	24.329404	2.6573%
1819	0.040039	24.975904	2.6261%
1818	0.039014	25.631798	2.6969%
1817	0.037989	26.323070	2.7717%
1816	0.036965	27.052662	2.8507%
1815	0.035940	27.823851	2.9343%
1814	0.034916	28.640298	3.0231%
1813	0.033891	29.506109	3.1039%

1812	0.032871	30.421948	3.2172%
1811	0.031846	31.400670	3.0969%
1810	0.030890	32.373122	2.9144%
1809	0.030015	33.316598	2.8225%
1808	0.029191	34.256946	2.9199%
1807	0.028363	35.257225	2.9918%
1806	0.027539	36.312045	3.0841%
1805	0.026715	37.431927	3.1822%
1804	0.025891	38.623083	3.2868%
1803	0.025067	39.892541	3.3985%
1802	0.024243	41.248283	3.5180%
1801	0.023420	42.699417	3.3999%
1800	0.022649	44.151174	2.8419%
1799	0.022024	45.405893	2.7485%
1798	0.021434	46.653854	2.8261%
1797	0.020845	47.972353	3.7832%
1796	0.020085	49.787248	2.1272%
1795	0.019667	50.846321	3.0879%
1794	0.019078	52.416424	3.1625%
1793	0.018493	54.074100	3.2904%
1792	0.017904	55.853362	3.4024%
1791	0.017315	57.753698	3.2296%
1790	0.016773	59.618891	41.3145%
1780	0.011869	84.250108	29.4353%
1770	0.009170	109.049392	83.4728%
1750	0.004998	200.076016	29.2845%
1740	0.003866	258.667182	94.2514%
1720	0.001990	502.464607	85.8111%
1700	0.001071	933.634914	19.2490%
1690	0.000898	1113.350760	88.0250%
1670	0.000478	2093.378016	

BASE YEAR: 1982

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.299325	0.769631	8.2857%
2001	1.199905	0.833399	1.0000%
2000	1.188024	0.841734	1.0000%
1999	1.176262	0.850151	1.0000%
1998	1.164616	0.858652	1.0000%
1997	1.153085	0.867239	1.0000%
1996	1.141668	0.875911	1.0000%
1995	1.130364	0.884670	0.9992%
1994	1.119181	0.893510	1.0008%
1993	1.108092	0.902452	1.0000%
1992	1.097121	0.911477	0.9295%
1991	1.087017	0.919949	1.2505%
1990	1.073591	0.931453	0.7224%
1989	1.065891	0.938182	1.1077%
1988	1.054214	0.948574	0.8834%
1987	1.044983	0.956954	0.5594%
1986	1.039170	0.962307	1.3056%

1985	1.025777	0.974871	0.7673%
1984	1.017966	0.982351	0.8149%
1983	1.009737	0.990356	0.9737%
1982	1.000000	1.000000	0.9508%
1981	0.990581	1.009508	0.9031%
1980	0.981716	1.018625	2.2701%
1979	0.959925	1.041748	1.0042%
1978	0.950381	1.052209	0.9896%
1977	0.941069	1.062622	0.9103%
1976	0.932579	1.072295	0.8394%
1975	0.924816	1.081296	0.9042%
1974	0.916529	1.091073	1.1568%
1973	0.906048	1.103695	0.9427%
1972	0.897586	1.114099	0.7426%
1971	0.890969	1.122373	1.4697%
1970	0.878064	1.138869	0.6968%
1969	0.871988	1.146805	0.8565%
1968	0.864583	1.156628	1.5090%
1967	0.851730	1.174082	0.9949%
1966	0.843339	1.185763	1.0575%
1965	0.834514	1.198302	1.1300%
1964	0.825190	1.211843	1.5537%
1963	0.812565	1.230670	1.4658%
1962	0.800827	1.248710	1.5364%
1961	0.788709	1.267895	2.1586%
1960	0.772043	1.295265	-1.6655%
1959	0.785119	1.273692	4.3080%
1958	0.752693	1.328563	2.1130%
1957	0.737118	1.356635	1.9895%
1956	0.722739	1.383625	2.1231%
1955	0.707714	1.413001	1.4496%
1954	0.697601	1.433484	2.1573%
1953	0.682870	1.464408	1.2298%
1952	0.674574	1.482416	1.6814%
1951	0.663420	1.507341	1.6233%
1950	0.652823	1.531810	1.4265%
1949	0.643641	1.553661	1.7790%
1948	0.632390	1.581302	1.8242%
1947	0.621061	1.610147	-2.6320%
1946	0.637850	1.567767	3.1768%
1945	0.618210	1.617572	6.4754%
1944	0.580613	1.722317	-0.3437%
1943	0.582616	1.716398	0.6562%
1942	0.578817	1.727661	0.6633%
1941	0.575003	1.739121	-5.6614%
1940	0.609510	1.640662	8.0381%
1939	0.564162	1.772540	0.8126%
1938	0.559615	1.786944	0.7762%
1937	0.555304	1.800815	0.6029%
1936	0.551976	1.811672	0.5244%
1935	0.549097	1.821172	-3.0364%
1934	0.566292	1.765875	4.6271%
1933	0.541247	1.847584	1.3921%

1932	0.533816	1.873304	-0.2051%
1931	0.534913	1.869462	0.8886%
1930	0.530202	1.886074	1.0126%
1929	0.524887	1.905173	1.1526%
1928	0.518906	1.927131	1.2160%
1927	0.512672	1.950565	1.4086%
1926	0.505551	1.978041	1.7667%
1925	0.496774	2.012986	1.4465%
1924	0.489691	2.042104	1.7700%
1923	0.481174	2.078249	1.6165%
1922	0.473520	2.111844	1.3736%
1921	0.467103	2.140854	2.3393%
1920	0.456426	2.190935	1.3140%
1919	0.450506	2.219724	0.7676%
1918	0.447075	2.236763	0.3870%
1917	0.445351	2.245419	1.3274%
1916	0.439517	2.275226	1.4083%
1915	0.433413	2.307268	1.4458%
1914	0.427236	2.340626	1.9424%
1913	0.419096	2.386090	1.9857%
1912	0.410936	2.433470	1.5634%
1911	0.404610	2.471515	1.8169%
1910	0.397390	2.516420	1.8781%
1909	0.390064	2.563680	2.0082%
1908	0.382385	2.615165	1.9603%
1907	0.375033	2.666429	1.8264%
1906	0.368307	2.715128	1.9357%
1905	0.361313	2.767684	2.0148%
1904	0.354177	2.823448	2.1335%
1903	0.346778	2.883687	1.8151%
1902	0.340596	2.936030	1.8943%
1901	0.334264	2.991649	3.0255%
1900	0.324448	3.082161	0.6278%
1899	0.322423	3.101512	1.7757%
1898	0.316798	3.156584	1.8078%
1897	0.311173	3.213648	1.8396%
1896	0.305552	3.272766	1.8755%
1895	0.299927	3.334148	1.9114%
1894	0.294301	3.397876	1.9486%
1893	0.288676	3.464088	1.9858%
1892	0.283055	3.532879	2.0276%
1891	0.277430	3.604512	2.6465%
1890	0.270277	3.699906	1.5328%
1889	0.266197	3.756619	2.0811%
1888	0.260770	3.834799	2.1599%
1887	0.255257	3.917625	2.2075%
1886	0.249744	4.004108	2.2592%
1885	0.244226	4.094567	2.3095%
1884	0.238713	4.189133	2.3641%
1883	0.233200	4.288170	2.4214%
1882	0.227687	4.392003	2.4815%
1881	0.222173	4.500989	3.7644%
1880	0.214113	4.670425	0.9432%

1879	0.212113	4.714477	2.1464%
1878	0.207656	4.815668	2.1913%
1877	0.203203	4.921194	2.2426%
1876	0.198746	5.031557	2.2941%
1875	0.194289	5.146984	2.3456%
1874	0.189836	5.267711	2.4043%
1873	0.185379	5.394364	2.4635%
1872	0.180922	5.527256	2.5258%
1871	0.176465	5.666862	5.9947%
1870	0.166484	6.006572	-1.0968%
1869	0.168331	5.940693	2.1930%
1868	0.164718	6.070971	2.2394%
1867	0.161110	6.206924	2.2935%
1866	0.157498	6.349280	2.3445%
1865	0.153890	6.498137	2.4037%
1864	0.150278	6.654333	2.4599%
1863	0.146670	6.818022	2.5250%
1862	0.143058	6.990177	2.5872%
1861	0.139450	7.171030	2.9504%
1860	0.135454	7.382605	2.4012%
1859	0.132277	7.559879	2.7627%
1858	0.128721	7.768736	2.8412%
1857	0.125165	7.989462	2.9243%
1856	0.121609	8.223097	3.0161%
1855	0.118048	8.471117	3.1061%
1854	0.114492	8.734234	3.2056%
1853	0.110936	9.014221	3.3118%
1852	0.107380	9.312753	3.4252%
1851	0.103823	9.631736	4.0106%
1850	0.099820	10.018027	2.3254%
1849	0.097552	10.250983	2.7841%
1848	0.094909	10.536379	2.8590%
1847	0.092271	10.837616	2.9432%
1846	0.089633	11.156584	3.0324%
1845	0.086995	11.494896	3.1325%
1844	0.084353	11.854975	3.2284%
1843	0.081715	12.237696	3.3361%
1842	0.079077	12.645953	3.4512%
1841	0.076439	13.082389	3.8105%
1840	0.073633	13.580892	2.3861%
1839	0.071917	13.904939	2.5824%
1838	0.070106	14.264019	2.6573%
1837	0.068292	14.643060	2.7232%
1836	0.066481	15.041821	2.7994%
1835	0.064671	15.462907	2.8871%
1834	0.062856	15.909340	2.9657%
1833	0.061046	16.381161	3.0563%
1832	0.059235	16.881822	3.1604%
1831	0.057421	17.415359	3.4660%
1830	0.055497	18.018970	2.4653%
1829	0.054162	18.463191	2.6804%
1828	0.052748	18.958078	10.3427%
1827	0.047804	20.918846	-4.2314%

1826	0.049916	20.033679	2.9150%
1825	0.048502	20.617668	3.0026%
1824	0.047088	21.236726	3.0955%
1823	0.045674	21.894111	3.1944%
1822	0.044261	22.593494	3.3102%
1821	0.042842	23.341382	3.2277%
1820	0.041503	24.094781	2.6573%
1819	0.040428	24.735046	2.6261%
1818	0.039394	25.384615	2.6969%
1817	0.038359	26.069221	2.7717%
1816	0.037325	26.791777	2.8507%
1815	0.036290	27.555529	2.9343%
1814	0.035256	28.364103	3.0231%
1813	0.034221	29.221564	3.1039%
1812	0.033191	30.128571	3.2172%
1811	0.032157	31.097855	3.0969%
1810	0.031191	32.060929	2.9144%
1809	0.030307	32.995306	2.8225%
1808	0.029475	33.926587	2.9199%
1807	0.028639	34.917219	2.9918%
1806	0.027807	35.961866	3.0841%
1805	0.026975	37.070949	3.1822%
1804	0.026143	38.250618	3.2868%
1803	0.025311	39.507834	3.3985%
1802	0.024480	40.850502	3.5180%
1801	0.023648	42.287641	3.3999%
1800	0.022870	43.725399	2.8419%
1799	0.022238	44.968017	2.7485%
1798	0.021643	46.203943	2.8261%
1797	0.021048	47.509728	3.7832%
1796	0.020281	49.307120	2.1272%
1795	0.019859	50.355980	3.0879%
1794	0.019264	51.910942	3.1625%
1793	0.018673	53.552632	3.2904%
1792	0.018078	55.314735	3.4024%
1791	0.017484	57.196746	3.2296%
1790	0.016937	59.043951	41.3145%
1780	0.011985	83.437635	29.4353%
1770	0.009259	107.997765	83.4728%
1750	0.005047	198.146566	29.2845%
1740	0.003904	256.172703	94.2514%
1720	0.002010	497.619048	85.8111%
1700	0.001082	924.631327	19.2490%
1690	0.000907	1102.614068	88.0250%
1670	0.000482	2073.190349	

BASE YEAR: 1981

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.311679	0.762382	8.2857%
2001	1.211314	0.825550	1.0000%
2000	1.199320	0.833806	1.0000%

1999	1.187446	0.842144	1.0000%
1998	1.175689	0.850565	1.0000%
1997	1.164048	0.859071	1.0000%
1996	1.152523	0.867662	1.0000%
1995	1.141112	0.876338	0.9992%
1994	1.129823	0.885095	1.0008%
1993	1.118628	0.893953	1.0000%
1992	1.107552	0.902892	0.9295%
1991	1.097352	0.911285	1.2505%
1990	1.083799	0.922680	0.7224%
1989	1.076025	0.929346	1.1077%
1988	1.064237	0.939640	0.8834%
1987	1.054918	0.947941	0.5594%
1986	1.049050	0.953243	1.3056%
1985	1.035530	0.965689	0.7673%
1984	1.027645	0.973099	0.8149%
1983	1.019338	0.981029	0.9737%
1982	1.009508	0.990581	0.9508%
1981	1.000000	1.000000	0.9031%
1980	0.991050	1.009031	2.2701%
1979	0.969052	1.031936	1.0042%
1978	0.959418	1.042299	0.9896%
1977	0.950016	1.052613	0.9103%
1976	0.941446	1.062196	0.8394%
1975	0.933609	1.071112	0.9042%
1974	0.925243	1.080797	1.1568%
1973	0.914662	1.093300	0.9427%
1972	0.906120	1.103606	0.7426%
1971	0.899441	1.111802	1.4697%
1970	0.886413	1.128142	0.6968%
1969	0.880279	1.136004	0.8565%
1968	0.872803	1.145734	1.5090%
1967	0.859828	1.163023	0.9949%
1966	0.851358	1.174594	1.0575%
1965	0.842449	1.187015	1.1300%
1964	0.833036	1.200429	1.5537%
1963	0.820291	1.219079	1.4658%
1962	0.808441	1.236949	1.5364%
1961	0.796208	1.255954	2.1586%
1960	0.779384	1.283065	-1.6655%
1959	0.792584	1.261696	4.3080%
1958	0.759850	1.316050	2.1130%
1957	0.744127	1.343857	1.9895%
1956	0.729611	1.370593	2.1231%
1955	0.714443	1.399692	1.4496%
1954	0.704234	1.419983	2.1573%
1953	0.689363	1.450615	1.2298%
1952	0.680988	1.468454	1.6814%
1951	0.669728	1.493144	1.6233%
1950	0.659030	1.517382	1.4265%
1949	0.649761	1.539028	1.7790%
1948	0.638403	1.566408	1.8242%
1947	0.626966	1.594982	-2.6320%

1946	0.643914	1.553001	3.1768%
1945	0.624088	1.602337	6.4754%
1944	0.586134	1.706095	-0.3437%
1943	0.588155	1.700232	0.6562%
1942	0.584321	1.711389	0.6633%
1941	0.580470	1.722741	-5.6614%
1940	0.615305	1.625209	8.0381%
1939	0.569526	1.755845	0.8126%
1938	0.564935	1.770114	0.7762%
1937	0.560584	1.783854	0.6029%
1936	0.557225	1.794608	0.5244%
1935	0.554318	1.804019	-3.0364%
1934	0.571676	1.749243	4.6271%
1933	0.546394	1.830182	1.3921%
1932	0.538892	1.855661	-0.2051%
1931	0.539999	1.851855	0.8886%
1930	0.535243	1.868310	1.0126%
1929	0.529878	1.887229	1.1526%
1928	0.523840	1.908981	1.2160%
1927	0.517546	1.932194	1.4086%
1926	0.510358	1.959410	1.7667%
1925	0.501498	1.994027	1.4465%
1924	0.494347	2.022871	1.7700%
1923	0.485749	2.058675	1.6165%
1922	0.478022	2.091954	1.3736%
1921	0.471545	2.120690	2.3393%
1920	0.460766	2.170299	1.3140%
1919	0.454790	2.198817	0.7676%
1918	0.451325	2.215696	0.3870%
1917	0.449586	2.224271	1.3274%
1916	0.443696	2.253797	1.4083%
1915	0.437534	2.285537	1.4458%
1914	0.431298	2.318581	1.9424%
1913	0.423080	2.363617	1.9857%
1912	0.414843	2.410550	1.5634%
1911	0.408457	2.448237	1.8169%
1910	0.401168	2.492720	1.8781%
1909	0.393773	2.539534	2.0082%
1908	0.386021	2.590534	1.9603%
1907	0.378599	2.641315	1.8264%
1906	0.371809	2.689555	1.9357%
1905	0.364748	2.741616	2.0148%
1904	0.357544	2.796855	2.1335%
1903	0.350075	2.856527	1.8151%
1902	0.343834	2.908377	1.8943%
1901	0.337442	2.963472	3.0255%
1900	0.327533	3.053132	0.6278%
1899	0.325489	3.072300	1.7757%
1898	0.319810	3.126854	1.8078%
1897	0.314132	3.183380	1.8396%
1896	0.308457	3.241941	1.8755%
1895	0.302778	3.302745	1.9114%
1894	0.297100	3.365873	1.9486%

1893	0.291421	3.431462	1.9858%
1892	0.285747	3.499604	2.0276%
1891	0.280068	3.570563	2.6465%
1890	0.272847	3.665058	1.5328%
1889	0.268728	3.721237	2.0811%
1888	0.263249	3.798681	2.1599%
1887	0.257684	3.880727	2.2075%
1886	0.252118	3.966395	2.2592%
1885	0.246548	4.056003	2.3095%
1884	0.240983	4.149678	2.3641%
1883	0.235417	4.247782	2.4214%
1882	0.229851	4.350637	2.4815%
1881	0.224286	4.458597	3.7644%
1880	0.216149	4.626436	0.9432%
1879	0.214129	4.670074	2.1464%
1878	0.209630	4.770312	2.1913%
1877	0.205135	4.874844	2.2426%
1876	0.200635	4.984167	2.2941%
1875	0.196136	5.098507	2.3456%
1874	0.191641	5.218097	2.4043%
1873	0.187141	5.343557	2.4635%
1872	0.182642	5.475198	2.5258%
1871	0.178142	5.613489	5.9947%
1870	0.168067	5.949999	-1.0968%
1869	0.169931	5.884740	2.1930%
1868	0.166284	6.013791	2.2394%
1867	0.162642	6.148464	2.2935%
1866	0.158996	6.289479	2.3445%
1865	0.155353	6.436935	2.4037%
1864	0.151707	6.591659	2.4599%
1863	0.148065	6.753806	2.5250%
1862	0.144418	6.924340	2.5872%
1861	0.140776	7.103490	2.9504%
1860	0.136741	7.313072	2.4012%
1859	0.133535	7.488676	2.7627%
1858	0.129945	7.695566	2.8412%
1857	0.126355	7.914213	2.9243%
1856	0.122765	8.145647	3.0161%
1855	0.119171	8.391331	3.1061%
1854	0.115581	8.651971	3.2056%
1853	0.111991	8.929321	3.3118%
1852	0.108401	9.225041	3.4252%
1851	0.104811	9.541020	4.0106%
1850	0.100769	9.923672	2.3254%
1849	0.098479	10.154434	2.7841%
1848	0.095812	10.437142	2.8590%
1847	0.093149	10.735541	2.9432%
1846	0.090485	11.051505	3.0324%
1845	0.087822	11.386632	3.1325%
1844	0.085155	11.743319	3.2284%
1843	0.082492	12.122435	3.3361%
1842	0.079829	12.526847	3.4512%
1841	0.077165	12.959172	3.8105%

1840	0.074333	13.452980	2.3861%
1839	0.072601	13.773975	2.5824%
1838	0.070773	14.129673	2.6573%
1837	0.068941	14.505144	2.7232%
1836	0.067113	14.900149	2.7994%
1835	0.065286	15.317270	2.8871%
1834	0.063454	15.759498	2.9657%
1833	0.061626	16.226875	3.0563%
1832	0.059799	16.722821	3.1604%
1831	0.057967	17.251332	3.4660%
1830	0.056025	17.849258	2.4653%
1829	0.054677	18.289296	2.6804%
1828	0.053249	18.779521	10.3427%
1827	0.048258	20.721821	-4.2314%
1826	0.050391	19.844991	2.9150%
1825	0.048963	20.423480	3.0026%
1824	0.047536	21.036708	3.0955%
1823	0.046109	21.687901	3.1944%
1822	0.044681	22.380697	3.3102%
1821	0.043250	23.121541	3.2277%
1820	0.041897	23.867844	2.6573%
1819	0.040813	24.502079	2.6261%
1818	0.039768	25.145530	2.6969%
1817	0.038724	25.823688	2.7717%
1816	0.037680	26.539439	2.8507%
1815	0.036635	27.295997	2.9343%
1814	0.035591	28.096956	3.0231%
1813	0.034547	28.946341	3.1039%
1812	0.033507	29.844805	3.2172%
1811	0.032462	30.804960	3.0969%
1810	0.031487	31.758963	2.9144%
1809	0.030596	32.684540	2.8225%
1808	0.029756	33.607049	2.9199%
1807	0.028911	34.588350	2.9918%
1806	0.028072	35.623159	3.0841%
1805	0.027232	36.721796	3.1822%
1804	0.026392	37.890354	3.2868%
1803	0.025552	39.135729	3.3985%
1802	0.024712	40.465751	3.5180%
1801	0.023872	41.889355	3.3999%
1800	0.023087	43.313571	2.8419%
1799	0.022449	44.544485	2.7485%
1798	0.021849	45.768771	2.8261%
1797	0.021248	47.062257	3.7832%
1796	0.020474	48.842721	2.1272%
1795	0.020047	49.881702	3.0879%
1794	0.019447	51.422018	3.1625%
1793	0.018851	53.048246	3.2904%
1792	0.018250	54.793753	3.4024%
1791	0.017650	56.658037	3.2296%
1790	0.017098	58.487845	41.3145%
1780	0.012099	82.651777	29.4353%
1770	0.009347	106.980587	83.4728%

1750	0.005095	196.280321	29.2845%
1740	0.003941	253.759938	94.2514%
1720	0.002029	492.932218	85.8111%
1700	0.001092	915.922678	19.2490%
1690	0.000916	1092.229087	88.0250%
1670	0.000487	2053.663986	

BASE YEAR: 1980

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.323524	0.755559	8.2857%
2001	1.222252	0.818162	1.0000%
2000	1.210151	0.826343	1.0000%
1999	1.198169	0.834607	1.0000%
1998	1.186306	0.842953	1.0000%
1997	1.174560	0.851382	1.0000%
1996	1.162931	0.859896	1.0000%
1995	1.151417	0.868495	0.9992%
1994	1.140026	0.877173	1.0008%
1993	1.128730	0.885952	1.0000%
1992	1.117554	0.894811	0.9295%
1991	1.107262	0.903129	1.2505%
1990	1.093586	0.914422	0.7224%
1989	1.085743	0.921029	1.1077%
1988	1.073848	0.931231	0.8834%
1987	1.064445	0.939457	0.5594%
1986	1.058524	0.944712	1.3056%
1985	1.044882	0.957046	0.7673%
1984	1.036925	0.964389	0.8149%
1983	1.028543	0.972249	0.9737%
1982	1.018625	0.981716	0.9508%
1981	1.009031	0.991050	0.9031%
1980	1.000000	1.000000	2.2701%
1979	0.977803	1.022701	1.0042%
1978	0.968082	1.032970	0.9896%
1977	0.958596	1.043193	0.9103%
1976	0.949948	1.052689	0.8394%
1975	0.942040	1.061526	0.9042%
1974	0.933599	1.071124	1.1568%
1973	0.922922	1.083515	0.9427%
1972	0.914303	1.093729	0.7426%
1971	0.907563	1.101851	1.4697%
1970	0.894418	1.118046	0.6968%
1969	0.888228	1.125837	0.8565%
1968	0.880685	1.135480	1.5090%
1967	0.867593	1.152615	0.9949%
1966	0.859046	1.164082	1.0575%
1965	0.850057	1.176392	1.1300%
1964	0.840558	1.189685	1.5537%
1963	0.827699	1.208169	1.4658%
1962	0.815742	1.225878	1.5364%
1961	0.803398	1.244713	2.1586%

1960	0.786422	1.271582	-1.6655%
1959	0.799741	1.250404	4.3080%
1958	0.766712	1.304271	2.1130%
1957	0.750846	1.331830	1.9895%
1956	0.736200	1.358327	2.1231%
1955	0.720895	1.387165	1.4496%
1954	0.710594	1.407274	2.1573%
1953	0.695588	1.437632	1.2298%
1952	0.687138	1.455312	1.6814%
1951	0.675776	1.479781	1.6233%
1950	0.664981	1.503802	1.4265%
1949	0.655628	1.525254	1.7790%
1948	0.644168	1.552389	1.8242%
1947	0.632628	1.580707	-2.6320%
1946	0.649729	1.539102	3.1768%
1945	0.629724	1.587997	6.4754%
1944	0.591427	1.690826	-0.3437%
1943	0.593467	1.685015	0.6562%
1942	0.589597	1.696072	0.6633%
1941	0.585712	1.707322	-5.6614%
1940	0.620862	1.610664	8.0381%
1939	0.574670	1.740131	0.8126%
1938	0.570037	1.754271	0.7762%
1937	0.565646	1.767889	0.6029%
1936	0.562257	1.778547	0.5244%
1935	0.559324	1.787874	-3.0364%
1934	0.576839	1.733587	4.6271%
1933	0.551328	1.813802	1.3921%
1932	0.543758	1.839053	-0.2051%
1931	0.544876	1.835281	0.8886%
1930	0.540077	1.851589	1.0126%
1929	0.534663	1.870338	1.1526%
1928	0.528570	1.891896	1.2160%
1927	0.522220	1.914901	1.4086%
1926	0.514966	1.941874	1.7667%
1925	0.506027	1.976181	1.4465%
1924	0.498811	2.004766	1.7700%
1923	0.490136	2.040250	1.6165%
1922	0.482339	2.073231	1.3736%
1921	0.475803	2.101710	2.3393%
1920	0.464927	2.150876	1.3140%
1919	0.458897	2.179138	0.7676%
1918	0.455401	2.195866	0.3870%
1917	0.453646	2.204364	1.3274%
1916	0.447703	2.233626	1.4083%
1915	0.441485	2.265082	1.4458%
1914	0.435193	2.297830	1.9424%
1913	0.426901	2.342463	1.9857%
1912	0.418589	2.388976	1.5634%
1911	0.412146	2.426326	1.8169%
1910	0.404791	2.470410	1.8781%
1909	0.397329	2.516806	2.0082%
1908	0.389507	2.567349	1.9603%

1907	0.382018	2.617676	1.8264%
1906	0.375166	2.665484	1.9357%
1905	0.368042	2.717079	2.0148%
1904	0.360773	2.771824	2.1335%
1903	0.353237	2.830961	1.8151%
1902	0.346939	2.882348	1.8943%
1901	0.340489	2.936949	3.0255%
1900	0.330490	3.025807	0.6278%
1899	0.328428	3.044804	1.7757%
1898	0.322698	3.098869	1.8078%
1897	0.316968	3.154889	1.8396%
1896	0.311243	3.212926	1.8755%
1895	0.305513	3.273186	1.9114%
1894	0.299783	3.335749	1.9486%
1893	0.294053	3.400751	1.9858%
1892	0.288327	3.468283	2.0276%
1891	0.282597	3.538607	2.6465%
1890	0.275311	3.632257	1.5328%
1889	0.271155	3.687933	2.0811%
1888	0.265627	3.764683	2.1599%
1887	0.260011	3.845995	2.2075%
1886	0.254395	3.930897	2.2592%
1885	0.248775	4.019702	2.3095%
1884	0.243159	4.112539	2.3641%
1883	0.237543	4.209765	2.4214%
1882	0.231927	4.311700	2.4815%
1881	0.226311	4.418693	3.7644%
1880	0.218101	4.585030	0.9432%
1879	0.216063	4.628278	2.1464%
1878	0.211523	4.727618	2.1913%
1877	0.206987	4.831215	2.2426%
1876	0.202447	4.939560	2.2941%
1875	0.197907	5.052876	2.3456%
1874	0.193371	5.171396	2.4043%
1873	0.188831	5.295733	2.4635%
1872	0.184291	5.426196	2.5258%
1871	0.179751	5.563249	5.9947%
1870	0.169585	5.896748	-1.0968%
1869	0.171466	5.832073	2.1930%
1868	0.167786	5.959969	2.2394%
1867	0.164111	6.093437	2.2935%
1866	0.160432	6.233190	2.3445%
1865	0.156756	6.379325	2.4037%
1864	0.153077	6.532665	2.4599%
1863	0.149402	6.693360	2.5250%
1862	0.145722	6.862368	2.5872%
1861	0.142047	7.039915	2.9504%
1860	0.137976	7.247621	2.4012%
1859	0.134741	7.421654	2.7627%
1858	0.131118	7.626692	2.8412%
1857	0.127496	7.843382	2.9243%
1856	0.123874	8.072745	3.0161%
1855	0.120247	8.316230	3.1061%

1854	0.116624	8.574537	3.2056%
1853	0.113002	8.849405	3.3118%
1852	0.109380	9.142479	3.4252%
1851	0.105757	9.455629	4.0106%
1850	0.101679	9.834857	2.3254%
1849	0.099368	10.063554	2.7841%
1848	0.096677	10.343732	2.8590%
1847	0.093990	10.639460	2.9432%
1846	0.091303	10.952596	3.0324%
1845	0.088615	11.284723	3.1325%
1844	0.085924	11.638218	3.2284%
1843	0.083237	12.013941	3.3361%
1842	0.080549	12.414733	3.4512%
1841	0.077862	12.843190	3.8105%
1840	0.075004	13.332578	2.3861%
1839	0.073256	13.650700	2.5824%
1838	0.071412	14.003215	2.6573%
1837	0.069564	14.375326	2.7232%
1836	0.067720	14.766795	2.7994%
1835	0.065875	15.180183	2.8871%
1834	0.064027	15.618453	2.9657%
1833	0.062183	16.081647	3.0563%
1832	0.060339	16.573154	3.1604%
1831	0.058490	17.096936	3.4660%
1830	0.056531	17.689510	2.4653%
1829	0.055171	18.125609	2.6804%
1828	0.053730	18.611447	10.3427%
1827	0.048694	20.536365	-4.2314%
1826	0.050846	19.667382	2.9150%
1825	0.049405	20.240693	3.0026%
1824	0.047965	20.848433	3.0955%
1823	0.046525	21.493798	3.1944%
1822	0.045085	22.180394	3.3102%
1821	0.043640	22.914607	3.2277%
1820	0.042276	23.654231	2.6573%
1819	0.041181	24.282790	2.6261%
1818	0.040128	24.920482	2.6969%
1817	0.039074	25.592570	2.7717%
1816	0.038020	26.301915	2.8507%
1815	0.036966	27.051702	2.9343%
1814	0.035912	27.845492	3.0231%
1813	0.034859	28.687276	3.1039%
1812	0.033809	29.577699	3.2172%
1811	0.032755	30.529260	3.0969%
1810	0.031772	31.474726	2.9144%
1809	0.030872	32.392019	2.8225%
1808	0.030024	33.306271	2.9199%
1807	0.029173	34.278790	2.9918%
1806	0.028325	35.304338	3.0841%
1805	0.027478	36.393142	3.1822%
1804	0.026630	37.551242	3.2868%
1803	0.025783	38.785471	3.3985%
1802	0.024935	40.103589	3.5180%

1801	0.024088	41.514452	3.3999%
1800	0.023296	42.925921	2.8419%
1799	0.022652	44.145820	2.7485%
1798	0.022046	45.359148	2.8261%
1797	0.021440	46.641057	3.7832%
1796	0.020659	48.405586	2.1272%
1795	0.020228	49.435269	3.0879%
1794	0.019623	50.961800	3.1625%
1793	0.019021	52.573473	3.2904%
1792	0.018415	54.303358	3.4024%
1791	0.017809	56.150957	3.2296%
1790	0.017252	57.964388	41.3145%
1780	0.012208	81.912057	29.4353%
1770	0.009432	106.023129	83.4728%
1750	0.005141	194.523645	29.2845%
1740	0.003976	251.488828	94.2514%
1720	0.002047	488.520556	85.8111%
1700	0.001102	907.725321	19.2490%
1690	0.000924	1082.453817	88.0250%
1670	0.000491	2035.284030	

BASE YEAR: 1979

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.353569	0.738788	8.2857%
2001	1.249998	0.800001	1.0000%
2000	1.237622	0.808001	1.0000%
1999	1.225368	0.816081	1.0000%
1998	1.213236	0.824242	1.0000%
1997	1.201224	0.832484	1.0000%
1996	1.189330	0.840809	1.0000%
1995	1.177555	0.849217	0.9992%
1994	1.165905	0.857703	1.0008%
1993	1.154352	0.866287	1.0000%
1992	1.142923	0.874949	0.9295%
1991	1.132398	0.883082	1.2505%
1990	1.118412	0.894125	0.7224%
1989	1.110390	0.900585	1.1077%
1988	1.098225	0.910560	0.8834%
1987	1.088609	0.918604	0.5594%
1986	1.082553	0.923742	1.3056%
1985	1.068601	0.935803	0.7673%
1984	1.060464	0.942983	0.8149%
1983	1.051892	0.950668	0.9737%
1982	1.041748	0.959925	0.9508%
1981	1.031936	0.969052	0.9031%
1980	1.022701	0.977803	2.2701%
1979	1.000000	1.000000	1.0042%
1978	0.990058	1.010042	0.9896%
1977	0.980356	1.020037	0.9103%
1976	0.971512	1.029323	0.8394%
1975	0.963425	1.037964	0.9042%

1974	0.954792	1.047349	1.1568%
1973	0.943873	1.059464	0.9427%
1972	0.935059	1.069452	0.7426%
1971	0.928166	1.077394	1.4697%
1970	0.914722	1.093229	0.6968%
1969	0.908392	1.100847	0.8565%
1968	0.900677	1.110276	1.5090%
1967	0.887288	1.127030	0.9949%
1966	0.878547	1.138243	1.0575%
1965	0.869354	1.150280	1.1300%
1964	0.859640	1.163278	1.5537%
1963	0.846488	1.181351	1.4658%
1962	0.834259	1.198668	1.5364%
1961	0.821636	1.217085	2.1586%
1960	0.804274	1.243357	-1.6655%
1959	0.817896	1.222649	4.3080%
1958	0.784116	1.275321	2.1130%
1957	0.767891	1.302268	1.9895%
1956	0.752912	1.328176	2.1231%
1955	0.737259	1.356375	1.4496%
1954	0.726725	1.376037	2.1573%
1953	0.711378	1.405722	1.2298%
1952	0.702737	1.423008	1.6814%
1951	0.691116	1.446935	1.6233%
1950	0.680077	1.470422	1.4265%
1949	0.670512	1.491398	1.7790%
1948	0.658791	1.517931	1.8242%
1947	0.646989	1.545620	-2.6320%
1946	0.664479	1.504939	3.1768%
1945	0.644019	1.552748	6.4754%
1944	0.604853	1.653295	-0.3437%
1943	0.606939	1.647613	0.6562%
1942	0.602982	1.658425	0.6633%
1941	0.599009	1.669425	-5.6614%
1940	0.634956	1.574912	8.0381%
1939	0.587715	1.701505	0.8126%
1938	0.582977	1.715332	0.7762%
1937	0.578487	1.728647	0.6029%
1936	0.575020	1.739069	0.5244%
1935	0.572021	1.748189	-3.0364%
1934	0.589933	1.695107	4.6271%
1933	0.563843	1.773542	1.3921%
1932	0.556102	1.798232	-0.2051%
1931	0.557245	1.794544	0.8886%
1930	0.552337	1.810490	1.0126%
1929	0.546800	1.828823	1.1526%
1928	0.540569	1.849902	1.2160%
1927	0.534075	1.872396	1.4086%
1926	0.526657	1.898771	1.7667%
1925	0.517514	1.932316	1.4465%
1924	0.510135	1.960267	1.7700%
1923	0.501262	1.994963	1.6165%
1922	0.493288	2.027212	1.3736%

1921	0.486604	2.055059	2.3393%
1920	0.475481	2.103133	1.3140%
1919	0.469314	2.130768	0.7676%
1918	0.465739	2.147125	0.3870%
1917	0.463944	2.155434	1.3274%
1916	0.457866	2.184046	1.4083%
1915	0.451507	2.214804	1.4458%
1914	0.445072	2.246826	1.9424%
1913	0.436592	2.290468	1.9857%
1912	0.428092	2.335949	1.5634%
1911	0.421502	2.372469	1.8169%
1910	0.413980	2.415575	1.8781%
1909	0.406349	2.460941	2.0082%
1908	0.398349	2.510362	1.9603%
1907	0.390690	2.559572	1.8264%
1906	0.383683	2.606319	1.9357%
1905	0.376397	2.656769	2.0148%
1904	0.368963	2.710298	2.1335%
1903	0.361256	2.768123	1.8151%
1902	0.354815	2.818369	1.8943%
1901	0.348219	2.871758	3.0255%
1900	0.337993	2.958643	0.6278%
1899	0.335884	2.977219	1.7757%
1898	0.330024	3.030084	1.8078%
1897	0.324164	3.084861	1.8396%
1896	0.318308	3.141610	1.8755%
1895	0.312448	3.200532	1.9114%
1894	0.306588	3.261706	1.9486%
1893	0.300728	3.325265	1.9858%
1892	0.294872	3.391298	2.0276%
1891	0.289012	3.460061	2.6465%
1890	0.281561	3.551632	1.5328%
1889	0.277310	3.606072	2.0811%
1888	0.271656	3.681119	2.1599%
1887	0.265913	3.760626	2.2075%
1886	0.260170	3.843643	2.2592%
1885	0.254422	3.930478	2.3095%
1884	0.248679	4.021254	2.3641%
1883	0.242935	4.116322	2.4214%
1882	0.237192	4.215994	2.4815%
1881	0.231449	4.320612	3.7644%
1880	0.223052	4.483257	0.9432%
1879	0.220968	4.525545	2.1464%
1878	0.216325	4.622680	2.1913%
1877	0.211686	4.723977	2.2426%
1876	0.207043	4.829917	2.2941%
1875	0.202400	4.940718	2.3456%
1874	0.197761	5.056608	2.4043%
1873	0.193118	5.178184	2.4635%
1872	0.188475	5.305751	2.5258%
1871	0.183832	5.439763	5.9947%
1870	0.173435	5.765859	-1.0968%
1869	0.175358	5.702620	2.1930%

1868	0.171595	5.827676	2.2394%
1867	0.167836	5.958182	2.2935%
1866	0.164073	6.094833	2.3445%
1865	0.160315	6.237724	2.4037%
1864	0.156552	6.387660	2.4599%
1863	0.152793	6.544789	2.5250%
1862	0.149030	6.710046	2.5872%
1861	0.145272	6.883651	2.9504%
1860	0.141108	7.086747	2.4012%
1859	0.137800	7.256917	2.7627%
1858	0.134095	7.457404	2.8412%
1857	0.130390	7.669284	2.9243%
1856	0.126686	7.893556	3.0161%
1855	0.122976	8.131637	3.1061%
1854	0.119272	8.384210	3.2056%
1853	0.115567	8.652976	3.3118%
1852	0.111863	8.939545	3.4252%
1851	0.108158	9.245744	4.0106%
1850	0.103987	9.616555	2.3254%
1849	0.101624	9.840175	2.7841%
1848	0.098872	10.114134	2.8590%
1847	0.096123	10.403298	2.9432%
1846	0.093375	10.709484	3.0324%
1845	0.090627	11.034238	3.1325%
1844	0.087874	11.379887	3.2284%
1843	0.085126	11.747270	3.3361%
1842	0.082378	12.139166	3.4512%
1841	0.079630	12.558112	3.8105%
1840	0.076707	13.036637	2.3861%
1839	0.074919	13.347698	2.5824%
1838	0.073033	13.692388	2.6573%
1837	0.071143	14.056239	2.7232%
1836	0.069257	14.439020	2.7994%
1835	0.067371	14.843231	2.8871%
1834	0.065480	15.271773	2.9657%
1833	0.063594	15.724686	3.0563%
1832	0.061708	16.205283	3.1604%
1831	0.059818	16.717439	3.4660%
1830	0.057814	17.296859	2.4653%
1829	0.056423	17.723279	2.6804%
1828	0.054950	18.198333	10.3427%
1827	0.049799	20.080523	-4.2314%
1826	0.052000	19.230829	2.9150%
1825	0.050527	19.791415	3.0026%
1824	0.049054	20.385665	3.0955%
1823	0.047581	21.016704	3.1944%
1822	0.046108	21.688060	3.3102%
1821	0.044631	22.405976	3.2277%
1820	0.043235	23.129183	2.6573%
1819	0.042116	23.743789	2.6261%
1818	0.041039	24.367327	2.6969%
1817	0.039961	25.024497	2.7717%
1816	0.038883	25.718097	2.8507%

1815	0.037805	26.451241	2.9343%
1814	0.036728	27.227412	3.0231%
1813	0.035650	28.050510	3.1039%
1812	0.034577	28.921169	3.2172%
1811	0.033499	29.851609	3.0969%
1810	0.032493	30.776088	2.9144%
1809	0.031573	31.673019	2.8225%
1808	0.030706	32.566979	2.9199%
1807	0.029835	33.517911	2.9918%
1806	0.028968	34.520694	3.0841%
1805	0.028101	35.585331	3.1822%
1804	0.027235	36.717725	3.2868%
1803	0.026368	37.924557	3.3985%
1802	0.025501	39.213418	3.5180%
1801	0.024635	40.592964	3.3999%
1800	0.023825	41.973103	2.8419%
1799	0.023166	43.165924	2.7485%
1798	0.022547	44.352320	2.8261%
1797	0.021927	45.605775	3.7832%
1796	0.021128	47.331137	2.1272%
1795	0.020688	48.337964	3.0879%
1794	0.020068	49.830611	3.1625%
1793	0.019453	51.406510	3.2904%
1792	0.018833	53.097997	3.4024%
1791	0.018213	54.904586	3.2296%
1790	0.017644	56.677764	41.3145%
1780	0.012485	80.093871	29.4353%
1770	0.009646	103.669755	83.4728%
1750	0.005257	190.205842	29.2845%
1740	0.004067	245.906581	94.2514%
1720	0.002093	477.676963	85.8111%
1700	0.001127	887.576724	19.2490%
1690	0.000945	1058.426806	88.0250%
1670	0.000502	1990.107239	

BASE YEAR: 1978

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.367161	0.731443	8.2857%
2001	1.262551	0.792047	1.0000%
2000	1.250050	0.799968	1.0000%
1999	1.237673	0.807968	1.0000%
1998	1.225419	0.816047	1.0000%
1997	1.213286	0.824208	1.0000%
1996	1.201273	0.832450	1.0000%
1995	1.189380	0.840774	0.9992%
1994	1.177613	0.849176	1.0008%
1993	1.165944	0.857674	1.0000%
1992	1.154400	0.866251	0.9295%
1991	1.143769	0.874303	1.2505%
1990	1.129642	0.885236	0.7224%
1989	1.121540	0.891631	1.1077%

1988	1.109253	0.901508	0.8834%
1987	1.099540	0.909471	0.5594%
1986	1.093424	0.914558	1.3056%
1985	1.079332	0.926499	0.7673%
1984	1.071113	0.933608	0.8149%
1983	1.062455	0.941216	0.9737%
1982	1.052209	0.950381	0.9508%
1981	1.042299	0.959418	0.9031%
1980	1.032970	0.968082	2.2701%
1979	1.010042	0.990058	1.0042%
1978	1.000000	1.000000	0.9896%
1977	0.990201	1.009896	0.9103%
1976	0.981268	1.019090	0.8394%
1975	0.973099	1.027644	0.9042%
1974	0.964380	1.036936	1.1568%
1973	0.953352	1.048931	0.9427%
1972	0.944448	1.058819	0.7426%
1971	0.937486	1.066682	1.4697%
1970	0.923907	1.082360	0.6968%
1969	0.917514	1.089902	0.8565%
1968	0.909722	1.099237	1.5090%
1967	0.896198	1.115825	0.9949%
1966	0.887369	1.126927	1.0575%
1965	0.878084	1.138844	1.1300%
1964	0.868272	1.151713	1.5537%
1963	0.854988	1.169606	1.4658%
1962	0.842637	1.186751	1.5364%
1961	0.829886	1.204984	2.1586%
1960	0.812351	1.230996	-1.6655%
1959	0.826109	1.210494	4.3080%
1958	0.791990	1.262642	2.1130%
1957	0.775602	1.289321	1.9895%
1956	0.760473	1.314972	2.1231%
1955	0.744663	1.342890	1.4496%
1954	0.734022	1.362356	2.1573%
1953	0.718522	1.391746	1.2298%
1952	0.709793	1.408861	1.6814%
1951	0.698056	1.432549	1.6233%
1950	0.686906	1.455803	1.4265%
1949	0.677245	1.476571	1.7790%
1948	0.665407	1.502840	1.8242%
1947	0.653486	1.530254	-2.6320%
1946	0.671151	1.489977	3.1768%
1945	0.650487	1.537311	6.4754%
1944	0.610927	1.636858	-0.3437%
1943	0.613033	1.631233	0.6562%
1942	0.609037	1.641937	0.6633%
1941	0.605024	1.652828	-5.6614%
1940	0.641332	1.559254	8.0381%
1939	0.593617	1.684589	0.8126%
1938	0.588832	1.698278	0.7762%
1937	0.584296	1.711461	0.6029%
1936	0.580795	1.721779	0.5244%

1935	0.577765	1.730808	-3.0364%
1934	0.595857	1.678254	4.6271%
1933	0.569505	1.755909	1.3921%
1932	0.561686	1.780354	-0.2051%
1931	0.562840	1.776702	0.8886%
1930	0.557883	1.792490	1.0126%
1929	0.552291	1.810641	1.1526%
1928	0.545998	1.831510	1.2160%
1927	0.539438	1.853781	1.4086%
1926	0.531945	1.879893	1.7667%
1925	0.522710	1.913105	1.4465%
1924	0.515257	1.940778	1.7700%
1923	0.506296	1.975129	1.6165%
1922	0.498242	2.007058	1.3736%
1921	0.491490	2.034628	2.3393%
1920	0.480256	2.082224	1.3140%
1919	0.474027	2.109584	0.7676%
1918	0.470416	2.125779	0.3870%
1917	0.468602	2.134005	1.3274%
1916	0.462464	2.162333	1.4083%
1915	0.456041	2.192785	1.4458%
1914	0.449542	2.224488	1.9424%
1913	0.440976	2.267696	1.9857%
1912	0.432390	2.312725	1.5634%
1911	0.425734	2.348882	1.8169%
1910	0.418137	2.391559	1.8781%
1909	0.410429	2.436474	2.0082%
1908	0.402349	2.485405	1.9603%
1907	0.394614	2.534125	1.8264%
1906	0.387536	2.580407	1.9357%
1905	0.380177	2.630355	2.0148%
1904	0.372668	2.683353	2.1335%
1903	0.364883	2.740603	1.8151%
1902	0.358378	2.790349	1.8943%
1901	0.351715	2.843208	3.0255%
1900	0.341387	2.929229	0.6278%
1899	0.339257	2.947620	1.7757%
1898	0.333338	2.999959	1.8078%
1897	0.327419	3.054191	1.8396%
1896	0.321505	3.110376	1.8755%
1895	0.315586	3.168712	1.9114%
1894	0.309667	3.229279	1.9486%
1893	0.303748	3.292205	1.9858%
1892	0.297833	3.357582	2.0276%
1891	0.291914	3.425662	2.6465%
1890	0.284388	3.516322	1.5328%
1889	0.280095	3.570221	2.0811%
1888	0.274384	3.644522	2.1599%
1887	0.268583	3.723238	2.2075%
1886	0.262782	3.805430	2.2592%
1885	0.256977	3.891401	2.3095%
1884	0.251176	3.981274	2.3641%
1883	0.245375	4.075397	2.4214%

1882	0.239574	4.174078	2.4815%
1881	0.233773	4.277657	3.7644%
1880	0.225292	4.438685	0.9432%
1879	0.223187	4.480552	2.1464%
1878	0.218497	4.576722	2.1913%
1877	0.213812	4.677012	2.2426%
1876	0.209122	4.781899	2.2941%
1875	0.204432	4.891598	2.3456%
1874	0.199747	5.006335	2.4043%
1873	0.195057	5.126703	2.4635%
1872	0.190367	5.253002	2.5258%
1871	0.185678	5.385681	5.9947%
1870	0.175176	5.708535	-1.0968%
1869	0.177119	5.645925	2.1930%
1868	0.173318	5.769738	2.2394%
1867	0.169522	5.898946	2.2935%
1866	0.165721	6.034238	2.3445%
1865	0.161925	6.175709	2.4037%
1864	0.158124	6.324155	2.4599%
1863	0.154328	6.479721	2.5250%
1862	0.150527	6.643335	2.5872%
1861	0.146731	6.815214	2.9504%
1860	0.142525	7.016291	2.4012%
1859	0.139183	7.184769	2.7627%
1858	0.135441	7.383263	2.8412%
1857	0.131700	7.593036	2.9243%
1856	0.127958	7.815079	3.0161%
1855	0.124211	8.050792	3.1061%
1854	0.120470	8.300855	3.2056%
1853	0.116728	8.566949	3.3118%
1852	0.112986	8.850668	3.4252%
1851	0.109244	9.153824	4.0106%
1850	0.105032	9.520948	2.3254%
1849	0.102645	9.742345	2.7841%
1848	0.099864	10.013580	2.8590%
1847	0.097089	10.299869	2.9432%
1846	0.094313	10.603010	3.0324%
1845	0.091537	10.924537	3.1325%
1844	0.088757	11.266748	3.2284%
1843	0.085981	11.630480	3.3361%
1842	0.083205	12.018479	3.4512%
1841	0.080429	12.433260	3.8105%
1840	0.077477	12.907028	2.3861%
1839	0.075672	13.214996	2.5824%
1838	0.073767	13.556259	2.6573%
1837	0.071857	13.916493	2.7232%
1836	0.069952	14.295468	2.7994%
1835	0.068047	14.695661	2.8871%
1834	0.066138	15.119942	2.9657%
1833	0.064233	15.568352	3.0563%
1832	0.062328	16.044171	3.1604%
1831	0.060418	16.551235	3.4660%
1830	0.058395	17.124895	2.4653%

1829	0.056990	17.547075	2.6804%
1828	0.055502	18.017406	10.3427%
1827	0.050300	19.880884	-4.2314%
1826	0.052522	19.039637	2.9150%
1825	0.051034	19.594650	3.0026%
1824	0.049547	20.182992	3.0955%
1823	0.048059	20.807758	3.1944%
1822	0.046571	21.472439	3.3102%
1821	0.045079	22.183218	3.2277%
1820	0.043670	22.899234	2.6573%
1819	0.042539	23.507730	2.6261%
1818	0.041451	24.125068	2.6969%
1817	0.040362	24.775705	2.7717%
1816	0.039274	25.462409	2.8507%
1815	0.038185	26.188265	2.9343%
1814	0.037097	26.956718	3.0231%
1813	0.036008	27.771634	3.1039%
1812	0.034924	28.633636	3.2172%
1811	0.033835	29.554826	3.0969%
1810	0.032819	30.470114	2.9144%
1809	0.031890	31.358128	2.8225%
1808	0.031014	32.243200	2.9199%
1807	0.030134	33.184678	2.9918%
1806	0.029259	34.177492	3.0841%
1805	0.028384	35.231544	3.1822%
1804	0.027508	36.352679	3.2868%
1803	0.026633	37.547514	3.3985%
1802	0.025758	38.823560	3.5180%
1801	0.024882	40.189391	3.3999%
1800	0.024064	41.555809	2.8419%
1799	0.023399	42.736771	2.7485%
1798	0.022773	43.911372	2.8261%
1797	0.022147	45.152365	3.7832%
1796	0.021340	46.860574	2.1272%
1795	0.020895	47.857391	3.0879%
1794	0.020270	49.335198	3.1625%
1793	0.019648	50.895429	3.2904%
1792	0.019022	52.570100	3.4024%
1791	0.018396	54.358728	3.2296%
1790	0.017821	56.114277	41.3145%
1780	0.012611	79.297583	29.4353%
1770	0.009743	102.639076	83.4728%
1750	0.005310	188.314827	29.2845%
1740	0.004107	243.461793	94.2514%
1720	0.002114	472.927928	85.8111%
1700	0.001138	878.752491	19.2490%
1690	0.000954	1047.903992	88.0250%
1670	0.000508	1970.321716	

BASE YEAR: 1977

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.380691	0.724275	8.2857%
2001	1.275045	0.784286	1.0000%
2000	1.262421	0.792129	1.0000%
1999	1.249921	0.800050	1.0000%
1998	1.237546	0.808051	1.0000%
1997	1.225293	0.816131	1.0000%
1996	1.213161	0.824293	1.0000%
1995	1.201150	0.832536	0.9992%
1994	1.189266	0.840854	1.0008%
1993	1.177482	0.849270	1.0000%
1992	1.165824	0.857762	0.9295%
1991	1.155088	0.865735	1.2505%
1990	1.140821	0.876561	0.7224%
1989	1.132639	0.882894	1.1077%
1988	1.120230	0.892674	0.8834%
1987	1.110421	0.900559	0.5594%
1986	1.104244	0.905597	1.3056%
1985	1.090013	0.917420	0.7673%
1984	1.081713	0.924459	0.8149%
1983	1.072969	0.931993	0.9737%
1982	1.062622	0.941069	0.9508%
1981	1.052613	0.950016	0.9031%
1980	1.043193	0.958596	2.2701%
1979	1.020037	0.980356	1.0042%
1978	1.009896	0.990201	0.9896%
1977	1.000000	1.000000	0.9103%
1976	0.990979	1.009103	0.8394%
1975	0.982729	1.017574	0.9042%
1974	0.973923	1.026775	1.1568%
1973	0.962786	1.038652	0.9427%
1972	0.953795	1.048444	0.7426%
1971	0.946764	1.056230	1.4697%
1970	0.933050	1.071754	0.6968%
1969	0.926593	1.079222	0.8565%
1968	0.918724	1.088466	1.5090%
1967	0.905066	1.104891	0.9949%
1966	0.896151	1.115884	1.0575%
1965	0.886773	1.127684	1.1300%
1964	0.876865	1.140427	1.5537%
1963	0.863450	1.158145	1.4658%
1962	0.850976	1.175122	1.5364%
1961	0.838099	1.193177	2.1586%
1960	0.820390	1.218933	-1.6655%
1959	0.834285	1.198632	4.3080%
1958	0.799828	1.250269	2.1130%
1957	0.783278	1.276687	1.9895%
1956	0.767998	1.302086	2.1231%
1955	0.752032	1.329731	1.4496%
1954	0.741286	1.349007	2.1573%
1953	0.725633	1.378108	1.2298%
1952	0.716817	1.395055	1.6814%
1951	0.704964	1.418512	1.6233%
1950	0.693704	1.441538	1.4265%

1949	0.683947	1.462102	1.7790%
1948	0.671992	1.488113	1.8242%
1947	0.659953	1.515259	-2.6320%
1946	0.677793	1.475377	3.1768%
1945	0.656924	1.522247	6.4754%
1944	0.616972	1.620818	-0.3437%
1943	0.619100	1.615248	0.6562%
1942	0.615064	1.625848	0.6633%
1941	0.611011	1.636632	-5.6614%
1940	0.647679	1.543975	8.0381%
1939	0.599491	1.668081	0.8126%
1938	0.594659	1.681637	0.7762%
1937	0.590078	1.694690	0.6029%
1936	0.586542	1.704907	0.5244%
1935	0.583482	1.713848	-3.0364%
1934	0.601754	1.661809	4.6271%
1933	0.575141	1.738703	1.3921%
1932	0.567245	1.762908	-0.2051%
1931	0.568410	1.759292	0.8886%
1930	0.563404	1.774925	1.0126%
1929	0.557756	1.792898	1.1526%
1928	0.551401	1.813563	1.2160%
1927	0.544776	1.835616	1.4086%
1926	0.537209	1.861472	1.7667%
1925	0.527883	1.894358	1.4465%
1924	0.520356	1.921760	1.7700%
1923	0.511306	1.955775	1.6165%
1922	0.503172	1.987390	1.3736%
1921	0.496354	2.014690	2.3393%
1920	0.485008	2.061820	1.3140%
1919	0.478718	2.088912	0.7676%
1918	0.475071	2.104948	0.3870%
1917	0.473240	2.113094	1.3274%
1916	0.467040	2.141144	1.4083%
1915	0.460554	2.171297	1.4458%
1914	0.453990	2.202690	1.9424%
1913	0.445340	2.245474	1.9857%
1912	0.436669	2.290062	1.5634%
1911	0.429948	2.325865	1.8169%
1910	0.422275	2.368124	1.8781%
1909	0.414491	2.412599	2.0082%
1908	0.406331	2.461050	1.9603%
1907	0.398519	2.509293	1.8264%
1906	0.391371	2.555121	1.9357%
1905	0.383939	2.604580	2.0148%
1904	0.376356	2.657058	2.1335%
1903	0.368494	2.713747	1.8151%
1902	0.361925	2.763006	1.8943%
1901	0.355196	2.815347	3.0255%
1900	0.344765	2.900525	0.6278%
1899	0.342614	2.918736	1.7757%
1898	0.336637	2.970562	1.8078%
1897	0.330659	3.024263	1.8396%

1896	0.324686	3.079897	1.8755%
1895	0.318709	3.137662	1.9114%
1894	0.312731	3.197635	1.9486%
1893	0.306754	3.259945	1.9858%
1892	0.300781	3.324681	2.0276%
1891	0.294803	3.392093	2.6465%
1890	0.287202	3.481865	1.5328%
1889	0.282867	3.535236	2.0811%
1888	0.277100	3.608809	2.1599%
1887	0.271241	3.686754	2.2075%
1886	0.265383	3.768140	2.2592%
1885	0.259520	3.853269	2.3095%
1884	0.253662	3.942262	2.3641%
1883	0.247803	4.035462	2.4214%
1882	0.241945	4.133176	2.4815%
1881	0.236086	4.235740	3.7644%
1880	0.227521	4.395190	0.9432%
1879	0.225395	4.436646	2.1464%
1878	0.220659	4.531874	2.1913%
1877	0.215928	4.631181	2.2426%
1876	0.211191	4.735040	2.2941%
1875	0.206455	4.843665	2.3456%
1874	0.201724	4.957277	2.4043%
1873	0.196987	5.076466	2.4635%
1872	0.192251	5.201527	2.5258%
1871	0.187515	5.332906	5.9947%
1870	0.176910	5.652596	-1.0968%
1869	0.178872	5.590599	2.1930%
1868	0.175033	5.713200	2.2394%
1867	0.171199	5.841141	2.2935%
1866	0.167361	5.975108	2.3445%
1865	0.163527	6.115193	2.4037%
1864	0.159689	6.262183	2.4599%
1863	0.155855	6.416226	2.5250%
1862	0.152016	6.578236	2.5872%
1861	0.148183	6.748431	2.9504%
1860	0.143936	6.947537	2.4012%
1859	0.140561	7.114364	2.7627%
1858	0.136782	7.310914	2.8412%
1857	0.133003	7.518631	2.9243%
1856	0.129224	7.738498	3.0161%
1855	0.125441	7.971902	3.1061%
1854	0.121662	8.219514	3.2056%
1853	0.117883	8.483000	3.3118%
1852	0.114104	8.763940	3.4252%
1851	0.110325	9.064124	4.0106%
1850	0.106071	9.427651	2.3254%
1849	0.103660	9.646878	2.7841%
1848	0.100853	9.915456	2.8590%
1847	0.098049	10.198940	2.9432%
1846	0.095246	10.499110	3.0324%
1845	0.092443	10.817486	3.1325%
1844	0.089635	11.156344	3.2284%

1843	0.086832	11.516511	3.3361%
1842	0.084029	11.900709	3.4512%
1841	0.081225	12.311425	3.8105%
1840	0.078244	12.780550	2.3861%
1839	0.076420	13.085501	2.5824%
1838	0.074497	13.423420	2.6573%
1837	0.072568	13.780124	2.7232%
1836	0.070644	14.155385	2.7994%
1835	0.068721	14.551656	2.8871%
1834	0.066792	14.971780	2.9657%
1833	0.064869	15.415796	3.0563%
1832	0.062945	15.886952	3.1604%
1831	0.061016	16.389047	3.4660%
1830	0.058972	16.957086	2.4653%
1829	0.057554	17.375129	2.6804%
1828	0.056051	17.840852	10.3427%
1827	0.050797	19.686069	-4.2314%
1826	0.053042	18.853066	2.9150%
1825	0.051539	19.402640	3.0026%
1824	0.050037	19.985216	3.0955%
1823	0.048535	20.603860	3.1944%
1822	0.047032	21.262028	3.3102%
1821	0.045525	21.965842	3.2277%
1820	0.044102	22.674842	2.6573%
1819	0.042960	23.277375	2.6261%
1818	0.041861	23.888664	2.6969%
1817	0.040762	24.532925	2.7717%
1816	0.039662	25.212900	2.8507%
1815	0.038563	25.931643	2.9343%
1814	0.037464	26.692566	3.0231%
1813	0.036364	27.499496	3.1039%
1812	0.035270	28.353052	3.2172%
1811	0.034170	29.265214	3.0969%
1810	0.033144	30.171533	2.9144%
1809	0.032205	31.050846	2.8225%
1808	0.031321	31.927245	2.9199%
1807	0.030433	32.859497	2.9918%
1806	0.029549	33.842583	3.0841%
1805	0.028665	34.886306	3.1822%
1804	0.027781	35.996455	3.2868%
1803	0.026896	37.179581	3.3985%
1802	0.026012	38.443124	3.5180%
1801	0.025128	39.795571	3.3999%
1800	0.024302	41.148599	2.8419%
1799	0.023631	42.317988	2.7485%
1798	0.022999	43.481079	2.8261%
1797	0.022366	44.709912	3.7832%
1796	0.021551	46.401382	2.1272%
1795	0.021102	47.388431	3.0879%
1794	0.020470	48.851757	3.1625%
1793	0.019843	50.396699	3.2904%
1792	0.019210	52.054959	3.4024%
1791	0.018578	53.826060	3.2296%

1790	0.017997	55.564407	41.3145%
1780	0.012736	78.520537	29.4353%
1770	0.009839	101.633304	83.4728%
1750	0.005363	186.469508	29.2845%
1740	0.004148	241.076082	94.2514%
1720	0.002135	468.293651	85.8111%
1700	0.001149	870.141491	19.2490%
1690	0.000964	1037.635456	88.0250%
1670	0.000513	1951.014298	

BASE YEAR: 1976

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.393260	0.717741	8.2857%
2001	1.286652	0.777211	1.0000%
2000	1.273913	0.784983	1.0000%
1999	1.261300	0.792833	1.0000%
1998	1.248812	0.800761	1.0000%
1997	1.236447	0.808769	1.0000%
1996	1.224205	0.816857	1.0000%
1995	1.212084	0.825025	0.9992%
1994	1.200093	0.833269	1.0008%
1993	1.188202	0.841608	1.0000%
1992	1.176437	0.850024	0.9295%
1991	1.165603	0.857925	1.2505%
1990	1.151207	0.868654	0.7224%
1989	1.142950	0.874929	1.1077%
1988	1.130428	0.884621	0.8834%
1987	1.120530	0.892435	0.5594%
1986	1.114297	0.897427	1.3056%
1985	1.099936	0.909144	0.7673%
1984	1.091560	0.916120	0.8149%
1983	1.082737	0.923586	0.9737%
1982	1.072295	0.932579	0.9508%
1981	1.062196	0.941446	0.9031%
1980	1.052689	0.949948	2.2701%
1979	1.029323	0.971512	1.0042%
1978	1.019090	0.981268	0.9896%
1977	1.009103	0.990979	0.9103%
1976	1.000000	1.000000	0.8394%
1975	0.991675	1.008394	0.9042%
1974	0.982789	1.017512	1.1568%
1973	0.971551	1.029282	0.9427%
1972	0.962477	1.038986	0.7426%
1971	0.955382	1.046701	1.4697%
1970	0.941544	1.062085	0.6968%
1969	0.935029	1.069486	0.8565%
1968	0.927088	1.078647	1.5090%
1967	0.913306	1.094924	0.9949%
1966	0.904309	1.105817	1.0575%
1965	0.894846	1.117511	1.1300%
1964	0.884847	1.130139	1.5537%

1963	0.871310	1.147697	1.4658%
1962	0.858722	1.164521	1.5364%
1961	0.845728	1.182413	2.1586%
1960	0.827858	1.207937	-1.6655%
1959	0.841879	1.187819	4.3080%
1958	0.807109	1.238990	2.1130%
1957	0.790408	1.265169	1.9895%
1956	0.774990	1.290340	2.1231%
1955	0.758878	1.317735	1.4496%
1954	0.748034	1.336837	2.1573%
1953	0.732238	1.365676	1.2298%
1952	0.723343	1.382470	1.6814%
1951	0.711382	1.405715	1.6233%
1950	0.700019	1.428533	1.4265%
1949	0.690173	1.448912	1.7790%
1948	0.678109	1.474689	1.8242%
1947	0.665961	1.501589	-2.6320%
1946	0.683963	1.462067	3.1768%
1945	0.662904	1.508514	6.4754%
1944	0.622589	1.606197	-0.3437%
1943	0.624736	1.600676	0.6562%
1942	0.620663	1.611180	0.6633%
1941	0.616573	1.621867	-5.6614%
1940	0.653575	1.530047	8.0381%
1939	0.604948	1.653033	0.8126%
1938	0.600072	1.666466	0.7762%
1937	0.595450	1.679402	0.6029%
1936	0.591882	1.689527	0.5244%
1935	0.588794	1.698387	-3.0364%
1934	0.607232	1.646817	4.6271%
1933	0.580377	1.723018	1.3921%
1932	0.572408	1.747004	-0.2051%
1931	0.573585	1.743421	0.8886%
1930	0.568533	1.758913	1.0126%
1929	0.562834	1.776724	1.1526%
1928	0.556420	1.797202	1.2160%
1927	0.549736	1.819056	1.4086%
1926	0.542100	1.844679	1.7667%
1925	0.532689	1.877269	1.4465%
1924	0.525093	1.904424	1.7700%
1923	0.515961	1.938131	1.6165%
1922	0.507753	1.969462	1.3736%
1921	0.500873	1.996515	2.3393%
1920	0.489424	2.043220	1.3140%
1919	0.483076	2.070068	0.7676%
1918	0.479396	2.085959	0.3870%
1917	0.477548	2.094031	1.3274%
1916	0.471292	2.121828	1.4083%
1915	0.464747	2.151709	1.4458%
1914	0.458123	2.182819	1.9424%
1913	0.449394	2.225218	1.9857%
1912	0.440645	2.269403	1.5634%
1911	0.433861	2.304883	1.8169%

1910	0.426119	2.346761	1.8781%
1909	0.418264	2.390834	2.0082%
1908	0.410030	2.438848	1.9603%
1907	0.402147	2.486656	1.8264%
1906	0.394934	2.532071	1.9357%
1905	0.387434	2.581083	2.0148%
1904	0.379782	2.633088	2.1335%
1903	0.371849	2.689266	1.8151%
1902	0.365219	2.738080	1.8943%
1901	0.358430	2.789949	3.0255%
1900	0.347904	2.874359	0.6278%
1899	0.345733	2.892405	1.7757%
1898	0.339701	2.943764	1.8078%
1897	0.333669	2.996980	1.8396%
1896	0.327642	3.052113	1.8755%
1895	0.321610	3.109356	1.9114%
1894	0.315578	3.168788	1.9486%
1893	0.309546	3.230536	1.9858%
1892	0.303519	3.294688	2.0276%
1891	0.297487	3.361492	2.6465%
1890	0.289817	3.450455	1.5328%
1889	0.285442	3.503344	2.0811%
1888	0.279622	3.576253	2.1599%
1887	0.273711	3.653495	2.2075%
1886	0.267799	3.734147	2.2592%
1885	0.261882	3.818508	2.3095%
1884	0.255971	3.906697	2.3641%
1883	0.250059	3.999057	2.4214%
1882	0.244147	4.095890	2.4815%
1881	0.238235	4.197528	3.7644%
1880	0.229593	4.355540	0.9432%
1879	0.227447	4.396623	2.1464%
1878	0.222668	4.490991	2.1913%
1877	0.217893	4.589402	2.2426%
1876	0.213114	4.692324	2.2941%
1875	0.208335	4.799969	2.3456%
1874	0.203560	4.912557	2.4043%
1873	0.198781	5.030670	2.4635%
1872	0.194001	5.154603	2.5258%
1871	0.189222	5.284797	5.9947%
1870	0.178520	5.601603	-1.0968%
1869	0.180500	5.540165	2.1930%
1868	0.176627	5.661660	2.2394%
1867	0.172758	5.788447	2.2935%
1866	0.168885	5.921205	2.3445%
1865	0.165016	6.060026	2.4037%
1864	0.161142	6.205691	2.4599%
1863	0.157274	6.358344	2.5250%
1862	0.153400	6.518892	2.5872%
1861	0.149532	6.687552	2.9504%
1860	0.145246	6.884862	2.4012%
1859	0.141840	7.050184	2.7627%
1858	0.138027	7.244960	2.8412%

1857	0.134214	7.450804	2.9243%
1856	0.130400	7.668687	3.0161%
1855	0.126583	7.899985	3.1061%
1854	0.122769	8.145364	3.2056%
1853	0.118956	8.406473	3.3118%
1852	0.115143	8.684878	3.4252%
1851	0.111329	8.982355	4.0106%
1850	0.107037	9.342602	2.3254%
1849	0.104604	9.559852	2.7841%
1848	0.101771	9.826006	2.8590%
1847	0.098942	10.106933	2.9432%
1846	0.096113	10.404395	3.0324%
1845	0.093284	10.719899	3.1325%
1844	0.090451	11.055700	3.2284%
1843	0.087622	11.412618	3.3361%
1842	0.084794	11.793350	3.4512%
1841	0.081965	12.200361	3.8105%
1840	0.078956	12.665254	2.3861%
1839	0.077116	12.967454	2.5824%
1838	0.075175	13.302324	2.6573%
1837	0.073229	13.655810	2.7232%
1836	0.071288	14.027686	2.7994%
1835	0.069346	14.420383	2.8871%
1834	0.067400	14.836716	2.9657%
1833	0.065459	15.276726	3.0563%
1832	0.063518	15.743633	3.1604%
1831	0.061572	16.241198	3.4660%
1830	0.059509	16.804113	2.4653%
1829	0.058077	17.218384	2.6804%
1828	0.056561	17.679905	10.3427%
1827	0.051260	19.508476	-4.2314%
1826	0.053525	18.682988	2.9150%
1825	0.052009	19.227604	3.0026%
1824	0.050492	19.804925	3.0955%
1823	0.048976	20.417988	3.1944%
1822	0.047460	21.070218	3.3102%
1821	0.045940	21.767683	3.2277%
1820	0.044503	22.470287	2.6573%
1819	0.043351	23.067385	2.6261%
1818	0.042242	23.673159	2.6969%
1817	0.041133	24.311608	2.7717%
1816	0.040023	24.985449	2.8507%
1815	0.038914	25.697708	2.9343%
1814	0.037805	26.451767	3.0231%
1813	0.036695	27.251417	3.1039%
1812	0.035591	28.097273	3.2172%
1811	0.034481	29.001206	3.0969%
1810	0.033446	29.899349	2.9144%
1809	0.032498	30.770730	2.8225%
1808	0.031606	31.639222	2.9199%
1807	0.030710	32.563064	2.9918%
1806	0.029818	33.537281	3.0841%
1805	0.028925	34.571588	3.1822%

1804	0.028033	35.671723	3.2868%
1803	0.027141	36.844176	3.3985%
1802	0.026249	38.096320	3.5180%
1801	0.025357	39.436566	3.3999%
1800	0.024523	40.777388	2.8419%
1799	0.023846	41.936228	2.7485%
1798	0.023208	43.088827	2.8261%
1797	0.022570	44.306574	3.7832%
1796	0.021747	45.982784	2.1272%
1795	0.021294	46.960929	3.0879%
1794	0.020656	48.411054	3.1625%
1793	0.020023	49.942059	3.2904%
1792	0.019385	51.585360	3.4024%
1791	0.018747	53.340483	3.2296%
1790	0.018161	55.063148	41.3145%
1780	0.012851	77.812185	29.4353%
1770	0.009929	100.716447	83.4728%
1750	0.005412	184.787325	29.2845%
1740	0.004186	238.901281	94.2514%
1720	0.002155	464.069069	85.8111%
1700	0.001160	862.291750	19.2490%
1690	0.000973	1028.274715	88.0250%
1670	0.000517	1933.413762	

BASE YEAR: 1975

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.404955	0.711766	8.2857%
2001	1.297453	0.770741	1.0000%
2000	1.284607	0.778448	1.0000%
1999	1.271888	0.786233	1.0000%
1998	1.259295	0.794095	1.0000%
1997	1.246826	0.802036	1.0000%
1996	1.234482	0.810057	1.0000%
1995	1.222259	0.818157	0.9992%
1994	1.210167	0.826332	1.0008%
1993	1.198176	0.834602	1.0000%
1992	1.186313	0.842948	0.9295%
1991	1.175387	0.850783	1.2505%
1990	1.160870	0.861423	0.7224%
1989	1.152544	0.867646	1.1077%
1988	1.139917	0.877257	0.8834%
1987	1.129936	0.885006	0.5594%
1986	1.123651	0.889956	1.3056%
1985	1.109169	0.901576	0.7673%
1984	1.100723	0.908493	0.8149%
1983	1.091826	0.915897	0.9737%
1982	1.081296	0.924816	0.9508%
1981	1.071112	0.933609	0.9031%
1980	1.061526	0.942040	2.2701%
1979	1.037964	0.963425	1.0042%
1978	1.027644	0.973099	0.9896%

1977	1.017574	0.982729	0.9103%
1976	1.008394	0.991675	0.8394%
1975	1.000000	1.000000	0.9042%
1974	0.991039	1.009042	1.1568%
1973	0.979706	1.020714	0.9427%
1972	0.970557	1.030337	0.7426%
1971	0.963402	1.037988	1.4697%
1970	0.949448	1.053244	0.6968%
1969	0.942878	1.060583	0.8565%
1968	0.934870	1.069667	1.5090%
1967	0.920972	1.085809	0.9949%
1966	0.911900	1.096612	1.0575%
1965	0.902358	1.108208	1.1300%
1964	0.892275	1.120731	1.5537%
1963	0.878624	1.138143	1.4658%
1962	0.865931	1.154827	1.5364%
1961	0.852828	1.172570	2.1586%
1960	0.834807	1.197881	-1.6655%
1959	0.848946	1.177931	4.3080%
1958	0.813884	1.228676	2.1130%
1957	0.797043	1.254637	1.9895%
1956	0.781495	1.279598	2.1231%
1955	0.765248	1.306765	1.4496%
1954	0.754314	1.325708	2.1573%
1953	0.738385	1.354307	1.2298%
1952	0.729415	1.370962	1.6814%
1951	0.717353	1.394013	1.6233%
1950	0.705895	1.416642	1.4265%
1949	0.695967	1.436850	1.7790%
1948	0.683802	1.462413	1.8242%
1947	0.671551	1.489089	-2.6320%
1946	0.689705	1.449896	3.1768%
1945	0.668469	1.495956	6.4754%
1944	0.627815	1.592826	-0.3437%
1943	0.629980	1.587352	0.6562%
1942	0.625873	1.597768	0.6633%
1941	0.621749	1.608366	-5.6614%
1940	0.659061	1.517310	8.0381%
1939	0.610027	1.639273	0.8126%
1938	0.605109	1.652594	0.7762%
1937	0.600448	1.665422	0.6029%
1936	0.596850	1.675463	0.5244%
1935	0.593737	1.684249	-3.0364%
1934	0.612329	1.633109	4.6271%
1933	0.585249	1.708674	1.3921%
1932	0.577213	1.732461	-0.2051%
1931	0.578400	1.728908	0.8886%
1930	0.573305	1.744271	1.0126%
1929	0.567558	1.761934	1.1526%
1928	0.561091	1.782241	1.2160%
1927	0.554350	1.803913	1.4086%
1926	0.546650	1.829323	1.7667%
1925	0.537160	1.861641	1.4465%

1924	0.529501	1.888570	1.7700%
1923	0.520292	1.921997	1.6165%
1922	0.512015	1.953067	1.3736%
1921	0.505077	1.979895	2.3393%
1920	0.493532	2.026211	1.3140%
1919	0.487131	2.052836	0.7676%
1918	0.483420	2.068594	0.3870%
1917	0.481557	2.076599	1.3274%
1916	0.475248	2.104165	1.4083%
1915	0.468648	2.133797	1.4458%
1914	0.461969	2.164648	1.9424%
1913	0.453167	2.206694	1.9857%
1912	0.444343	2.250511	1.5634%
1911	0.437503	2.285696	1.8169%
1910	0.429696	2.327225	1.8781%
1909	0.421775	2.370932	2.0082%
1908	0.413472	2.418546	1.9603%
1907	0.405522	2.465956	1.8264%
1906	0.398249	2.510993	1.9357%
1905	0.390686	2.559597	2.0148%
1904	0.382970	2.611169	2.1335%
1903	0.374970	2.666879	1.8151%
1902	0.368285	2.715287	1.8943%
1901	0.361438	2.766724	3.0255%
1900	0.350824	2.850431	0.6278%
1899	0.348635	2.868327	1.7757%
1898	0.342553	2.919259	1.8078%
1897	0.336470	2.972032	1.8396%
1896	0.330392	3.026705	1.8755%
1895	0.324310	3.083472	1.9114%
1894	0.318227	3.142409	1.9486%
1893	0.312145	3.203643	1.9858%
1892	0.306067	3.267262	2.0276%
1891	0.299984	3.333509	2.6465%
1890	0.292250	3.421731	1.5328%
1889	0.287838	3.474180	2.0811%
1888	0.281970	3.546482	2.1599%
1887	0.276008	3.623081	2.2075%
1886	0.270047	3.703062	2.2592%
1885	0.264081	3.786720	2.3095%
1884	0.258119	3.874176	2.3641%
1883	0.252158	3.965767	2.4214%
1882	0.246197	4.061794	2.4815%
1881	0.240235	4.162586	3.7644%
1880	0.231520	4.319282	0.9432%
1879	0.229357	4.360023	2.1464%
1878	0.224537	4.453606	2.1913%
1877	0.219722	4.551197	2.2426%
1876	0.214903	4.653263	2.2941%
1875	0.210084	4.760012	2.3456%
1874	0.205269	4.871662	2.4043%
1873	0.200449	4.988792	2.4635%
1872	0.195630	5.111694	2.5258%

1871	0.190810	5.240803	5.9947%
1870	0.180019	5.554972	-1.0968%
1869	0.182015	5.494046	2.1930%
1868	0.178109	5.614529	2.2394%
1867	0.174208	5.740261	2.2935%
1866	0.170302	5.871914	2.3445%
1865	0.166401	6.009580	2.4037%
1864	0.162495	6.154031	2.4599%
1863	0.158594	6.305414	2.5250%
1862	0.154688	6.464626	2.5872%
1861	0.150787	6.631882	2.9504%
1860	0.146465	6.827549	2.4012%
1859	0.143031	6.991495	2.7627%
1858	0.139186	7.184649	2.8412%
1857	0.135340	7.388780	2.9243%
1856	0.131495	7.604849	3.0161%
1855	0.127645	7.834222	3.1061%
1854	0.123800	8.077557	3.2056%
1853	0.119955	8.336494	3.3118%
1852	0.116109	8.612581	3.4252%
1851	0.112264	8.907581	4.0106%
1850	0.107935	9.264829	2.3254%
1849	0.105482	9.480270	2.7841%
1848	0.102625	9.744209	2.8590%
1847	0.099773	10.022797	2.9432%
1846	0.096920	10.317784	3.0324%
1845	0.094068	10.630661	3.1325%
1844	0.091210	10.963667	3.2284%
1843	0.088358	11.317614	3.3361%
1842	0.085505	11.695176	3.4512%
1841	0.082653	12.098799	3.8105%
1840	0.079619	12.559822	2.3861%
1839	0.077763	12.859506	2.5824%
1838	0.075806	13.191589	2.6573%
1837	0.073844	13.542132	2.7232%
1836	0.071886	13.910912	2.7994%
1835	0.069928	14.300340	2.8871%
1834	0.067966	14.713208	2.9657%
1833	0.066009	15.149555	3.0563%
1832	0.064051	15.612575	3.1604%
1831	0.062089	16.105998	3.4660%
1830	0.060009	16.664226	2.4653%
1829	0.058565	17.075050	2.6804%
1828	0.057036	17.532729	10.3427%
1827	0.051690	19.346078	-4.2314%
1826	0.053974	18.527461	2.9150%
1825	0.052445	19.067544	3.0026%
1824	0.050916	19.640059	3.0955%
1823	0.049388	20.248018	3.1944%
1822	0.047859	20.894819	3.3102%
1821	0.046325	21.586478	3.2277%
1820	0.044877	22.283233	2.6573%
1819	0.043715	22.875360	2.6261%

1818	0.042597	23.476091	2.6969%
1817	0.041478	24.109226	2.7717%
1816	0.040359	24.777457	2.8507%
1815	0.039241	25.483787	2.9343%
1814	0.038122	26.231569	3.0231%
1813	0.037003	27.024562	3.1039%
1812	0.035889	27.863377	3.2172%
1811	0.034771	28.759786	3.0969%
1810	0.033726	29.650452	2.9144%
1809	0.032771	30.514578	2.8225%
1808	0.031872	31.375841	2.9199%
1807	0.030967	32.291993	2.9918%
1806	0.030068	33.258100	3.0841%
1805	0.029168	34.283797	3.1822%
1804	0.028269	35.374773	3.2868%
1803	0.027369	36.537466	3.3985%
1802	0.026470	37.779186	3.5180%
1801	0.025570	39.108276	3.3999%
1800	0.024729	40.437936	2.8419%
1799	0.024046	41.587129	2.7485%
1798	0.023403	42.730133	2.8261%
1797	0.022759	43.937743	3.7832%
1796	0.021930	45.600000	2.1272%
1795	0.021473	46.570002	3.0879%
1794	0.020830	48.008055	3.1625%
1793	0.020191	49.526316	3.2904%
1792	0.019548	51.155937	3.4024%
1791	0.018905	52.896450	3.2296%
1790	0.018313	54.604774	41.3145%
1780	0.012959	77.164437	29.4353%
1770	0.010012	99.878032	83.4728%
1750	0.005457	183.249060	29.2845%
1740	0.004221	236.912544	94.2514%
1720	0.002173	460.205920	85.8111%
1700	0.001169	855.113591	19.2490%
1690	0.000981	1019.714829	88.0250%
1670	0.000522	1917.319035	

BASE YEAR: 1974

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.417659	0.705388	8.2857%
2001	1.309184	0.763835	1.0000%
2000	1.296222	0.771473	1.0000%
1999	1.283388	0.779188	1.0000%
1998	1.270681	0.786980	1.0000%
1997	1.258100	0.794849	1.0000%
1996	1.245644	0.802798	1.0000%
1995	1.233310	0.810826	0.9992%
1994	1.221109	0.818928	1.0008%
1993	1.209009	0.827123	1.0000%
1992	1.197039	0.835395	0.9295%

1991	1.186015	0.843160	1.2505%
1990	1.171367	0.853704	0.7224%
1989	1.162965	0.859871	1.1077%
1988	1.150224	0.869396	0.8834%
1987	1.140153	0.877076	0.5594%
1986	1.133810	0.881982	1.3056%
1985	1.119198	0.893497	0.7673%
1984	1.110676	0.900353	0.8149%
1983	1.101698	0.907690	0.9737%
1982	1.091073	0.916529	0.9508%
1981	1.080797	0.925243	0.9031%
1980	1.071124	0.933599	2.2701%
1979	1.047349	0.954792	1.0042%
1978	1.036936	0.964380	0.9896%
1977	1.026775	0.973923	0.9103%
1976	1.017512	0.982789	0.8394%
1975	1.009042	0.991039	0.9042%
1974	1.000000	1.000000	1.1568%
1973	0.988564	1.011568	0.9427%
1972	0.979332	1.021104	0.7426%
1971	0.972113	1.028687	1.4697%
1970	0.958032	1.043806	0.6968%
1969	0.951403	1.051080	0.8565%
1968	0.943323	1.060082	1.5090%
1967	0.929299	1.076079	0.9949%
1966	0.920145	1.086785	1.0575%
1965	0.910516	1.098278	1.1300%
1964	0.900342	1.110689	1.5537%
1963	0.886568	1.127945	1.4658%
1962	0.873760	1.144478	1.5364%
1961	0.860539	1.162063	2.1586%
1960	0.842355	1.187147	-1.6655%
1959	0.856622	1.167376	4.3080%
1958	0.821243	1.217666	2.1130%
1957	0.804250	1.243395	1.9895%
1956	0.788561	1.268132	2.1231%
1955	0.772167	1.295056	1.4496%
1954	0.761134	1.313829	2.1573%
1953	0.745061	1.342172	1.2298%
1952	0.736010	1.358677	1.6814%
1951	0.723840	1.381522	1.6233%
1950	0.712277	1.403947	1.4265%
1949	0.702259	1.423975	1.7790%
1948	0.689984	1.449308	1.8242%
1947	0.677623	1.475746	-2.6320%
1946	0.695941	1.436904	3.1768%
1945	0.674513	1.482552	6.4754%
1944	0.633492	1.578553	-0.3437%
1943	0.635676	1.573128	0.6562%
1942	0.631532	1.583451	0.6633%
1941	0.627371	1.593954	-5.6614%
1940	0.665020	1.503713	8.0381%
1939	0.615542	1.624584	0.8126%

1938	0.610581	1.637785	0.7762%
1937	0.605877	1.650499	0.6029%
1936	0.602247	1.660449	0.5244%
1935	0.599105	1.669156	-3.0364%
1934	0.617866	1.618475	4.6271%
1933	0.590541	1.693364	1.3921%
1932	0.582432	1.716937	-0.2051%
1931	0.583629	1.713416	0.8886%
1930	0.578489	1.728641	1.0126%
1929	0.572690	1.746145	1.1526%
1928	0.566164	1.766271	1.2160%
1927	0.559363	1.787749	1.4086%
1926	0.551593	1.812931	1.7667%
1925	0.542017	1.844960	1.4465%
1924	0.534289	1.871647	1.7700%
1923	0.524996	1.904775	1.6165%
1922	0.516645	1.935566	1.3736%
1921	0.509644	1.962154	2.3393%
1920	0.497994	2.008055	1.3140%
1919	0.491536	2.034441	0.7676%
1918	0.487791	2.050058	0.3870%
1917	0.485911	2.057991	1.3274%
1916	0.479545	2.085310	1.4083%
1915	0.472885	2.114677	1.4458%
1914	0.466146	2.145251	1.9424%
1913	0.457264	2.186920	1.9857%
1912	0.448361	2.230345	1.5634%
1911	0.441459	2.265215	1.8169%
1910	0.433581	2.306372	1.8781%
1909	0.425589	2.349687	2.0082%
1908	0.417210	2.396874	1.9603%
1907	0.409189	2.443859	1.8264%
1906	0.401850	2.488492	1.9357%
1905	0.394219	2.536661	2.0148%
1904	0.386433	2.587771	2.1335%
1903	0.378361	2.642982	1.8151%
1902	0.371615	2.690956	1.8943%
1901	0.364706	2.741932	3.0255%
1900	0.353996	2.824889	0.6278%
1899	0.351788	2.842625	1.7757%
1898	0.345650	2.893100	1.8078%
1897	0.339512	2.945400	1.8396%
1896	0.333380	2.999584	1.8755%
1895	0.327242	3.055842	1.9114%
1894	0.321104	3.114251	1.9486%
1893	0.314967	3.174937	1.9858%
1892	0.308834	3.237985	2.0276%
1891	0.302697	3.303639	2.6465%
1890	0.294892	3.391070	1.5328%
1889	0.290440	3.443049	2.0811%
1888	0.284519	3.514703	2.1599%
1887	0.278504	3.590616	2.2075%
1886	0.272488	3.669880	2.2592%

1885	0.266469	3.752789	2.3095%
1884	0.260453	3.839461	2.3641%
1883	0.254438	3.930231	2.4214%
1882	0.248423	4.025397	2.4815%
1881	0.242407	4.125286	3.7644%
1880	0.233613	4.280578	0.9432%
1879	0.231430	4.320954	2.1464%
1878	0.226567	4.413698	2.1913%
1877	0.221709	4.510416	2.2426%
1876	0.216846	4.611567	2.2941%
1875	0.211983	4.717359	2.3456%
1874	0.207125	4.828009	2.4043%
1873	0.202262	4.944089	2.4635%
1872	0.197399	5.065889	2.5258%
1871	0.192536	5.193842	5.9947%
1870	0.181647	5.505196	-1.0968%
1869	0.183661	5.444816	2.1930%
1868	0.179720	5.564219	2.2394%
1867	0.175783	5.688824	2.2935%
1866	0.171842	5.819298	2.3445%
1865	0.167906	5.955730	2.4037%
1864	0.163964	6.098887	2.4599%
1863	0.160028	6.248913	2.5250%
1862	0.156087	6.406698	2.5872%
1861	0.152150	6.572455	2.9504%
1860	0.147790	6.766369	2.4012%
1859	0.144324	6.928846	2.7627%
1858	0.140444	7.120270	2.8412%
1857	0.136564	7.322571	2.9243%
1856	0.132684	7.536704	3.0161%
1855	0.128799	7.764022	3.1061%
1854	0.124919	8.005177	3.2056%
1853	0.121039	8.261793	3.3118%
1852	0.117159	8.535406	3.4252%
1851	0.113279	8.827763	4.0106%
1850	0.108911	9.181810	2.3254%
1849	0.106436	9.395321	2.7841%
1848	0.103553	9.656894	2.8590%
1847	0.100675	9.932986	2.9432%
1846	0.097796	10.225329	3.0324%
1845	0.094918	10.535403	3.1325%
1844	0.092035	10.865425	3.2284%
1843	0.089157	11.216200	3.3361%
1842	0.086278	11.590379	3.4512%
1841	0.083400	11.990385	3.8105%
1840	0.080339	12.447277	2.3861%
1839	0.078467	12.744276	2.5824%
1838	0.076491	13.073383	2.6573%
1837	0.074511	13.420785	2.7232%
1836	0.072536	13.786261	2.7994%
1835	0.070561	14.172199	2.8871%
1834	0.068581	14.581367	2.9657%
1833	0.066605	15.013805	3.0563%

1832	0.064630	15.472675	3.1604%
1831	0.062650	15.961677	3.4660%
1830	0.060551	16.514903	2.4653%
1829	0.059095	16.922045	2.6804%
1828	0.057552	17.375623	10.3427%
1827	0.052157	19.172723	-4.2314%
1826	0.054462	18.361442	2.9150%
1825	0.052919	18.896685	3.0026%
1824	0.051377	19.464070	3.0955%
1823	0.049834	20.066582	3.1944%
1822	0.048291	20.707587	3.3102%
1821	0.046744	21.393048	3.2277%
1820	0.045283	22.083559	2.6573%
1819	0.044110	22.670381	2.6261%
1818	0.042982	23.265729	2.6969%
1817	0.041853	23.893190	2.7717%
1816	0.040724	24.555434	2.8507%
1815	0.039595	25.255434	2.9343%
1814	0.038467	25.996515	3.0231%
1813	0.037338	26.782403	3.1039%
1812	0.036214	27.613701	3.2172%
1811	0.035085	28.502078	3.0969%
1810	0.034031	29.384763	2.9144%
1809	0.033068	30.241146	2.8225%
1808	0.032160	31.094691	2.9199%
1807	0.031247	32.002634	2.9918%
1806	0.030340	32.960084	3.0841%
1805	0.029432	33.976590	3.1822%
1804	0.028524	35.057791	3.2868%
1803	0.027617	36.210065	3.3985%
1802	0.026709	37.440659	3.5180%
1801	0.025801	38.757838	3.3999%
1800	0.024953	40.075584	2.8419%
1799	0.024263	41.214480	2.7485%
1798	0.023614	42.347242	2.8261%
1797	0.022965	43.544030	3.7832%
1796	0.022128	45.191392	2.1272%
1795	0.021667	46.152702	3.0879%
1794	0.021018	47.577870	3.1625%
1793	0.020374	49.082525	3.2904%
1792	0.019725	50.697544	3.4024%
1791	0.019076	52.422461	3.2296%
1790	0.018479	54.115477	41.3145%
1780	0.013077	76.472989	29.4353%
1770	0.010103	98.983055	83.4728%
1750	0.005506	181.607021	29.2845%
1740	0.004259	234.789642	94.2514%
1720	0.002193	456.082154	85.8111%
1700	0.001180	847.451176	19.2490%
1690	0.000990	1010.577471	88.0250%
1670	0.000526	1900.138517	

BASE YEAR: 1973

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.434058	0.697322	8.2857%
2001	1.324328	0.755100	1.0000%
2000	1.311216	0.762651	1.0000%
1999	1.298234	0.770277	1.0000%
1998	1.285380	0.777980	1.0000%
1997	1.272653	0.785760	1.0000%
1996	1.260053	0.793617	1.0000%
1995	1.247577	0.801554	0.9992%
1994	1.235234	0.809563	1.0008%
1993	1.222995	0.817665	1.0000%
1992	1.210886	0.825841	0.9295%
1991	1.199735	0.833518	1.2505%
1990	1.184917	0.843941	0.7224%
1989	1.176418	0.850038	1.1077%
1988	1.163530	0.859454	0.8834%
1987	1.153342	0.867046	0.5594%
1986	1.146926	0.871896	1.3056%
1985	1.132145	0.883279	0.7673%
1984	1.123524	0.890057	0.8149%
1983	1.114442	0.897310	0.9737%
1982	1.103695	0.906048	0.9508%
1981	1.093300	0.914662	0.9031%
1980	1.083515	0.922922	2.2701%
1979	1.059464	0.943873	1.0042%
1978	1.048931	0.953352	0.9896%
1977	1.038652	0.962786	0.9103%
1976	1.029282	0.971551	0.8394%
1975	1.020714	0.979706	0.9042%
1974	1.011568	0.988564	1.1568%
1973	1.000000	1.000000	0.9427%
1972	0.990661	1.009427	0.7426%
1971	0.983358	1.016923	1.4697%
1970	0.969115	1.031870	0.6968%
1969	0.962409	1.039060	0.8565%
1968	0.954235	1.047960	1.5090%
1967	0.940049	1.063774	0.9949%
1966	0.930789	1.074357	1.0575%
1965	0.921049	1.085718	1.1300%
1964	0.910757	1.097987	1.5537%
1963	0.896824	1.115046	1.4658%
1962	0.883868	1.131391	1.5364%
1961	0.870493	1.148774	2.1586%
1960	0.852100	1.173572	-1.6655%
1959	0.866532	1.154026	4.3080%
1958	0.830743	1.203741	2.1130%
1957	0.813553	1.229176	1.9895%
1956	0.797683	1.253630	2.1231%
1955	0.781100	1.280246	1.4496%
1954	0.769939	1.298805	2.1573%
1953	0.753680	1.326823	1.2298%

1952	0.744524	1.343140	1.6814%
1951	0.732213	1.365723	1.6233%
1950	0.720517	1.387892	1.4265%
1949	0.710383	1.407691	1.7790%
1948	0.697966	1.432735	1.8242%
1947	0.685462	1.458870	-2.6320%
1946	0.703991	1.420472	3.1768%
1945	0.682316	1.465598	6.4754%
1944	0.640820	1.560501	-0.3437%
1943	0.643030	1.555138	0.6562%
1942	0.638837	1.565343	0.6633%
1941	0.634628	1.575726	-5.6614%
1940	0.672713	1.486518	8.0381%
1939	0.622663	1.606006	0.8126%
1938	0.617644	1.619056	0.7762%
1937	0.612886	1.631624	0.6029%
1936	0.609213	1.641461	0.5244%
1935	0.606035	1.650069	-3.0364%
1934	0.625013	1.599967	4.6271%
1933	0.597372	1.673999	1.3921%
1932	0.589170	1.697303	-0.2051%
1931	0.590381	1.693822	0.8886%
1930	0.585181	1.708873	1.0126%
1929	0.579315	1.726177	1.1526%
1928	0.572714	1.746073	1.2160%
1927	0.565833	1.767305	1.4086%
1926	0.557974	1.792199	1.7667%
1925	0.548287	1.823862	1.4465%
1924	0.540469	1.850244	1.7700%
1923	0.531070	1.882993	1.6165%
1922	0.522621	1.913432	1.3736%
1921	0.515540	1.939715	2.3393%
1920	0.503755	1.985091	1.3140%
1919	0.497222	2.011176	0.7676%
1918	0.493434	2.026614	0.3870%
1917	0.491532	2.034457	1.3274%
1916	0.485092	2.061463	1.4083%
1915	0.478356	2.090495	1.4458%
1914	0.471538	2.120719	1.9424%
1913	0.462554	2.161911	1.9857%
1912	0.453548	2.204840	1.5634%
1911	0.446566	2.239311	1.8169%
1910	0.438597	2.279997	1.8781%
1909	0.430512	2.322817	2.0082%
1908	0.422036	2.369464	1.9603%
1907	0.413922	2.415912	1.8264%
1906	0.406498	2.460035	1.9357%
1905	0.398779	2.507653	2.0148%
1904	0.390903	2.558178	2.1335%
1903	0.382737	2.612758	1.8151%
1902	0.375914	2.660183	1.8943%
1901	0.368925	2.710576	3.0255%
1900	0.358091	2.792585	0.6278%

1899	0.355857	2.810118	1.7757%
1898	0.349648	2.860016	1.8078%
1897	0.343440	2.911718	1.8396%
1896	0.337236	2.965282	1.8755%
1895	0.331028	3.020897	1.9114%
1894	0.324819	3.078638	1.9486%
1893	0.318610	3.138629	1.9858%
1892	0.312407	3.200956	2.0276%
1891	0.306198	3.265860	2.0645%
1890	0.298303	3.352291	2.1014%
1889	0.293800	3.403676	2.0811%
1888	0.287810	3.474511	2.1599%
1887	0.281725	3.549555	2.2075%
1886	0.275641	3.627913	2.2592%
1885	0.269551	3.709873	2.3095%
1884	0.263466	3.795554	2.3641%
1883	0.257381	3.885287	2.4214%
1882	0.251296	3.979364	2.4815%
1881	0.245212	4.078111	2.5444%
1880	0.236316	4.231627	2.6092%
1879	0.234108	4.271541	2.1464%
1878	0.229188	4.363225	2.1913%
1877	0.224274	4.458836	2.2426%
1876	0.219355	4.558831	2.2941%
1875	0.214435	4.663413	2.3456%
1874	0.209521	4.772797	2.4043%
1873	0.204601	4.887551	2.4635%
1872	0.199682	5.007958	2.5258%
1871	0.194763	5.134447	2.5947%
1870	0.183748	5.442241	-1.0968%
1869	0.185786	5.382551	2.1930%
1868	0.181799	5.500589	2.2394%
1867	0.177817	5.623769	2.2935%
1866	0.173830	5.752751	2.3445%
1865	0.169848	5.887622	2.4037%
1864	0.165861	6.029143	2.4599%
1863	0.161879	6.177453	2.5250%
1862	0.157892	6.333434	2.5872%
1861	0.153910	6.497295	2.6504%
1860	0.149499	6.688992	2.7122%
1859	0.145994	6.849611	2.7627%
1858	0.142069	7.038845	2.8412%
1857	0.138144	7.238833	2.9243%
1856	0.134219	7.450518	3.0161%
1855	0.130289	7.675236	3.1061%
1854	0.126364	7.913633	3.2056%
1853	0.122439	8.167314	3.3118%
1852	0.118514	8.437799	3.4252%
1851	0.114589	8.726812	3.5466%
1850	0.110171	9.076810	3.6754%
1849	0.107667	9.287879	2.7841%
1848	0.104751	9.546462	2.8590%
1847	0.101839	9.819396	2.9432%

1846	0.098928	10.108397	3.0324%
1845	0.096016	10.414924	3.1325%
1844	0.093100	10.741172	3.2284%
1843	0.090188	11.087936	3.3361%
1842	0.087277	11.457836	3.4512%
1841	0.084365	11.853268	3.8105%
1840	0.081268	12.304935	2.3861%
1839	0.079374	12.598538	2.5824%
1838	0.077376	12.923881	2.6573%
1837	0.075373	13.267310	2.7232%
1836	0.073375	13.628607	2.7994%
1835	0.071377	14.010131	2.8871%
1834	0.069374	14.414621	2.9657%
1833	0.067376	14.842113	3.0563%
1832	0.065378	15.295736	3.1604%
1831	0.063375	15.779146	3.4660%
1830	0.061252	16.326046	2.4653%
1829	0.059778	16.728532	2.6804%
1828	0.058218	17.176922	10.3427%
1827	0.052761	18.953472	-4.2314%
1826	0.055092	18.151468	2.9150%
1825	0.053531	18.680590	3.0026%
1824	0.051971	19.241487	3.0955%
1823	0.050411	19.837108	3.1944%
1822	0.048850	20.470783	3.3102%
1821	0.047285	21.148405	3.2277%
1820	0.045806	21.831021	2.6573%
1819	0.044621	22.411131	2.6261%
1818	0.043479	22.999672	2.6969%
1817	0.042337	23.619957	2.7717%
1816	0.041195	24.274628	2.8507%
1815	0.040053	24.966623	2.9343%
1814	0.038912	25.699230	3.0231%
1813	0.037770	26.476130	3.1039%
1812	0.036633	27.297922	3.2172%
1811	0.035491	28.176139	3.0969%
1810	0.034425	29.048731	2.9144%
1809	0.033450	29.895321	2.8225%
1808	0.032532	30.739105	2.9199%
1807	0.031609	31.636665	2.9918%
1806	0.030691	32.583165	3.0841%
1805	0.029772	33.588047	3.1822%
1804	0.028854	34.656884	3.2868%
1803	0.027936	35.795981	3.3985%
1802	0.027018	37.012502	3.5180%
1801	0.026100	38.314619	3.3999%
1800	0.025242	39.617296	2.8419%
1799	0.024544	40.743167	2.7485%
1798	0.023887	41.862976	2.8261%
1797	0.023231	43.046078	3.7832%
1796	0.022384	44.674601	2.1272%
1795	0.021918	45.624919	3.0879%
1794	0.021261	47.033788	3.1625%

1793	0.020610	48.521237	3.2904%
1792	0.019953	50.117787	3.4024%
1791	0.019296	51.822978	3.2296%
1790	0.018693	53.496634	41.3145%
1780	0.013228	75.598475	29.4353%
1770	0.010220	97.851124	83.4728%
1750	0.005570	179.530236	29.2845%
1740	0.004308	232.104682	94.2514%
1720	0.002218	450.866581	85.8111%
1700	0.001194	837.760064	19.2490%
1690	0.001001	999.020913	88.0250%
1670	0.000532	1878.409294	

BASE YEAR: 1972

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.447577	0.690810	8.2857%
2001	1.336813	0.748048	1.0000%
2000	1.323577	0.755528	1.0000%
1999	1.310472	0.763084	1.0000%
1998	1.297497	0.770714	1.0000%
1997	1.284651	0.778422	1.0000%
1996	1.271932	0.786206	1.0000%
1995	1.259338	0.794068	0.9992%
1994	1.246879	0.802002	1.0008%
1993	1.234524	0.810029	1.0000%
1992	1.222301	0.818129	0.9295%
1991	1.211044	0.825734	1.2505%
1990	1.196087	0.836059	0.7224%
1989	1.187508	0.842100	1.1077%
1988	1.174499	0.851427	0.8834%
1987	1.164214	0.858948	0.5594%
1986	1.157738	0.863753	1.3056%
1985	1.142817	0.875030	0.7673%
1984	1.134115	0.881744	0.8149%
1983	1.124948	0.888930	0.9737%
1982	1.114099	0.897586	0.9508%
1981	1.103606	0.906120	0.9031%
1980	1.093729	0.914303	2.2701%
1979	1.069452	0.935059	1.0042%
1978	1.058819	0.944448	0.9896%
1977	1.048444	0.953795	0.9103%
1976	1.038986	0.962477	0.8394%
1975	1.030337	0.970557	0.9042%
1974	1.021104	0.979332	1.1568%
1973	1.009427	0.990661	0.9427%
1972	1.000000	1.000000	0.7426%
1971	0.992628	1.007426	1.4697%
1970	0.978251	1.022233	0.6968%
1969	0.971481	1.029356	0.8565%
1968	0.963231	1.038173	1.5090%
1967	0.948911	1.053839	0.9949%

1966	0.939564	1.064324	1.0575%
1965	0.929732	1.075579	1.1300%
1964	0.919343	1.087733	1.5537%
1963	0.905278	1.104633	1.4658%
1962	0.892200	1.120825	1.5364%
1961	0.878700	1.138045	2.1586%
1960	0.860132	1.162612	-1.6655%
1959	0.874700	1.143249	4.3080%
1958	0.838575	1.192500	2.1130%
1957	0.821223	1.217697	1.9895%
1956	0.805203	1.241923	2.1231%
1955	0.788463	1.268290	1.4496%
1954	0.777197	1.286675	2.1573%
1953	0.760785	1.314432	1.2298%
1952	0.751543	1.330596	1.6814%
1951	0.739115	1.352969	1.6233%
1950	0.727309	1.374931	1.4265%
1949	0.717080	1.394545	1.7790%
1948	0.704546	1.419354	1.8242%
1947	0.691924	1.445246	-2.6320%
1946	0.710628	1.407206	3.1768%
1945	0.688748	1.451910	6.4754%
1944	0.646861	1.545928	-0.3437%
1943	0.649092	1.540615	0.6562%
1942	0.644860	1.550725	0.6633%
1941	0.640611	1.561011	-5.6614%
1940	0.679055	1.472635	8.0381%
1939	0.628533	1.591007	0.8126%
1938	0.623466	1.603936	0.7762%
1937	0.618664	1.616387	0.6029%
1936	0.614956	1.626131	0.5244%
1935	0.611748	1.634659	-3.0364%
1934	0.630905	1.585024	4.6271%
1933	0.603003	1.658365	1.3921%
1932	0.594724	1.681452	-0.2051%
1931	0.595946	1.678003	0.8886%
1930	0.590697	1.692914	1.0126%
1929	0.584776	1.710056	1.1526%
1928	0.578113	1.729766	1.2160%
1927	0.571167	1.750800	1.4086%
1926	0.563234	1.775462	1.7667%
1925	0.553456	1.806829	1.4465%
1924	0.545564	1.832964	1.7700%
1923	0.536076	1.865407	1.6165%
1922	0.527548	1.895562	1.3736%
1921	0.520400	1.921600	2.3393%
1920	0.508504	1.966553	1.3140%
1919	0.501909	1.992393	0.7676%
1918	0.498085	2.007688	0.3870%
1917	0.496165	2.015457	1.3274%
1916	0.489665	2.042211	1.4083%
1915	0.482865	2.070971	1.4458%
1914	0.475983	2.100914	1.9424%

1913	0.466914	2.141721	1.9857%
1912	0.457823	2.184249	1.5634%
1911	0.450776	2.218398	1.8169%
1910	0.442732	2.258704	1.8781%
1909	0.434570	2.301124	2.0082%
1908	0.426015	2.347336	1.9603%
1907	0.417824	2.393350	1.8264%
1906	0.410330	2.437061	1.9357%
1905	0.402539	2.484234	2.0148%
1904	0.394588	2.534288	2.1335%
1903	0.386345	2.588357	1.8151%
1902	0.379458	2.635340	1.8943%
1901	0.372403	2.685262	3.0255%
1900	0.361467	2.766505	0.6278%
1899	0.359212	2.783874	1.7757%
1898	0.352945	2.833306	1.8078%
1897	0.346677	2.884525	1.8396%
1896	0.340415	2.937589	1.8755%
1895	0.334148	2.992685	1.9114%
1894	0.327881	3.049886	1.9486%
1893	0.321614	3.109318	1.9858%
1892	0.315352	3.171063	2.0276%
1891	0.309085	3.235360	2.6465%
1890	0.301116	3.320984	1.5328%
1889	0.296570	3.371889	2.0811%
1888	0.290524	3.442062	2.1599%
1887	0.284381	3.516406	2.2075%
1886	0.278239	3.594032	2.2592%
1885	0.272092	3.675227	2.3095%
1884	0.265950	3.760108	2.3641%
1883	0.259808	3.849002	2.4214%
1882	0.253665	3.942201	2.4815%
1881	0.247523	4.040026	3.7644%
1880	0.238543	4.192108	0.9432%
1879	0.236314	4.231649	2.1464%
1878	0.231349	4.322477	2.1913%
1877	0.226388	4.417195	2.2426%
1876	0.221422	4.516256	2.2941%
1875	0.216457	4.619861	2.3456%
1874	0.211496	4.728224	2.4043%
1873	0.206530	4.841906	2.4635%
1872	0.201565	4.961188	2.5258%
1871	0.196599	5.086497	5.9947%
1870	0.185480	5.391416	-1.0968%
1869	0.187537	5.332283	2.1930%
1868	0.183513	5.449219	2.2394%
1867	0.179493	5.571249	2.2935%
1866	0.175469	5.699026	2.3445%
1865	0.171449	5.832638	2.4037%
1864	0.167425	5.972837	2.4599%
1863	0.163405	6.119761	2.5250%
1862	0.159381	6.274286	2.5872%
1861	0.155361	6.436617	2.9504%

1860	0.150909	6.626524	2.4012%
1859	0.147370	6.785642	2.7627%
1858	0.143408	6.973110	2.8412%
1857	0.139446	7.171230	2.9243%
1856	0.135484	7.380937	3.0161%
1855	0.131517	7.603557	3.1061%
1854	0.127555	7.839727	3.2056%
1853	0.123594	8.091040	3.3118%
1852	0.119632	8.358998	3.4252%
1851	0.115670	8.645313	4.0106%
1850	0.111209	8.992042	2.3254%
1849	0.108682	9.201140	2.7841%
1848	0.105738	9.457308	2.8590%
1847	0.102799	9.727693	2.9432%
1846	0.099860	10.013994	3.0324%
1845	0.096921	10.317659	3.1325%
1844	0.093977	10.640861	3.2284%
1843	0.091038	10.984386	3.3361%
1842	0.088099	11.350831	3.4512%
1841	0.085160	11.742570	3.8105%
1840	0.082034	12.190020	2.3861%
1839	0.080123	12.480880	2.5824%
1838	0.078106	12.803185	2.6573%
1837	0.076084	13.143407	2.7232%
1836	0.074067	13.501329	2.7994%
1835	0.072050	13.879291	2.8871%
1834	0.070028	14.280003	2.9657%
1833	0.068011	14.703502	3.0563%
1832	0.065994	15.152889	3.1604%
1831	0.063972	15.631784	3.4660%
1830	0.061829	16.173577	2.4653%
1829	0.060342	16.572304	2.6804%
1828	0.058766	17.016507	10.3427%
1827	0.053258	18.776465	-4.2314%
1826	0.055611	17.981952	2.9150%
1825	0.054036	18.506132	3.0026%
1824	0.052461	19.061791	3.0955%
1823	0.050886	19.651850	3.1944%
1822	0.049311	20.279607	3.3102%
1821	0.047731	20.950900	3.2277%
1820	0.046238	21.627141	2.6573%
1819	0.045041	22.201834	2.6261%
1818	0.043889	22.784878	2.6969%
1817	0.042736	23.399371	2.7717%
1816	0.041584	24.047927	2.8507%
1815	0.040431	24.733460	2.9343%
1814	0.039278	25.459225	3.0231%
1813	0.038126	26.228870	3.1039%
1812	0.036978	27.042987	3.2172%
1811	0.035826	27.913003	3.0969%
1810	0.034749	28.777445	2.9144%
1809	0.033765	29.616129	2.8225%
1808	0.032839	30.452033	2.9199%

1807	0.031907	31.341210	2.9918%
1806	0.030980	32.278871	3.0841%
1805	0.030053	33.274369	3.1822%
1804	0.029126	34.333223	3.2868%
1803	0.028199	35.461683	3.3985%
1802	0.027273	36.666843	3.5180%
1801	0.026346	37.956799	3.3999%
1800	0.025479	39.247310	2.8419%
1799	0.024775	40.362667	2.7485%
1798	0.024113	41.472018	2.8261%
1797	0.023450	42.644071	3.7832%
1796	0.022595	44.257386	2.1272%
1795	0.022124	45.198828	3.0879%
1794	0.021462	46.594540	3.1625%
1793	0.020804	48.068098	3.2904%
1792	0.020141	49.649738	3.4024%
1791	0.019478	51.339004	3.2296%
1790	0.018869	52.997030	41.3145%
1780	0.013352	74.892462	29.4353%
1770	0.010316	96.937293	83.4728%
1750	0.005623	177.853604	29.2845%
1740	0.004349	229.937058	94.2514%
1720	0.002239	446.655942	85.8111%
1700	0.001205	829.936230	19.2490%
1690	0.001010	989.691065	88.0250%
1670	0.000537	1860.866845	

BASE YEAR: 1971

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.458327	0.685717	8.2857%
2001	1.346741	0.742533	1.0000%
2000	1.333406	0.749959	1.0000%
1999	1.320204	0.757458	1.0000%
1998	1.307133	0.765033	1.0000%
1997	1.294191	0.772683	1.0000%
1996	1.281377	0.780410	1.0000%
1995	1.268690	0.788214	0.9992%
1994	1.256139	0.796090	1.0008%
1993	1.243692	0.804057	1.0000%
1992	1.231378	0.812098	0.9295%
1991	1.220038	0.819647	1.2505%
1990	1.204970	0.829896	0.7224%
1989	1.196327	0.835892	1.1077%
1988	1.183221	0.845151	0.8834%
1987	1.172860	0.852617	0.5594%
1986	1.166336	0.857386	1.3056%
1985	1.151304	0.868580	0.7673%
1984	1.142538	0.875245	0.8149%
1983	1.133302	0.882377	0.9737%
1982	1.122373	0.890969	0.9508%
1981	1.111802	0.899441	0.9031%

1980	1.101851	0.907563	2.2701%
1979	1.077394	0.928166	1.0042%
1978	1.066682	0.937486	0.9896%
1977	1.056230	0.946764	0.9103%
1976	1.046701	0.955382	0.8394%
1975	1.037988	0.963402	0.9042%
1974	1.028687	0.972113	1.1568%
1973	1.016923	0.983358	0.9427%
1972	1.007426	0.992628	0.7426%
1971	1.000000	1.000000	1.4697%
1970	0.985516	1.014697	0.6968%
1969	0.978696	1.021768	0.8565%
1968	0.970384	1.030520	1.5090%
1967	0.955958	1.046071	0.9949%
1966	0.946541	1.056478	1.0575%
1965	0.936636	1.067650	1.1300%
1964	0.926171	1.079715	1.5537%
1963	0.912001	1.096490	1.4658%
1962	0.898826	1.112562	1.5364%
1961	0.885225	1.129656	2.1586%
1960	0.866520	1.154041	-1.6655%
1959	0.881196	1.134821	4.3080%
1958	0.844802	1.183709	2.1130%
1957	0.827321	1.208720	1.9895%
1956	0.811183	1.232768	2.1231%
1955	0.794319	1.258941	1.4496%
1954	0.782969	1.277190	2.1573%
1953	0.766435	1.304742	1.2298%
1952	0.757124	1.320788	1.6814%
1951	0.744604	1.342995	1.6233%
1950	0.732711	1.364796	1.4265%
1949	0.722405	1.384265	1.7790%
1948	0.709778	1.408891	1.8242%
1947	0.697062	1.434592	-2.6320%
1946	0.715905	1.396833	3.1768%
1945	0.693863	1.441208	6.4754%
1944	0.651665	1.534532	-0.3437%
1943	0.653912	1.529258	0.6562%
1942	0.649649	1.539293	0.6633%
1941	0.645368	1.549503	-5.6614%
1940	0.684098	1.461779	8.0381%
1939	0.633200	1.579279	0.8126%
1938	0.628096	1.592112	0.7762%
1937	0.623258	1.604471	0.6029%
1936	0.619523	1.614144	0.5244%
1935	0.616292	1.622609	-3.0364%
1934	0.635590	1.573340	4.6271%
1933	0.607482	1.646141	1.3921%
1932	0.599141	1.669057	-0.2051%
1931	0.600372	1.665634	0.8886%
1930	0.595084	1.680435	1.0126%
1929	0.589119	1.697450	1.1526%
1928	0.582406	1.717015	1.2160%

1927	0.575409	1.737894	1.4086%
1926	0.567417	1.762374	1.7667%
1925	0.557566	1.793509	1.4465%
1924	0.549616	1.819453	1.7700%
1923	0.540057	1.851656	1.6165%
1922	0.531466	1.881589	1.3736%
1921	0.524264	1.907435	2.3393%
1920	0.512280	1.952056	1.3140%
1919	0.505636	1.977706	0.7676%
1918	0.501784	1.992888	0.3870%
1917	0.499850	2.000600	1.3274%
1916	0.493302	2.027157	1.4083%
1915	0.486451	2.055705	1.4458%
1914	0.479518	2.085426	1.9424%
1913	0.470382	2.125933	1.9857%
1912	0.461223	2.168147	1.5634%
1911	0.454123	2.202044	1.8169%
1910	0.446020	2.242054	1.8781%
1909	0.437798	2.284161	2.0082%
1908	0.429179	2.330032	1.9603%
1907	0.420927	2.375707	1.8264%
1906	0.413378	2.419096	1.9357%
1905	0.405528	2.465921	2.0148%
1904	0.397519	2.515606	2.1335%
1903	0.389215	2.569277	1.8151%
1902	0.382276	2.615913	1.8943%
1901	0.375169	2.665468	3.0255%
1900	0.364151	2.746111	0.6278%
1899	0.361879	2.763352	1.7757%
1898	0.355566	2.812420	1.8078%
1897	0.349252	2.863262	1.8396%
1896	0.342943	2.915934	1.8755%
1895	0.336630	2.970624	1.9114%
1894	0.330316	3.027404	1.9486%
1893	0.324002	3.086397	1.9858%
1892	0.317694	3.147687	2.0276%
1891	0.311380	3.211510	2.6465%
1890	0.303352	3.296503	1.5328%
1889	0.298772	3.347033	2.0811%
1888	0.292681	3.416689	2.1599%
1887	0.286493	3.490484	2.2075%
1886	0.280305	3.567538	2.2592%
1885	0.274113	3.648134	2.3095%
1884	0.267925	3.732390	2.3641%
1883	0.261737	3.820628	2.4214%
1882	0.255549	3.913141	2.4815%
1881	0.249361	4.010244	3.7644%
1880	0.240315	4.161206	0.9432%
1879	0.238069	4.200455	2.1464%
1878	0.233067	4.290613	2.1913%
1877	0.228069	4.384633	2.2426%
1876	0.223067	4.482964	2.2941%
1875	0.218064	4.585805	2.3456%

1874	0.213067	4.693370	2.4043%
1873	0.208064	4.806213	2.4635%
1872	0.203062	4.924616	2.5258%
1871	0.198059	5.049001	5.9947%
1870	0.186857	5.351672	-1.0968%
1869	0.188930	5.292976	2.1930%
1868	0.184875	5.409049	2.2394%
1867	0.180826	5.530180	2.2935%
1866	0.176772	5.657015	2.3445%
1865	0.172722	5.789642	2.4037%
1864	0.168668	5.928807	2.4599%
1863	0.164619	6.074649	2.5250%
1862	0.160564	6.228034	2.5872%
1861	0.156515	6.389169	2.9504%
1860	0.152029	6.577675	2.4012%
1859	0.148464	6.735621	2.7627%
1858	0.144473	6.921707	2.8412%
1857	0.140482	7.118366	2.9243%
1856	0.136490	7.326528	3.0161%
1855	0.132494	7.547506	3.1061%
1854	0.128503	7.781936	3.2056%
1853	0.124511	8.031396	3.3118%
1852	0.120520	8.297379	3.4252%
1851	0.116529	8.581583	4.0106%
1850	0.112035	8.925756	2.3254%
1849	0.109489	9.133313	2.7841%
1848	0.106524	9.387592	2.8590%
1847	0.103563	9.655984	2.9432%
1846	0.100602	9.940175	3.0324%
1845	0.097641	10.241601	3.1325%
1844	0.094675	10.562420	3.2284%
1843	0.091714	10.903413	3.3361%
1842	0.088754	11.267157	3.4512%
1841	0.085793	11.656009	3.8105%
1840	0.082644	12.100159	2.3861%
1839	0.080718	12.388876	2.5824%
1838	0.078686	12.708805	2.6573%
1837	0.076649	13.046519	2.7232%
1836	0.074617	13.401803	2.7994%
1835	0.072585	13.776978	2.8871%
1834	0.070548	14.174736	2.9657%
1833	0.068516	14.595114	3.0563%
1832	0.066484	15.041188	3.1604%
1831	0.064447	15.516553	3.4660%
1830	0.062288	16.054351	2.4653%
1829	0.060790	16.450139	2.6804%
1828	0.059203	16.891068	10.3427%
1827	0.053654	18.638052	-4.2314%
1826	0.056024	17.849396	2.9150%
1825	0.054437	18.369712	3.0026%
1824	0.052851	18.921274	3.0955%
1823	0.051264	19.506984	3.1944%
1822	0.049677	20.130113	3.3102%

1821	0.048085	20.796458	3.2277%
1820	0.046582	21.467714	2.6573%
1819	0.045376	22.038170	2.6261%
1818	0.044215	22.616917	2.6969%
1817	0.043054	23.226879	2.7717%
1816	0.041892	23.870655	2.8507%
1815	0.040731	24.551134	2.9343%
1814	0.039570	25.271549	3.0231%
1813	0.038409	26.035521	3.1039%
1812	0.037253	26.843636	3.2172%
1811	0.036092	27.707239	3.0969%
1810	0.035007	28.565308	2.9144%
1809	0.034016	29.397810	2.8225%
1808	0.033082	30.227552	2.9199%
1807	0.032144	31.110175	2.9918%
1806	0.031210	32.040924	3.0841%
1805	0.030276	33.029083	3.1822%
1804	0.029343	34.080132	3.2868%
1803	0.028409	35.200272	3.3985%
1802	0.027475	36.396549	3.5180%
1801	0.026541	37.676996	3.3999%
1800	0.025669	38.957994	2.8419%
1799	0.024959	40.065129	2.7485%
1798	0.024292	41.166302	2.8261%
1797	0.023624	42.329715	3.7832%
1796	0.022763	43.931137	2.1272%
1795	0.022289	44.865639	3.0879%
1794	0.021621	46.251063	3.1625%
1793	0.020958	47.713758	3.2904%
1792	0.020291	49.283739	3.4024%
1791	0.019623	50.960552	3.2296%
1790	0.019009	52.606356	41.3145%
1780	0.013452	74.340383	29.4353%
1770	0.010393	96.222708	83.4728%
1750	0.005664	176.542535	29.2845%
1740	0.004381	228.242049	94.2514%
1720	0.002255	443.363363	85.8111%
1700	0.001214	823.818254	19.2490%
1690	0.001018	982.395437	88.0250%
1670	0.000541	1847.149240	

BASE YEAR: 1970

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.479761	0.675785	8.2857%
2001	1.366534	0.731778	1.0000%
2000	1.353004	0.739096	1.0000%
1999	1.339608	0.746487	1.0000%
1998	1.326344	0.753952	1.0000%
1997	1.313212	0.761491	1.0000%
1996	1.300210	0.769106	1.0000%
1995	1.287337	0.776797	0.9992%

1994	1.274601	0.784559	1.0008%
1993	1.261971	0.792411	1.0000%
1992	1.249476	0.800335	0.9295%
1991	1.237969	0.807774	1.2505%
1990	1.222680	0.817876	0.7224%
1989	1.213910	0.823784	1.1077%
1988	1.200611	0.832909	0.8834%
1987	1.190098	0.840267	0.5594%
1986	1.183478	0.844967	1.3056%
1985	1.168225	0.855999	0.7673%
1984	1.159330	0.862567	0.8149%
1983	1.149959	0.869597	0.9737%
1982	1.138869	0.878064	0.9508%
1981	1.128142	0.886413	0.9031%
1980	1.118046	0.894418	2.2701%
1979	1.093229	0.914722	1.0042%
1978	1.082360	0.923907	0.9896%
1977	1.071754	0.933050	0.9103%
1976	1.062085	0.941544	0.8394%
1975	1.053244	0.949448	0.9042%
1974	1.043806	0.958032	1.1568%
1973	1.031870	0.969115	0.9427%
1972	1.022233	0.978251	0.7426%
1971	1.014697	0.985516	1.4697%
1970	1.000000	1.000000	0.6968%
1969	0.993080	1.006968	0.8565%
1968	0.984646	1.015593	1.5090%
1967	0.970008	1.030919	0.9949%
1966	0.960453	1.041176	1.0575%
1965	0.950403	1.052186	1.1300%
1964	0.939783	1.064076	1.5537%
1963	0.925405	1.080608	1.4658%
1962	0.912036	1.096447	1.5364%
1961	0.898236	1.113294	2.1586%
1960	0.879256	1.137326	-1.6655%
1959	0.894148	1.118384	4.3080%
1958	0.857219	1.166564	2.1130%
1957	0.839481	1.191213	1.9895%
1956	0.823105	1.214912	2.1231%
1955	0.805993	1.240705	1.4496%
1954	0.794476	1.258691	2.1573%
1953	0.777699	1.285844	1.2298%
1952	0.768252	1.301657	1.6814%
1951	0.755548	1.323542	1.6233%
1950	0.743479	1.345027	1.4265%
1949	0.733023	1.364214	1.7790%
1948	0.720210	1.388484	1.8242%
1947	0.707307	1.413813	-2.6320%
1946	0.726427	1.376600	3.1768%
1945	0.704061	1.420332	6.4754%
1944	0.661242	1.512305	-0.3437%
1943	0.663523	1.507107	0.6562%
1942	0.659197	1.516997	0.6633%

1941	0.654853	1.527060	-5.6614%
1940	0.694152	1.440606	8.0381%
1939	0.642507	1.556404	0.8126%
1938	0.637328	1.569052	0.7762%
1937	0.632419	1.581231	0.6029%
1936	0.628629	1.590764	0.5244%
1935	0.625349	1.599106	-3.0364%
1934	0.644932	1.550551	4.6271%
1933	0.616410	1.622297	1.3921%
1932	0.607947	1.644881	-0.2051%
1931	0.609196	1.641508	0.8886%
1930	0.603830	1.656094	1.0126%
1929	0.597777	1.672864	1.1526%
1928	0.590966	1.692145	1.2160%
1927	0.583866	1.712722	1.4086%
1926	0.575756	1.736847	1.7667%
1925	0.565761	1.767531	1.4465%
1924	0.557694	1.793099	1.7700%
1923	0.547994	1.824836	1.6165%
1922	0.539277	1.854335	1.3736%
1921	0.531970	1.879807	2.3393%
1920	0.519810	1.923781	1.3140%
1919	0.513068	1.949060	0.7676%
1918	0.509159	1.964022	0.3870%
1917	0.507197	1.971622	1.3274%
1916	0.500552	1.997794	1.4083%
1915	0.493601	2.025929	1.4458%
1914	0.486566	2.055220	1.9424%
1913	0.477295	2.095140	1.9857%
1912	0.468002	2.136743	1.5634%
1911	0.460798	2.170149	1.8169%
1910	0.452575	2.209579	1.8781%
1909	0.444232	2.251076	2.0082%
1908	0.435486	2.296283	1.9603%
1907	0.427114	2.341296	1.8264%
1906	0.419453	2.384056	1.9357%
1905	0.411488	2.430204	2.0148%
1904	0.403361	2.479168	2.1335%
1903	0.394935	2.532062	1.8151%
1902	0.387894	2.578023	1.8943%
1901	0.380683	2.626860	3.0255%
1900	0.369503	2.706335	0.6278%
1899	0.367198	2.723327	1.7757%
1898	0.360792	2.771684	1.8078%
1897	0.354385	2.821789	1.8396%
1896	0.347984	2.873698	1.8755%
1895	0.341577	2.927596	1.9114%
1894	0.335171	2.983553	1.9486%
1893	0.328764	3.041692	1.9858%
1892	0.322363	3.102094	2.0276%
1891	0.315956	3.164993	2.6465%
1890	0.307810	3.248755	1.5328%
1889	0.303163	3.298553	2.0811%

1888	0.296983	3.367200	2.1599%
1887	0.290704	3.439926	2.2075%
1886	0.284425	3.515864	2.2592%
1885	0.278141	3.595293	2.3095%
1884	0.271863	3.678328	2.3641%
1883	0.265584	3.765289	2.4214%
1882	0.259305	3.856461	2.4815%
1881	0.253026	3.952158	3.7644%
1880	0.243847	4.100933	0.9432%
1879	0.241568	4.139614	2.1464%
1878	0.236492	4.228466	2.1913%
1877	0.231421	4.321124	2.2426%
1876	0.226345	4.418030	2.2941%
1875	0.221269	4.519382	2.3456%
1874	0.216198	4.625389	2.4043%
1873	0.211122	4.736598	2.4635%
1872	0.206046	4.853286	2.5258%
1871	0.200970	4.975869	5.9947%
1870	0.189604	5.274156	-1.0968%
1869	0.191706	5.216310	2.1930%
1868	0.187593	5.330702	2.2394%
1867	0.183484	5.450078	2.2935%
1866	0.179370	5.575076	2.3445%
1865	0.175261	5.705782	2.4037%
1864	0.171147	5.842931	2.4599%
1863	0.167038	5.986661	2.5250%
1862	0.162924	6.137824	2.5872%
1861	0.158815	6.296625	2.9504%
1860	0.154264	6.482401	2.4012%
1859	0.150646	6.638059	2.7627%
1858	0.146596	6.821449	2.8412%
1857	0.142546	7.015260	2.9243%
1856	0.138496	7.220407	3.0161%
1855	0.134441	7.438184	3.1061%
1854	0.130391	7.669219	3.2056%
1853	0.126341	7.915065	3.3118%
1852	0.122291	8.177195	3.4252%
1851	0.118241	8.457283	4.0106%
1850	0.113682	8.796471	2.3254%
1849	0.111099	9.001021	2.7841%
1848	0.108089	9.251617	2.8590%
1847	0.105085	9.516122	2.9432%
1846	0.102080	9.796197	3.0324%
1845	0.099076	10.093257	3.1325%
1844	0.096067	10.409429	3.2284%
1843	0.093062	10.745483	3.3361%
1842	0.090058	11.103958	3.4512%
1841	0.087054	11.487177	3.8105%
1840	0.083858	11.924895	2.3861%
1839	0.081904	12.209429	2.5824%
1838	0.079842	12.524724	2.6573%
1837	0.077775	12.857547	2.7232%
1836	0.075713	13.207684	2.7994%

1835	0.073652	13.577425	2.8871%
1834	0.071585	13.969422	2.9657%
1833	0.069523	14.383711	3.0563%
1832	0.067461	14.823324	3.1604%
1831	0.065395	15.291803	3.4660%
1830	0.063204	15.821812	2.4653%
1829	0.061683	16.211867	2.6804%
1828	0.060073	16.646410	10.3427%
1827	0.054442	18.368090	-4.2314%
1826	0.056848	17.590856	2.9150%
1825	0.055238	18.103636	3.0026%
1824	0.053627	18.647209	3.0955%
1823	0.052017	19.224435	3.1944%
1822	0.050407	19.838539	3.3102%
1821	0.048792	20.495232	3.2277%
1820	0.047266	21.156765	2.6573%
1819	0.046043	21.718959	2.6261%
1818	0.044865	22.289322	2.6969%
1817	0.043686	22.890450	2.7717%
1816	0.042508	23.524901	2.8507%
1815	0.041330	24.195524	2.9343%
1814	0.040152	24.905504	3.0231%
1813	0.038974	25.658410	3.1039%
1812	0.037800	26.454820	3.2172%
1811	0.036622	27.305913	3.0969%
1810	0.035522	28.151554	2.9144%
1809	0.034516	28.971997	2.8225%
1808	0.033569	29.789721	2.9199%
1807	0.032616	30.659560	2.9918%
1806	0.031669	31.576827	3.0841%
1805	0.030721	32.550673	3.1822%
1804	0.029774	33.586499	3.2868%
1803	0.028826	34.690415	3.3985%
1802	0.027879	35.869363	3.5180%
1801	0.026931	37.131264	3.3999%
1800	0.026046	38.393707	2.8419%
1799	0.025326	39.484806	2.7485%
1798	0.024649	40.570029	2.8261%
1797	0.023971	41.716591	3.7832%
1796	0.023097	43.294817	2.1272%
1795	0.022616	44.215783	3.0879%
1794	0.021939	45.581140	3.1625%
1793	0.021266	47.022649	3.2904%
1792	0.020589	48.569889	3.4024%
1791	0.019911	50.222415	3.2296%
1790	0.019288	51.844379	41.3145%
1780	0.013649	73.263600	29.4353%
1770	0.010545	94.828972	83.4728%
1750	0.005748	173.985407	29.2845%
1740	0.004446	224.936080	94.2514%
1720	0.002289	436.941471	85.8111%
1700	0.001232	811.885668	19.2490%
1690	0.001033	968.165941	88.0250%

1670 0.000549 1820.394227

BASE YEAR: 1969

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.490072	0.671109	8.2857%
2001	1.376056	0.726714	1.0000%
2000	1.362432	0.733982	1.0000%
1999	1.348943	0.741321	1.0000%
1998	1.335587	0.748735	1.0000%
1997	1.322363	0.756222	1.0000%
1996	1.309270	0.763784	1.0000%
1995	1.296307	0.771422	0.9992%
1994	1.283482	0.779130	1.0008%
1993	1.270765	0.786928	1.0000%
1992	1.258183	0.794797	0.9295%
1991	1.246596	0.802185	1.2505%
1990	1.231200	0.812216	0.7224%
1989	1.222369	0.818084	1.1077%
1988	1.208977	0.827146	0.8834%
1987	1.198391	0.834452	0.5594%
1986	1.191725	0.839120	1.3056%
1985	1.176366	0.850076	0.7673%
1984	1.167409	0.856598	0.8149%
1983	1.157972	0.863579	0.9737%
1982	1.146805	0.871988	0.9508%
1981	1.136004	0.880279	0.9031%
1980	1.125837	0.888228	2.2701%
1979	1.100847	0.908392	1.0042%
1978	1.089902	0.917514	0.9896%
1977	1.079222	0.926593	0.9103%
1976	1.069486	0.935029	0.8394%
1975	1.060583	0.942878	0.9042%
1974	1.051080	0.951403	1.1568%
1973	1.039060	0.962409	0.9427%
1972	1.029356	0.971481	0.7426%
1971	1.021768	0.978696	1.4697%
1970	1.006968	0.993080	0.6968%
1969	1.000000	1.000000	0.8565%
1968	0.991507	1.008565	1.5090%
1967	0.976768	1.023785	0.9949%
1966	0.967145	1.033971	1.0575%
1965	0.957025	1.044905	1.1300%
1964	0.946331	1.056712	1.5537%
1963	0.931854	1.073130	1.4658%
1962	0.918392	1.088860	1.5364%
1961	0.904495	1.105590	2.1586%
1960	0.885383	1.129455	-1.6655%
1959	0.900378	1.110644	4.3080%
1958	0.863192	1.158491	2.1130%
1957	0.845330	1.182969	1.9895%
1956	0.828841	1.206505	2.1231%

1955	0.811609	1.232120	1.4496%
1954	0.800012	1.249981	2.1573%
1953	0.783119	1.276946	1.2298%
1952	0.773605	1.292649	1.6814%
1951	0.760813	1.314384	1.6233%
1950	0.748660	1.335720	1.4265%
1949	0.738130	1.354774	1.7790%
1948	0.725228	1.378876	1.8242%
1947	0.712236	1.404029	-2.6320%
1946	0.731489	1.367074	3.1768%
1945	0.708967	1.410504	6.4754%
1944	0.665850	1.501840	-0.3437%
1943	0.668146	1.496678	0.6562%
1942	0.663790	1.506500	0.6633%
1941	0.659416	1.516492	-5.6614%
1940	0.698989	1.430637	8.0381%
1939	0.646984	1.545633	0.8126%
1938	0.641769	1.558194	0.7762%
1937	0.636825	1.570289	0.6029%
1936	0.633009	1.579756	0.5244%
1935	0.629707	1.588040	-3.0364%
1934	0.649426	1.539821	4.6271%
1933	0.620705	1.611071	1.3921%
1932	0.612183	1.633499	-0.2051%
1931	0.613441	1.630149	0.8886%
1930	0.608038	1.644634	1.0126%
1929	0.601943	1.661288	1.1526%
1928	0.595084	1.680435	1.2160%
1927	0.587935	1.700870	1.4086%
1926	0.579768	1.724828	1.7667%
1925	0.569703	1.755300	1.4465%
1924	0.561580	1.780691	1.7700%
1923	0.551813	1.812208	1.6165%
1922	0.543035	1.841503	1.3736%
1921	0.535676	1.866799	2.3393%
1920	0.523432	1.910469	1.3140%
1919	0.516643	1.935573	0.7676%
1918	0.512707	1.950431	0.3870%
1917	0.510731	1.957979	1.3274%
1916	0.504040	1.983970	1.4083%
1915	0.497040	2.011910	1.4458%
1914	0.489956	2.040998	1.9424%
1913	0.480621	2.080642	1.9857%
1912	0.471263	2.121957	1.5634%
1911	0.464009	2.155132	1.8169%
1910	0.455729	2.194288	1.8781%
1909	0.447328	2.235499	2.0082%
1908	0.438521	2.280393	1.9603%
1907	0.430090	2.325094	1.8264%
1906	0.422376	2.367559	1.9357%
1905	0.414355	2.413387	2.0148%
1904	0.406172	2.462013	2.1335%
1903	0.397687	2.514540	1.8151%

1902	0.390597	2.560183	1.8943%
1901	0.383335	2.608682	3.0255%
1900	0.372078	2.687607	0.6278%
1899	0.369757	2.704481	1.7757%
1898	0.363306	2.752504	1.8078%
1897	0.356855	2.802262	1.8396%
1896	0.350408	2.853813	1.8755%
1895	0.343957	2.907337	1.9114%
1894	0.337506	2.962907	1.9486%
1893	0.331055	3.020644	1.9858%
1892	0.324609	3.080628	2.0276%
1891	0.318158	3.143091	2.6465%
1890	0.309955	3.226274	1.5328%
1889	0.305276	3.275727	2.0811%
1888	0.299052	3.343899	2.1599%
1887	0.292730	3.416122	2.2075%
1886	0.286407	3.491534	2.2592%
1885	0.280080	3.570414	2.3095%
1884	0.273757	3.652874	2.3641%
1883	0.267435	3.739233	2.4214%
1882	0.261112	3.829774	2.4815%
1881	0.254789	3.924809	3.7644%
1880	0.245546	4.072554	0.9432%
1879	0.243252	4.110968	2.1464%
1878	0.238140	4.199205	2.1913%
1877	0.233034	4.291222	2.2426%
1876	0.227922	4.387457	2.2941%
1875	0.222811	4.488108	2.3456%
1874	0.217705	4.593381	2.4043%
1873	0.212593	4.703820	2.4635%
1872	0.207482	4.819701	2.5258%
1871	0.202370	4.941436	5.9947%
1870	0.190925	5.237659	-1.0968%
1869	0.193042	5.180213	2.1930%
1868	0.188900	5.293814	2.2394%
1867	0.184762	5.412364	2.2935%
1866	0.180620	5.536496	2.3445%
1865	0.176482	5.666298	2.4037%
1864	0.172340	5.802498	2.4599%
1863	0.168202	5.945233	2.5250%
1862	0.164059	6.095351	2.5872%
1861	0.159922	6.253052	2.9504%
1860	0.155339	6.437543	2.4012%
1859	0.151696	6.592124	2.7627%
1858	0.147618	6.774245	2.8412%
1857	0.143540	6.966715	2.9243%
1856	0.139461	7.170442	3.0161%
1855	0.135378	7.386712	3.1061%
1854	0.131300	7.616148	3.2056%
1853	0.127222	7.860293	3.3118%
1852	0.123143	8.120609	3.4252%
1851	0.119065	8.398759	4.0106%
1850	0.114474	8.735600	2.3254%

1849	0.111873	8.938734	2.7841%
1848	0.108842	9.187597	2.8590%
1847	0.105817	9.450271	2.9432%
1846	0.102792	9.728407	3.0324%
1845	0.099766	10.023412	3.1325%
1844	0.096736	10.337396	3.2284%
1843	0.093711	10.671124	3.3361%
1842	0.090686	11.027119	3.4512%
1841	0.087660	11.407686	3.8105%
1840	0.084443	11.842375	2.3861%
1839	0.082475	12.124940	2.5824%
1838	0.080398	12.438053	2.6573%
1837	0.078317	12.768573	2.7232%
1836	0.076241	13.116287	2.7994%
1835	0.074165	13.483470	2.8871%
1834	0.072084	13.872754	2.9657%
1833	0.070008	14.284176	3.0563%
1832	0.067931	14.720747	3.1604%
1831	0.065850	15.185985	3.4660%
1830	0.063644	15.712326	2.4653%
1829	0.062113	16.099682	2.6804%
1828	0.060492	16.531217	10.3427%
1827	0.054822	18.240983	-4.2314%
1826	0.057244	17.469128	2.9150%
1825	0.055622	17.978359	3.0026%
1824	0.054001	18.518171	3.0955%
1823	0.052380	19.091402	3.1944%
1822	0.050758	19.701256	3.3102%
1821	0.049132	20.353406	3.2277%
1820	0.047596	21.010361	2.6573%
1819	0.046364	21.568664	2.6261%
1818	0.045177	22.135080	2.6969%
1817	0.043991	22.732049	2.7717%
1816	0.042804	23.362109	2.8507%
1815	0.041618	24.028091	2.9343%
1814	0.040432	24.733158	3.0231%
1813	0.039245	25.480854	3.1039%
1812	0.038064	26.271753	3.2172%
1811	0.036877	27.116957	3.0969%
1810	0.035770	27.956746	2.9144%
1809	0.034757	28.771512	2.8225%
1808	0.033803	29.583577	2.9199%
1807	0.032844	30.447396	2.9918%
1806	0.031889	31.358317	3.0841%
1805	0.030935	32.325423	3.1822%
1804	0.029981	33.354081	3.2868%
1803	0.029027	34.450358	3.3985%
1802	0.028073	35.621148	3.5180%
1801	0.027119	36.874316	3.3999%
1800	0.026227	38.128024	2.8419%
1799	0.025503	39.211572	2.7485%
1798	0.024820	40.289285	2.8261%
1797	0.024138	41.427913	3.7832%

1796	0.023258	42.995218	2.1272%
1795	0.022774	43.909811	3.0879%
1794	0.022092	45.265719	3.1625%
1793	0.021415	46.697253	3.2904%
1792	0.020732	48.233786	3.4024%
1791	0.020050	49.874877	3.2296%
1790	0.019423	51.485617	41.3145%
1780	0.013744	72.756618	29.4353%
1770	0.010619	94.172757	83.4728%
1750	0.005788	172.781431	29.2845%
1740	0.004477	223.379527	94.2514%
1720	0.002305	433.917846	85.8111%
1700	0.001240	806.267437	19.2490%
1690	0.001040	961.466255	88.0250%
1670	0.000553	1807.797140	

BASE YEAR: 1968

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.502835	0.665409	8.2857%
2001	1.387843	0.720543	1.0000%
2000	1.374102	0.727748	1.0000%
1999	1.360497	0.735026	1.0000%
1998	1.347027	0.742376	1.0000%
1997	1.333690	0.749800	1.0000%
1996	1.320485	0.757298	1.0000%
1995	1.307411	0.764871	0.9992%
1994	1.294476	0.772513	1.0008%
1993	1.281650	0.780245	1.0000%
1992	1.268960	0.788047	0.9295%
1991	1.257273	0.795372	1.2505%
1990	1.241745	0.805318	0.7224%
1989	1.232839	0.811136	1.1077%
1988	1.219332	0.820121	0.8834%
1987	1.208656	0.827366	0.5594%
1986	1.201932	0.831994	1.3056%
1985	1.186442	0.842856	0.7673%
1984	1.177408	0.849323	0.8149%
1983	1.167890	0.856245	0.9737%
1982	1.156628	0.864583	0.9508%
1981	1.145734	0.872803	0.9031%
1980	1.135480	0.880685	2.2701%
1979	1.110276	0.900677	1.0042%
1978	1.099237	0.909722	0.9896%
1977	1.088466	0.918724	0.9103%
1976	1.078647	0.927088	0.8394%
1975	1.069667	0.934870	0.9042%
1974	1.060082	0.943323	1.1568%
1973	1.047960	0.954235	0.9427%
1972	1.038173	0.963231	0.7426%
1971	1.030520	0.970384	1.4697%
1970	1.015593	0.984646	0.6968%

1969	1.008565	0.991507	0.8565%
1968	1.000000	1.000000	1.5090%
1967	0.985134	1.015090	0.9949%
1966	0.975429	1.025190	1.0575%
1965	0.965222	1.036031	1.1300%
1964	0.954437	1.047738	1.5537%
1963	0.939835	1.064016	1.4658%
1962	0.926258	1.079613	1.5364%
1961	0.912242	1.096200	2.1586%
1960	0.892966	1.119863	-1.6655%
1959	0.908090	1.101212	4.3080%
1958	0.870585	1.148652	2.1130%
1957	0.852571	1.172923	1.9895%
1956	0.835940	1.196258	2.1231%
1955	0.818561	1.221656	1.4496%
1954	0.806865	1.239365	2.1573%
1953	0.789826	1.266101	1.2298%
1952	0.780231	1.281671	1.6814%
1951	0.767330	1.303221	1.6233%
1950	0.755073	1.324376	1.4265%
1949	0.744453	1.343268	1.7790%
1948	0.731440	1.367166	1.8242%
1947	0.718337	1.392105	-2.6320%
1946	0.737755	1.355464	3.1768%
1945	0.715039	1.398525	6.4754%
1944	0.671553	1.489085	-0.3437%
1943	0.673869	1.483967	0.6562%
1942	0.669476	1.493706	0.6633%
1941	0.665065	1.503613	-5.6614%
1940	0.704976	1.418487	8.0381%
1939	0.652526	1.532507	0.8126%
1938	0.647266	1.544961	0.7762%
1937	0.642280	1.556953	0.6029%
1936	0.638431	1.566340	0.5244%
1935	0.635101	1.574554	-3.0364%
1934	0.654989	1.526744	4.6271%
1933	0.626022	1.597389	1.3921%
1932	0.617426	1.619626	-0.2051%
1931	0.618695	1.616305	0.8886%
1930	0.613246	1.630667	1.0126%
1929	0.607099	1.647179	1.1526%
1928	0.600181	1.666164	1.2160%
1927	0.592970	1.686425	1.4086%
1926	0.584734	1.710179	1.7667%
1925	0.574583	1.740393	1.4465%
1924	0.566390	1.765568	1.7700%
1923	0.556539	1.796818	1.6165%
1922	0.547686	1.825864	1.3736%
1921	0.540265	1.850945	2.3393%
1920	0.527915	1.894244	1.3140%
1919	0.521068	1.919134	0.7676%
1918	0.517099	1.933867	0.3870%
1917	0.515105	1.941350	1.3274%

1916	0.508357	1.967121	1.4083%
1915	0.501298	1.994823	1.4458%
1914	0.494153	2.023665	1.9424%
1913	0.484738	2.062972	1.9857%
1912	0.475300	2.103936	1.5634%
1911	0.467983	2.136829	1.8169%
1910	0.459632	2.175653	1.8781%
1909	0.451159	2.216513	2.0082%
1908	0.442277	2.261026	1.9603%
1907	0.433774	2.305348	1.8264%
1906	0.425994	2.347452	1.9357%
1905	0.417905	2.392891	2.0148%
1904	0.409651	2.441104	2.1335%
1903	0.401093	2.493185	1.8151%
1902	0.393943	2.538440	1.8943%
1901	0.386619	2.586527	3.0255%
1900	0.375265	2.664783	0.6278%
1899	0.372924	2.681513	1.7757%
1898	0.366417	2.729128	1.8078%
1897	0.359911	2.778463	1.8396%
1896	0.353410	2.829576	1.8755%
1895	0.346904	2.882646	1.9114%
1894	0.340397	2.937744	1.9486%
1893	0.333891	2.994990	1.9858%
1892	0.327390	3.054465	2.0276%
1891	0.320883	3.116398	2.6465%
1890	0.312610	3.198874	1.5328%
1889	0.307891	3.247907	2.0811%
1888	0.301614	3.315500	2.1599%
1887	0.295237	3.387110	2.2075%
1886	0.288860	3.461882	2.2592%
1885	0.282479	3.540091	2.3095%
1884	0.276102	3.621851	2.3641%
1883	0.269725	3.707477	2.4214%
1882	0.263349	3.797249	2.4815%
1881	0.256972	3.891477	3.7644%
1880	0.247649	4.037967	0.9432%
1879	0.245335	4.076055	2.1464%
1878	0.240180	4.163543	2.1913%
1877	0.235030	4.254778	2.2426%
1876	0.229875	4.350196	2.2941%
1875	0.224719	4.449992	2.3456%
1874	0.219569	4.554371	2.4043%
1873	0.214414	4.663872	2.4635%
1872	0.209259	4.778769	2.5258%
1871	0.204104	4.899470	5.9947%
1870	0.192560	5.193177	-1.0968%
1869	0.194696	5.136219	2.1930%
1868	0.190518	5.248855	2.2394%
1867	0.186345	5.366398	2.2935%
1866	0.182167	5.489477	2.3445%
1865	0.177994	5.618176	2.4037%
1864	0.173816	5.753220	2.4599%

1863	0.169643	5.894742	2.5250%
1862	0.165465	6.043585	2.5872%
1861	0.161292	6.199947	2.9504%
1860	0.156669	6.382871	2.4012%
1859	0.152996	6.536139	2.7627%
1858	0.148882	6.716714	2.8412%
1857	0.144769	6.907549	2.9243%
1856	0.140656	7.109546	3.0161%
1855	0.136538	7.323979	3.1061%
1854	0.132425	7.551466	3.2056%
1853	0.128311	7.793538	3.3118%
1852	0.124198	8.051644	3.4252%
1851	0.120085	8.327431	4.0106%
1850	0.115455	8.661411	2.3254%
1849	0.112831	8.862821	2.7841%
1848	0.109775	9.109569	2.8590%
1847	0.106723	9.370013	2.9432%
1846	0.103672	9.645787	3.0324%
1845	0.100621	9.938287	3.1325%
1844	0.097565	10.249604	3.2284%
1843	0.094514	10.580498	3.3361%
1842	0.091462	10.933470	3.4512%
1841	0.088411	11.310805	3.8105%
1840	0.085166	11.741802	2.3861%
1839	0.083181	12.021967	2.5824%
1838	0.081087	12.332421	2.6573%
1837	0.078988	12.660134	2.7232%
1836	0.076894	13.004895	2.7994%
1835	0.074800	13.368960	2.8871%
1834	0.072701	13.754938	2.9657%
1833	0.070607	14.162865	3.0563%
1832	0.068513	14.595728	3.1604%
1831	0.066414	15.057015	3.4660%
1830	0.064189	15.578886	2.4653%
1829	0.062645	15.962953	2.6804%
1828	0.061010	16.390823	10.3427%
1827	0.055291	18.086069	-4.2314%
1826	0.057734	17.320769	2.9150%
1825	0.056099	17.825675	3.0026%
1824	0.054464	18.360903	3.0955%
1823	0.052828	18.929266	3.1944%
1822	0.051193	19.533940	3.3102%
1821	0.049553	20.180551	3.2277%
1820	0.048003	20.831927	2.6573%
1819	0.046761	21.385489	2.6261%
1818	0.045564	21.947095	2.6969%
1817	0.044368	22.538993	2.7717%
1816	0.043171	23.163703	2.8507%
1815	0.041974	23.824029	2.9343%
1814	0.040778	24.523108	3.0231%
1813	0.039581	25.264454	3.1039%
1812	0.038390	26.048636	3.2172%
1811	0.037193	26.886662	3.0969%

1810	0.036076	27.719319	2.9144%
1809	0.035054	28.527165	2.8225%
1808	0.034092	29.332334	2.9199%
1807	0.033125	30.188817	2.9918%
1806	0.032163	31.092001	3.0841%
1805	0.031200	32.050895	3.1822%
1804	0.030238	33.070816	3.2868%
1803	0.029276	34.157783	3.3985%
1802	0.028314	35.318630	3.5180%
1801	0.027351	36.561156	3.3999%
1800	0.026452	37.804216	2.8419%
1799	0.025721	38.878562	2.7485%
1798	0.025033	39.947122	2.8261%
1797	0.024345	41.076080	3.7832%
1796	0.023458	42.630074	2.1272%
1795	0.022969	43.536900	3.0879%
1794	0.022281	44.881293	3.1625%
1793	0.021598	46.300669	3.2904%
1792	0.020910	47.824154	3.4024%
1791	0.020222	49.451307	3.2296%
1790	0.019589	51.048368	41.3145%
1780	0.013862	72.138721	29.4353%
1770	0.010710	93.372981	83.4728%
1750	0.005837	171.314059	29.2845%
1740	0.004515	221.482443	94.2514%
1720	0.002324	430.232733	85.8111%
1700	0.001251	799.420088	19.2490%
1690	0.001049	953.300856	88.0250%
1670	0.000558	1792.444147	

BASE YEAR: 1967

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.525513	0.655517	8.2857%
2001	1.408786	0.709831	1.0000%
2000	1.394837	0.716929	1.0000%
1999	1.381027	0.724099	1.0000%
1998	1.367354	0.731340	1.0000%
1997	1.353816	0.738653	1.0000%
1996	1.340411	0.746040	1.0000%
1995	1.327140	0.753500	0.9992%
1994	1.314010	0.761029	1.0008%
1993	1.300990	0.768645	1.0000%
1992	1.288109	0.776332	0.9295%
1991	1.276246	0.783548	1.2505%
1990	1.260484	0.793346	0.7224%
1989	1.251443	0.799078	1.1077%
1988	1.237733	0.807929	0.8834%
1987	1.226895	0.815066	0.5594%
1986	1.220070	0.819625	1.3056%
1985	1.204346	0.830326	0.7673%
1984	1.195175	0.836697	0.8149%

1983	1.185514	0.843516	0.9737%
1982	1.174082	0.851730	0.9508%
1981	1.163023	0.859828	0.9031%
1980	1.152615	0.867593	2.2701%
1979	1.127030	0.887288	1.0042%
1978	1.115825	0.896198	0.9896%
1977	1.104891	0.905066	0.9103%
1976	1.094924	0.913306	0.8394%
1975	1.085809	0.920972	0.9042%
1974	1.076079	0.929299	1.1568%
1973	1.063774	0.940049	0.9427%
1972	1.053839	0.948911	0.7426%
1971	1.046071	0.955958	1.4697%
1970	1.030919	0.970008	0.6968%
1969	1.023785	0.976768	0.8565%
1968	1.015090	0.985134	1.5090%
1967	1.000000	1.000000	0.9949%
1966	0.990149	1.009949	1.0575%
1965	0.979788	1.020629	1.1300%
1964	0.968840	1.032162	1.5537%
1963	0.954018	1.048198	1.4658%
1962	0.940236	1.063563	1.5364%
1961	0.926008	1.079904	2.1586%
1960	0.906441	1.103215	-1.6655%
1959	0.921794	1.084841	4.3080%
1958	0.883723	1.131576	2.1130%
1957	0.865437	1.155486	1.9895%
1956	0.848555	1.178474	2.1231%
1955	0.830914	1.203495	1.4496%
1954	0.819041	1.220941	2.1573%
1953	0.801745	1.247279	1.2298%
1952	0.792005	1.262618	1.6814%
1951	0.778909	1.283847	1.6233%
1950	0.766467	1.304688	1.4265%
1949	0.755687	1.323299	1.7790%
1948	0.742478	1.346841	1.8242%
1947	0.729177	1.371410	-2.6320%
1946	0.748888	1.335314	3.1768%
1945	0.725829	1.377734	6.4754%
1944	0.681687	1.466948	-0.3437%
1943	0.684038	1.461907	0.6562%
1942	0.679579	1.471500	0.6633%
1941	0.675101	1.481261	-5.6614%
1940	0.715615	1.397400	8.0381%
1939	0.662372	1.509725	0.8126%
1938	0.657033	1.521993	0.7762%
1937	0.651972	1.533807	0.6029%
1936	0.648065	1.543054	0.5244%
1935	0.644685	1.551146	-3.0364%
1934	0.664873	1.504048	4.6271%
1933	0.635469	1.573642	1.3921%
1932	0.626744	1.595549	-0.2051%
1931	0.628032	1.592276	0.8886%

1930	0.622500	1.606425	1.0126%
1929	0.616260	1.622692	1.1526%
1928	0.609238	1.641395	1.2160%
1927	0.601919	1.661354	1.4086%
1926	0.593558	1.684756	1.7667%
1925	0.583254	1.714520	1.4465%
1924	0.574937	1.739321	1.7700%
1923	0.564938	1.770106	1.6165%
1922	0.555951	1.798720	1.3736%
1921	0.548417	1.823428	2.3393%
1920	0.535882	1.866084	1.3140%
1919	0.528931	1.890605	0.7676%
1918	0.524902	1.905118	0.3870%
1917	0.522878	1.912490	1.3274%
1916	0.516029	1.937877	1.4083%
1915	0.508862	1.965168	1.4458%
1914	0.501610	1.993581	1.9424%
1913	0.492052	2.032304	1.9857%
1912	0.482472	2.072658	1.5634%
1911	0.475045	2.105063	1.8169%
1910	0.466568	2.143310	1.8781%
1909	0.457967	2.183562	2.0082%
1908	0.448951	2.227414	1.9603%
1907	0.440320	2.271077	1.8264%
1906	0.432422	2.312554	1.9357%
1905	0.424211	2.357318	2.0148%
1904	0.415833	2.404814	2.1335%
1903	0.407146	2.456121	1.8151%
1902	0.399887	2.500704	1.8943%
1901	0.392453	2.548076	3.0255%
1900	0.380928	2.625168	0.6278%
1899	0.378551	2.641650	1.7757%
1898	0.371947	2.688556	1.8078%
1897	0.365342	2.737159	1.8396%
1896	0.358743	2.787511	1.8755%
1895	0.352138	2.839792	1.9114%
1894	0.345534	2.894072	1.9486%
1893	0.338929	2.950467	1.9858%
1892	0.332330	3.009057	2.0276%
1891	0.325726	3.070070	2.6465%
1890	0.317327	3.151320	1.5328%
1889	0.312537	3.199624	2.0811%
1888	0.306165	3.266212	2.1599%
1887	0.299692	3.336757	2.2075%
1886	0.293219	3.410417	2.2592%
1885	0.286741	3.487464	2.3095%
1884	0.280268	3.568009	2.3641%
1883	0.273795	3.652361	2.4214%
1882	0.267323	3.740799	2.4815%
1881	0.260850	3.833626	3.7644%
1880	0.251386	3.977939	0.9432%
1879	0.249037	4.015460	2.1464%
1878	0.243804	4.101647	2.1913%

1877	0.238577	4.191526	2.2426%
1876	0.233344	4.285526	2.2941%
1875	0.228111	4.383838	2.3456%
1874	0.222883	4.486666	2.4043%
1873	0.217650	4.594539	2.4635%
1872	0.212417	4.707728	2.5258%
1871	0.207184	4.826634	5.9947%
1870	0.195466	5.115975	-1.0968%
1869	0.197634	5.059864	2.1930%
1868	0.193393	5.170825	2.2394%
1867	0.189157	5.286621	2.2935%
1866	0.184916	5.407870	2.3445%
1865	0.180680	5.534656	2.4037%
1864	0.176439	5.667692	2.4599%
1863	0.172203	5.807111	2.5250%
1862	0.167962	5.953741	2.5872%
1861	0.163726	6.107779	2.9504%
1860	0.159034	6.287983	2.4012%
1859	0.155304	6.438973	2.7627%
1858	0.151129	6.616863	2.8412%
1857	0.146954	6.804861	2.9243%
1856	0.142779	7.003855	3.0161%
1855	0.138598	7.215101	3.1061%
1854	0.134423	7.439206	3.2056%
1853	0.130248	7.677679	3.3118%
1852	0.126072	7.931948	3.4252%
1851	0.121897	8.203635	4.0106%
1850	0.117197	8.532650	2.3254%
1849	0.114534	8.731066	2.7841%
1848	0.111431	8.974146	2.8590%
1847	0.108334	9.230718	2.9432%
1846	0.105237	9.502393	3.0324%
1845	0.102139	9.790544	3.1325%
1844	0.099037	10.097233	3.2284%
1843	0.095940	10.423208	3.3361%
1842	0.092842	10.770932	3.4512%
1841	0.089745	11.142658	3.8105%
1840	0.086451	11.567247	2.3861%
1839	0.084436	11.843248	2.5824%
1838	0.082311	12.149087	2.6573%
1837	0.080180	12.471928	2.7232%
1836	0.078054	12.811564	2.7994%
1835	0.075929	13.170216	2.8871%
1834	0.073798	13.550456	2.9657%
1833	0.071673	13.952320	3.0563%
1832	0.069547	14.378748	3.1604%
1831	0.067416	14.833177	3.4660%
1830	0.065158	15.347290	2.4653%
1829	0.063590	15.725647	2.6804%
1828	0.061930	16.147156	10.3427%
1827	0.056126	17.817200	-4.2314%
1826	0.058605	17.063277	2.9150%
1825	0.056945	17.560678	3.0026%

1824	0.055285	18.087949	3.0955%
1823	0.053625	18.647862	3.1944%
1822	0.051965	19.243548	3.3102%
1821	0.050300	19.880546	3.2277%
1820	0.048728	20.522238	2.6573%
1819	0.047466	21.067571	2.6261%
1818	0.046252	21.620828	2.6969%
1817	0.045037	22.203927	2.7717%
1816	0.043822	22.819350	2.8507%
1815	0.042608	23.469860	2.9343%
1814	0.041393	24.158546	3.0231%
1813	0.040179	24.888871	3.1039%
1812	0.038969	25.661396	3.2172%
1811	0.037754	26.486964	3.0969%
1810	0.036620	27.307243	2.9144%
1809	0.035583	28.103079	2.8225%
1808	0.034607	28.896278	2.9199%
1807	0.033625	29.740029	2.9918%
1806	0.032648	30.629786	3.0841%
1805	0.031671	31.574425	3.1822%
1804	0.030694	32.579184	3.2868%
1803	0.029718	33.649991	3.3985%
1802	0.028741	34.793582	3.5180%
1801	0.027764	36.017636	3.3999%
1800	0.026851	37.242216	2.8419%
1799	0.026109	38.300591	2.7485%
1798	0.025411	39.353266	2.8261%
1797	0.024712	40.465441	3.7832%
1796	0.023812	41.996334	2.1272%
1795	0.023316	42.889679	3.0879%
1794	0.022617	44.214086	3.1625%
1793	0.021924	45.612361	3.2904%
1792	0.021225	47.113197	3.4024%
1791	0.020527	48.716161	3.2296%
1790	0.019885	50.289481	41.3145%
1780	0.014071	71.066303	29.4353%
1770	0.010871	91.984894	83.4728%
1750	0.005925	168.767296	29.2845%
1740	0.004583	218.189874	94.2514%
1720	0.002359	423.836873	85.8111%
1700	0.001270	787.535871	19.2490%
1690	0.001065	939.129040	88.0250%
1670	0.000566	1765.797587	

BASE YEAR: 1966

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.540691	0.649060	8.2857%
2001	1.422802	0.702838	1.0000%
2000	1.408715	0.709867	1.0000%
1999	1.394767	0.716966	1.0000%
1998	1.380958	0.724135	1.0000%

1997	1.367285	0.731377	1.0000%
1996	1.353747	0.738690	1.0000%
1995	1.340344	0.746077	0.9992%
1994	1.327083	0.753532	1.0008%
1993	1.313934	0.761073	1.0000%
1992	1.300925	0.768684	0.9295%
1991	1.288944	0.775829	1.2505%
1990	1.273024	0.785531	0.7224%
1989	1.263893	0.791206	1.1077%
1988	1.250047	0.799970	0.8834%
1987	1.239101	0.807037	0.5594%
1986	1.232209	0.811551	1.3056%
1985	1.216328	0.822147	0.7673%
1984	1.207066	0.828455	0.8149%
1983	1.197309	0.835206	0.9737%
1982	1.185763	0.843339	0.9508%
1981	1.174594	0.851358	0.9031%
1980	1.164082	0.859046	2.2701%
1979	1.138243	0.878547	1.0042%
1978	1.126927	0.887369	0.9896%
1977	1.115884	0.896151	0.9103%
1976	1.105817	0.904309	0.8394%
1975	1.096612	0.911900	0.9042%
1974	1.086785	0.920145	1.1568%
1973	1.074357	0.930789	0.9427%
1972	1.064324	0.939564	0.7426%
1971	1.056478	0.946541	1.4697%
1970	1.041176	0.960453	0.6968%
1969	1.033971	0.967145	0.8565%
1968	1.025190	0.975429	1.5090%
1967	1.009949	0.990149	0.9949%
1966	1.000000	1.000000	1.0575%
1965	0.989536	1.010575	1.1300%
1964	0.978479	1.021994	1.5537%
1963	0.963509	1.037873	1.4658%
1962	0.949590	1.053086	1.5364%
1961	0.935221	1.069266	2.1586%
1960	0.915460	1.092347	-1.6655%
1959	0.930965	1.074155	4.3080%
1958	0.892515	1.120429	2.1130%
1957	0.874047	1.144103	1.9895%
1956	0.856997	1.166865	2.1231%
1955	0.839180	1.191639	1.4496%
1954	0.827189	1.208913	2.1573%
1953	0.809722	1.234992	1.2298%
1952	0.799885	1.250180	1.6814%
1951	0.786658	1.271200	1.6233%
1950	0.774093	1.291835	1.4265%
1949	0.763205	1.310263	1.7790%
1948	0.749865	1.333574	1.8242%
1947	0.736431	1.357900	-2.6320%
1946	0.756338	1.322160	3.1768%
1945	0.733051	1.364162	6.4754%

1944	0.688469	1.452497	-0.3437%
1943	0.690844	1.447505	0.6562%
1942	0.686340	1.457004	0.6633%
1941	0.681817	1.466669	-5.6614%
1940	0.722734	1.383634	8.0381%
1939	0.668962	1.494852	0.8126%
1938	0.663570	1.507000	0.7762%
1937	0.658459	1.518698	0.6029%
1936	0.654513	1.527854	0.5244%
1935	0.651099	1.535866	-3.0364%
1934	0.671487	1.489231	4.6271%
1933	0.641791	1.558140	1.3921%
1932	0.632979	1.579831	-0.2051%
1931	0.634280	1.576591	0.8886%
1930	0.628693	1.590600	1.0126%
1929	0.622391	1.606707	1.1526%
1928	0.615299	1.625225	1.2160%
1927	0.607907	1.644988	1.4086%
1926	0.599463	1.668159	1.7667%
1925	0.589056	1.697630	1.4465%
1924	0.580657	1.722187	1.7700%
1923	0.570558	1.752669	1.6165%
1922	0.561482	1.781001	1.3736%
1921	0.553874	1.805466	2.3393%
1920	0.541213	1.847701	1.3140%
1919	0.534194	1.871980	0.7676%
1918	0.530124	1.886350	0.3870%
1917	0.528081	1.893650	1.3274%
1916	0.521163	1.918787	1.4083%
1915	0.513925	1.945809	1.4458%
1914	0.506601	1.973942	1.9424%
1913	0.496948	2.012283	1.9857%
1912	0.487272	2.052241	1.5634%
1911	0.479772	2.084325	1.8169%
1910	0.471210	2.122196	1.8781%
1909	0.462524	2.162052	2.0082%
1908	0.453418	2.205471	1.9603%
1907	0.444701	2.248704	1.8264%
1906	0.436724	2.289773	1.9357%
1905	0.428431	2.334096	2.0148%
1904	0.419970	2.381124	2.1335%
1903	0.411197	2.431926	1.8151%
1902	0.403866	2.476069	1.8943%
1901	0.396358	2.522974	3.0255%
1900	0.384718	2.599307	0.6278%
1899	0.382318	2.615627	1.7757%
1898	0.375647	2.662071	1.8078%
1897	0.368977	2.710195	1.8396%
1896	0.362312	2.760051	1.8755%
1895	0.355642	2.811817	1.9114%
1894	0.348972	2.865562	1.9486%
1893	0.342301	2.921401	1.9858%
1892	0.335636	2.979415	2.0276%

1891	0.328966	3.039826	2.6465%
1890	0.320485	3.120276	1.5328%
1889	0.315646	3.168104	2.0811%
1888	0.309211	3.234036	2.1599%
1887	0.302674	3.303887	2.2075%
1886	0.296137	3.376821	2.2592%
1885	0.289594	3.453109	2.3095%
1884	0.283057	3.532860	2.3641%
1883	0.276519	3.616382	2.4214%
1882	0.269982	3.703948	2.4815%
1881	0.263445	3.795861	3.7644%
1880	0.253888	3.938752	0.9432%
1879	0.251515	3.975903	2.1464%
1878	0.246230	4.061242	2.1913%
1877	0.240950	4.150235	2.2426%
1876	0.235665	4.243309	2.2941%
1875	0.230380	4.340653	2.3456%
1874	0.225100	4.442467	2.4043%
1873	0.219815	4.549278	2.4635%
1872	0.214530	4.661352	2.5258%
1871	0.209245	4.779087	5.9947%
1870	0.197411	5.065577	-1.0968%
1869	0.199600	5.010019	2.1930%
1868	0.195317	5.119887	2.2394%
1867	0.191039	5.234542	2.2935%
1866	0.186755	5.354597	2.3445%
1865	0.182477	5.480134	2.4037%
1864	0.178194	5.611859	2.4599%
1863	0.173916	5.749904	2.5250%
1862	0.169633	5.895090	2.5872%
1861	0.165355	6.047611	2.9504%
1860	0.160616	6.226040	2.4012%
1859	0.156849	6.375542	2.7627%
1858	0.152633	6.551679	2.8412%
1857	0.148416	6.737826	2.9243%
1856	0.144199	6.934859	3.0161%
1855	0.139977	7.144024	3.1061%
1854	0.135760	7.365922	3.2056%
1853	0.131544	7.602046	3.3118%
1852	0.127327	7.853810	3.4252%
1851	0.123110	8.122820	4.0106%
1850	0.118363	8.448595	2.3254%
1849	0.115673	8.645055	2.7841%
1848	0.112540	8.885741	2.8590%
1847	0.109412	9.139786	2.9432%
1846	0.106284	9.408784	3.0324%
1845	0.103156	9.694096	3.1325%
1844	0.100022	9.997764	3.2284%
1843	0.096894	10.320528	3.3361%
1842	0.093766	10.664827	3.4512%
1841	0.090638	11.032891	3.8105%
1840	0.087311	11.453298	2.3861%
1839	0.085276	11.726579	2.5824%

1838	0.083130	12.029405	2.6573%
1837	0.080978	12.349066	2.7232%
1836	0.078831	12.685356	2.7994%
1835	0.076684	13.040475	2.8871%
1834	0.074532	13.416970	2.9657%
1833	0.072386	13.814874	3.0563%
1832	0.070239	14.237102	3.1604%
1831	0.068087	14.687054	3.4660%
1830	0.065806	15.196103	2.4653%
1829	0.064223	15.570732	2.6804%
1828	0.062547	15.988089	10.3427%
1827	0.056684	17.641682	-4.2314%
1826	0.059188	16.895186	2.9150%
1825	0.057512	17.387687	3.0026%
1824	0.055835	17.909763	3.0955%
1823	0.054159	18.464161	3.1944%
1822	0.052482	19.053978	3.3102%
1821	0.050801	19.684702	3.2277%
1820	0.049212	20.320072	2.6573%
1819	0.047939	20.860033	2.6261%
1818	0.046712	21.407840	2.6969%
1817	0.045485	21.985195	2.7717%
1816	0.044258	22.594555	2.8507%
1815	0.043032	23.238657	2.9343%
1814	0.041805	23.920559	3.0231%
1813	0.040578	24.643689	3.1039%
1812	0.039357	25.408604	3.2172%
1811	0.038130	26.226039	3.0969%
1810	0.036985	27.038237	2.9144%
1809	0.035937	27.826234	2.8225%
1808	0.034951	28.611619	2.9199%
1807	0.033959	29.447057	2.9918%
1806	0.032973	30.328050	3.0841%
1805	0.031986	31.263383	3.1822%
1804	0.031000	32.258244	3.2868%
1803	0.030013	33.318503	3.3985%
1802	0.029027	34.450828	3.5180%
1801	0.028040	35.662824	3.3999%
1800	0.027118	36.875341	2.8419%
1799	0.026369	37.923289	2.7485%
1798	0.025664	38.965595	2.8261%
1797	0.024958	40.066813	3.7832%
1796	0.024049	41.582625	2.1272%
1795	0.023548	42.467170	3.0879%
1794	0.022842	43.778530	3.1625%
1793	0.022142	45.163031	3.2904%
1792	0.021437	46.649082	3.4024%
1791	0.020731	48.236255	3.2296%
1790	0.020083	49.794075	41.3145%
1780	0.014211	70.366224	29.4353%
1770	0.010980	91.078744	83.4728%
1750	0.005984	167.104757	29.2845%
1740	0.004629	216.040470	94.2514%

1720	0.002383	419.661626	85.8111%
1700	0.001282	779.777800	19.2490%
1690	0.001075	929.877614	88.0250%
1670	0.000572	1748.402592	

BASE YEAR: 1965

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.556983	0.642268	8.2857%
2001	1.437848	0.695484	1.0000%
2000	1.423612	0.702439	1.0000%
1999	1.409516	0.709463	1.0000%
1998	1.395561	0.716558	1.0000%
1997	1.381743	0.723723	1.0000%
1996	1.368063	0.730961	1.0000%
1995	1.354518	0.738270	0.9992%
1994	1.341117	0.745647	1.0008%
1993	1.327828	0.753109	1.0000%
1992	1.314681	0.760641	0.9295%
1991	1.302574	0.767711	1.2505%
1990	1.286486	0.777311	0.7224%
1989	1.277259	0.782927	1.1077%
1988	1.263266	0.791599	0.8834%
1987	1.252204	0.798592	0.5594%
1986	1.245239	0.803059	1.3056%
1985	1.229190	0.813544	0.7673%
1984	1.219831	0.819786	0.8149%
1983	1.209970	0.826467	0.9737%
1982	1.198302	0.834514	0.9508%
1981	1.187015	0.842449	0.9031%
1980	1.176392	0.850057	2.2701%
1979	1.150280	0.869354	1.0042%
1978	1.138844	0.878084	0.9896%
1977	1.127684	0.886773	0.9103%
1976	1.117511	0.894846	0.8394%
1975	1.108208	0.902358	0.9042%
1974	1.098278	0.910516	1.1568%
1973	1.085718	0.921049	0.9427%
1972	1.075579	0.929732	0.7426%
1971	1.067650	0.936636	1.4697%
1970	1.052186	0.950403	0.6968%
1969	1.044905	0.957025	0.8565%
1968	1.036031	0.965222	1.5090%
1967	1.020629	0.979788	0.9949%
1966	1.010575	0.989536	1.0575%
1965	1.000000	1.000000	1.1300%
1964	0.988826	1.011300	1.5537%
1963	0.973698	1.027012	1.4658%
1962	0.959632	1.042066	1.5364%
1961	0.945111	1.058077	2.1586%
1960	0.925140	1.080917	-1.6655%
1959	0.940809	1.062915	4.3080%

1958	0.901953	1.108705	2.1130%
1957	0.883290	1.132131	1.9895%
1956	0.866059	1.154655	2.1231%
1955	0.848054	1.179170	1.4496%
1954	0.835937	1.196263	2.1573%
1953	0.818284	1.222069	1.2298%
1952	0.808344	1.237098	1.6814%
1951	0.794977	1.257898	1.6233%
1950	0.782278	1.278317	1.4265%
1949	0.771276	1.296553	1.7790%
1948	0.757794	1.319619	1.8242%
1947	0.744219	1.343691	-2.6320%
1946	0.764336	1.308325	3.1768%
1945	0.740803	1.349887	6.4754%
1944	0.695750	1.437298	-0.3437%
1943	0.698149	1.432359	0.6562%
1942	0.693598	1.441758	0.6633%
1941	0.689027	1.451321	-5.6614%
1940	0.730377	1.369156	8.0381%
1939	0.676037	1.479210	0.8126%
1938	0.670587	1.491231	0.7762%
1937	0.665422	1.502806	0.6029%
1936	0.661434	1.511866	0.5244%
1935	0.657984	1.519794	-3.0364%
1934	0.678588	1.473648	4.6271%
1933	0.648578	1.541835	1.3921%
1932	0.639673	1.563299	-0.2051%
1931	0.640987	1.560093	0.8886%
1930	0.635342	1.573956	1.0126%
1929	0.628973	1.589894	1.1526%
1928	0.621806	1.608219	1.2160%
1927	0.614336	1.627775	1.4086%
1926	0.605802	1.650703	1.7667%
1925	0.595286	1.679866	1.4465%
1924	0.586797	1.704166	1.7700%
1923	0.576592	1.734329	1.6165%
1922	0.567420	1.762365	1.3736%
1921	0.559731	1.786573	2.3393%
1920	0.546936	1.828367	1.3140%
1919	0.539843	1.852392	0.7676%
1918	0.535730	1.866611	0.3870%
1917	0.533665	1.873835	1.3274%
1916	0.526674	1.898709	1.4083%
1915	0.519360	1.925448	1.4458%
1914	0.511958	1.953286	1.9424%
1913	0.502203	1.991227	1.9857%
1912	0.492425	2.030766	1.5634%
1911	0.484845	2.062515	1.8169%
1910	0.476193	2.099989	1.8781%
1909	0.467415	2.139428	2.0082%
1908	0.458213	2.182393	1.9603%
1907	0.449403	2.225174	1.8264%
1906	0.441343	2.265813	1.9357%

1905	0.432962	2.309672	2.0148%
1904	0.424411	2.356208	2.1335%
1903	0.415545	2.406478	1.8151%
1902	0.408137	2.450159	1.8943%
1901	0.400549	2.496574	3.0255%
1900	0.388786	2.572108	0.6278%
1899	0.386360	2.588257	1.7757%
1898	0.379620	2.634215	1.8078%
1897	0.372879	2.681835	1.8396%
1896	0.366143	2.731170	1.8755%
1895	0.359403	2.782394	1.9114%
1894	0.352662	2.835577	1.9486%
1893	0.345921	2.890832	1.9858%
1892	0.339186	2.948238	2.0276%
1891	0.332445	3.008017	2.6465%
1890	0.323874	3.087625	1.5328%
1889	0.318984	3.134953	2.0811%
1888	0.312481	3.200195	2.1599%
1887	0.305875	3.269315	2.2075%
1886	0.299268	3.341486	2.2592%
1885	0.292656	3.416976	2.3095%
1884	0.286050	3.495892	2.3641%
1883	0.279444	3.578540	2.4214%
1882	0.272837	3.665190	2.4815%
1881	0.266231	3.756141	3.7644%
1880	0.256572	3.897537	0.9432%
1879	0.254175	3.934299	2.1464%
1878	0.248834	4.018745	2.1913%
1877	0.243498	4.106807	2.2426%
1876	0.238157	4.198907	2.2941%
1875	0.232816	4.295232	2.3456%
1874	0.227481	4.395981	2.4043%
1873	0.222140	4.501674	2.4635%
1872	0.216799	4.612575	2.5258%
1871	0.211458	4.729078	5.9947%
1870	0.199498	5.012571	-1.0968%
1869	0.201711	4.957594	2.1930%
1868	0.197382	5.066313	2.2394%
1867	0.193059	5.179768	2.2935%
1866	0.188730	5.298566	2.3445%
1865	0.184407	5.422789	2.4037%
1864	0.180078	5.553137	2.4599%
1863	0.175755	5.689737	2.5250%
1862	0.171427	5.833404	2.5872%
1861	0.167103	5.984328	2.9504%
1860	0.162314	6.160890	2.4012%
1859	0.158508	6.308828	2.7627%
1858	0.154247	6.483122	2.8412%
1857	0.149985	6.667321	2.9243%
1856	0.145724	6.862293	3.0161%
1855	0.141457	7.069269	3.1061%
1854	0.137196	7.288845	3.2056%
1853	0.132935	7.522498	3.3118%

1852	0.128673	7.771627	3.4252%
1851	0.124412	8.037823	4.0106%
1850	0.119615	8.360188	2.3254%
1849	0.116896	8.554593	2.7841%
1848	0.113730	8.792760	2.8590%
1847	0.110569	9.044147	2.9432%
1846	0.107408	9.310330	3.0324%
1845	0.104246	9.592657	3.1325%
1844	0.101080	9.893147	3.2284%
1843	0.097919	10.212534	3.3361%
1842	0.094758	10.553230	3.4512%
1841	0.091597	10.917442	3.8105%
1840	0.088234	11.333450	2.3861%
1839	0.086178	11.603872	2.5824%
1838	0.084009	11.903529	2.6573%
1837	0.081834	12.219845	2.7232%
1836	0.079665	12.552616	2.7994%
1835	0.077495	12.904019	2.8871%
1834	0.075321	13.276574	2.9657%
1833	0.073151	13.670315	3.0563%
1832	0.070982	14.088124	3.1604%
1831	0.068807	14.533368	3.4660%
1830	0.066502	15.037090	2.4653%
1829	0.064902	15.407799	2.6804%
1828	0.063208	15.820789	10.3427%
1827	0.057283	17.457078	-4.2314%
1826	0.059814	16.718394	2.9150%
1825	0.058120	17.205741	3.0026%
1824	0.056426	17.722354	3.0955%
1823	0.054732	18.270951	3.1944%
1822	0.053037	18.854597	3.3102%
1821	0.051338	19.478720	3.2277%
1820	0.049733	20.107442	2.6573%
1819	0.048445	20.641753	2.6261%
1818	0.047206	21.183828	2.6969%
1817	0.045966	21.755141	2.7717%
1816	0.044726	22.358124	2.8507%
1815	0.043487	22.995486	2.9343%
1814	0.042247	23.670253	3.0231%
1813	0.041007	24.385817	3.1039%
1812	0.039773	25.142727	3.2172%
1811	0.038533	25.951609	3.0969%
1810	0.037376	26.755308	2.9144%
1809	0.036317	27.535059	2.8225%
1808	0.035320	28.312226	2.9199%
1807	0.034318	29.138922	2.9918%
1806	0.033321	30.010696	3.0841%
1805	0.032325	30.936242	3.1822%
1804	0.031328	31.920692	3.2868%
1803	0.030331	32.969857	3.3985%
1802	0.029334	34.090333	3.5180%
1801	0.028337	35.289646	3.3999%
1800	0.027405	36.489476	2.8419%

1799	0.026648	37.526459	2.7485%
1798	0.025935	38.557857	2.8261%
1797	0.025222	39.647553	3.7832%
1796	0.024303	41.147503	2.1272%
1795	0.023797	42.022791	3.0879%
1794	0.023084	43.320430	3.1625%
1793	0.022376	44.690443	3.2904%
1792	0.021663	46.160944	3.4024%
1791	0.020951	47.731509	3.2296%
1790	0.020295	49.273028	41.3145%
1780	0.014362	69.629909	29.4353%
1770	0.011096	90.125692	83.4728%
1750	0.006048	165.356167	29.2845%
1740	0.004678	213.779814	94.2514%
1720	0.002408	415.270270	85.8111%
1700	0.001296	771.618175	19.2490%
1690	0.001087	920.147338	88.0250%
1670	0.000578	1730.107239	

BASE YEAR: 1964

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.574577	0.635091	8.2857%
2001	1.454096	0.687713	1.0000%
2000	1.439699	0.694590	1.0000%
1999	1.425444	0.701536	1.0000%
1998	1.411331	0.708551	1.0000%
1997	1.397357	0.715637	1.0000%
1996	1.383522	0.722793	1.0000%
1995	1.369824	0.730021	0.9992%
1994	1.356272	0.737315	1.0008%
1993	1.342833	0.744694	1.0000%
1992	1.329537	0.752141	0.9295%
1991	1.317293	0.759132	1.2505%
1990	1.301024	0.768626	0.7224%
1989	1.291692	0.774178	1.1077%
1988	1.277541	0.782754	0.8834%
1987	1.266354	0.789668	0.5594%
1986	1.259310	0.794085	1.3056%
1985	1.243080	0.804453	0.7673%
1984	1.233615	0.810626	0.8149%
1983	1.223643	0.817232	0.9737%
1982	1.211843	0.825190	0.9508%
1981	1.200429	0.833036	0.9031%
1980	1.189685	0.840558	2.2701%
1979	1.163278	0.859640	1.0042%
1978	1.151713	0.868272	0.9896%
1977	1.140427	0.876865	0.9103%
1976	1.130139	0.884847	0.8394%
1975	1.120731	0.892275	0.9042%
1974	1.110689	0.900342	1.1568%
1973	1.097987	0.910757	0.9427%

1972	1.087733	0.919343	0.7426%
1971	1.079715	0.926171	1.4697%
1970	1.064076	0.939783	0.6968%
1969	1.056712	0.946331	0.8565%
1968	1.047738	0.954437	1.5090%
1967	1.032162	0.968840	0.9949%
1966	1.021994	0.978479	1.0575%
1965	1.011300	0.988826	1.1300%
1964	1.000000	1.000000	1.5537%
1963	0.984701	1.015537	1.4658%
1962	0.970476	1.030422	1.5364%
1961	0.955791	1.046254	2.1586%
1960	0.935595	1.068839	-1.6655%
1959	0.951441	1.051038	4.3080%
1958	0.912145	1.096316	2.1130%
1957	0.893271	1.119481	1.9895%
1956	0.875846	1.141753	2.1231%
1955	0.857638	1.165994	1.4496%
1954	0.845383	1.182896	2.1573%
1953	0.827531	1.208414	1.2298%
1952	0.817478	1.223275	1.6814%
1951	0.803960	1.243842	1.6233%
1950	0.791118	1.264033	1.4265%
1949	0.779991	1.282065	1.7790%
1948	0.766358	1.304874	1.8242%
1947	0.752628	1.328677	-2.6320%
1946	0.772973	1.293706	3.1768%
1945	0.749174	1.334804	6.4754%
1944	0.703612	1.421238	-0.3437%
1943	0.706038	1.416354	0.6562%
1942	0.701435	1.425648	0.6633%
1941	0.696813	1.435104	-5.6614%
1940	0.738630	1.353857	8.0381%
1939	0.683676	1.462681	0.8126%
1938	0.678165	1.474568	0.7762%
1937	0.672941	1.486014	0.6029%
1936	0.668908	1.494973	0.5244%
1935	0.665419	1.502812	-3.0364%
1934	0.686256	1.457181	4.6271%
1933	0.655907	1.524607	1.3921%
1932	0.646901	1.545831	-0.2051%
1931	0.648231	1.542661	0.8886%
1930	0.642521	1.556369	1.0126%
1929	0.636080	1.572129	1.1526%
1928	0.628832	1.590249	1.2160%
1927	0.621278	1.609586	1.4086%
1926	0.612648	1.632259	1.7667%
1925	0.602012	1.661096	1.4465%
1924	0.593428	1.685123	1.7700%
1923	0.583108	1.714950	1.6165%
1922	0.573831	1.742672	1.3736%
1921	0.566056	1.766610	2.3393%
1920	0.553117	1.807937	1.3140%

1919	0.545943	1.831693	0.7676%
1918	0.541784	1.845754	0.3870%
1917	0.539695	1.852897	1.3274%
1916	0.532625	1.877493	1.4083%
1915	0.525228	1.903933	1.4458%
1914	0.517743	1.931461	1.9424%
1913	0.507878	1.968977	1.9857%
1912	0.497990	2.008074	1.5634%
1911	0.490324	2.039469	1.8169%
1910	0.481574	2.076524	1.8781%
1909	0.472696	2.115523	2.0082%
1908	0.463390	2.158007	1.9603%
1907	0.454481	2.200310	1.8264%
1906	0.446330	2.240495	1.9357%
1905	0.437854	2.283864	2.0148%
1904	0.429207	2.329880	2.1335%
1903	0.420241	2.379589	1.8151%
1902	0.412749	2.422782	1.8943%
1901	0.405075	2.468678	3.0255%
1900	0.393180	2.543367	0.6278%
1899	0.390726	2.559336	1.7757%
1898	0.383909	2.604781	1.8078%
1897	0.377093	2.651869	1.8396%
1896	0.370281	2.700652	1.8755%
1895	0.363464	2.751304	1.9114%
1894	0.356647	2.803892	1.9486%
1893	0.349830	2.858530	1.9858%
1892	0.343018	2.915295	2.0276%
1891	0.336202	2.974406	2.6465%
1890	0.327533	3.053124	1.5328%
1889	0.322589	3.099923	2.0811%
1888	0.316012	3.164436	2.1599%
1887	0.309331	3.232784	2.2075%
1886	0.302650	3.304148	2.2592%
1885	0.295964	3.378795	2.3095%
1884	0.289282	3.456829	2.3641%
1883	0.282601	3.538554	2.4214%
1882	0.275920	3.624236	2.4815%
1881	0.269239	3.714170	3.7644%
1880	0.259472	3.853986	0.9432%
1879	0.257047	3.890338	2.1464%
1878	0.251646	3.973840	2.1913%
1877	0.246250	4.060918	2.2426%
1876	0.240848	4.151989	2.2941%
1875	0.235447	4.247238	2.3456%
1874	0.230051	4.346861	2.4043%
1873	0.224650	4.451373	2.4635%
1872	0.219248	4.561035	2.5258%
1871	0.213847	4.676236	5.9947%
1870	0.207153	4.796561	-1.0968%
1869	0.203990	4.902198	2.1930%
1868	0.199613	5.009702	2.2394%
1867	0.195240	5.121890	2.2935%

1866	0.190863	5.239360	2.3445%
1865	0.186491	5.362196	2.4037%
1864	0.182113	5.491087	2.4599%
1863	0.177741	5.626161	2.5250%
1862	0.173364	5.768222	2.5872%
1861	0.168991	5.917460	2.9504%
1860	0.164148	6.092049	2.4012%
1859	0.160299	6.238334	2.7627%
1858	0.155990	6.410681	2.8412%
1857	0.151680	6.592821	2.9243%
1856	0.147371	6.785614	3.0161%
1855	0.143056	6.990278	3.1061%
1854	0.138746	7.207400	3.2056%
1853	0.134437	7.438442	3.3118%
1852	0.130127	7.684788	3.4252%
1851	0.125818	7.948009	4.0106%
1850	0.120966	8.266772	2.3254%
1849	0.118217	8.459005	2.7841%
1848	0.115015	8.694511	2.8590%
1847	0.111818	8.943088	2.9432%
1846	0.108621	9.206297	3.0324%
1845	0.105424	9.485470	3.1325%
1844	0.102222	9.782603	3.2284%
1843	0.099025	10.098420	3.3361%
1842	0.095828	10.435309	3.4512%
1841	0.092632	10.795452	3.8105%
1840	0.089231	11.206811	2.3861%
1839	0.087152	11.474212	2.5824%
1838	0.084958	11.770521	2.6573%
1837	0.082759	12.083302	2.7232%
1836	0.080565	12.412355	2.7994%
1835	0.078371	12.759831	2.8871%
1834	0.076172	13.128223	2.9657%
1833	0.073978	13.517565	3.0563%
1832	0.071784	13.930705	3.1604%
1831	0.069585	14.370974	3.4660%
1830	0.067254	14.869068	2.4653%
1829	0.065636	15.235635	2.6804%
1828	0.063922	15.644010	10.3427%
1827	0.057931	17.262015	-4.2314%
1826	0.060490	16.531585	2.9150%
1825	0.058777	17.013486	3.0026%
1824	0.057064	17.524327	3.0955%
1823	0.055350	18.066794	3.1944%
1822	0.053637	18.643918	3.3102%
1821	0.051918	19.261068	3.2277%
1820	0.050295	19.882764	2.6573%
1819	0.048993	20.411105	2.6261%
1818	0.047739	20.947122	2.6969%
1817	0.046486	21.512052	2.7717%
1816	0.045232	22.108298	2.8507%
1815	0.043978	22.738538	2.9343%
1814	0.042725	23.405765	3.0231%

1813	0.041471	24.113333	3.1039%
1812	0.040222	24.861786	3.2172%
1811	0.038969	25.661629	3.0969%
1810	0.037798	26.456348	2.9144%
1809	0.036728	27.227386	2.8225%
1808	0.035720	27.995869	2.9199%
1807	0.034706	28.813328	2.9918%
1806	0.033698	29.675360	3.0841%
1805	0.032690	30.590564	3.1822%
1804	0.031682	31.564015	3.2868%
1803	0.030673	32.601456	3.3985%
1802	0.029665	33.709412	3.5180%
1801	0.028657	34.895324	3.3999%
1800	0.027715	36.081747	2.8419%
1799	0.026949	37.107143	2.7485%
1798	0.026228	38.127017	2.8261%
1797	0.025507	39.204536	3.7832%
1796	0.024577	40.687726	2.1272%
1795	0.024066	41.553234	3.0879%
1794	0.023345	42.836373	3.1625%
1793	0.022629	44.191078	3.2904%
1792	0.021908	45.645148	3.4024%
1791	0.021187	47.198163	3.2296%
1790	0.020524	48.722458	41.3145%
1780	0.014524	68.851874	29.4353%
1770	0.011221	89.118640	83.4728%
1750	0.006116	163.508498	29.2845%
1740	0.004731	211.391067	94.2514%
1720	0.002435	410.630094	85.8111%
1700	0.001311	762.996214	19.2490%
1690	0.001099	909.865732	88.0250%
1670	0.000585	1710.775246	

BASE YEAR: 1963

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.599041	0.625375	8.2857%
2001	1.476687	0.677191	1.0000%
2000	1.462067	0.683963	1.0000%
1999	1.447591	0.690803	1.0000%
1998	1.433258	0.697711	1.0000%
1997	1.419067	0.704688	1.0000%
1996	1.405017	0.711735	1.0000%
1995	1.391106	0.718852	0.9992%
1994	1.377343	0.726035	1.0008%
1993	1.363696	0.733301	1.0000%
1992	1.350194	0.740634	0.9295%
1991	1.337759	0.747519	1.2505%
1990	1.321237	0.756866	0.7224%
1989	1.311760	0.762334	1.1077%
1988	1.297389	0.770779	0.8834%
1987	1.286029	0.777587	0.5594%

1986	1.278876	0.781937	1.3056%
1985	1.262393	0.792146	0.7673%
1984	1.252781	0.798224	0.8149%
1983	1.242654	0.804729	0.9737%
1982	1.230670	0.812565	0.9508%
1981	1.219079	0.820291	0.9031%
1980	1.208169	0.827699	2.2701%
1979	1.181351	0.846488	1.0042%
1978	1.169606	0.854988	0.9896%
1977	1.158145	0.863450	0.9103%
1976	1.147697	0.871310	0.8394%
1975	1.138143	0.878624	0.9042%
1974	1.127945	0.886568	1.1568%
1973	1.115046	0.896824	0.9427%
1972	1.104633	0.905278	0.7426%
1971	1.096490	0.912001	1.4697%
1970	1.080608	0.925405	0.6968%
1969	1.073130	0.931854	0.8565%
1968	1.064016	0.939835	1.5090%
1967	1.048198	0.954018	0.9949%
1966	1.037873	0.963509	1.0575%
1965	1.027012	0.973698	1.1300%
1964	1.015537	0.984701	1.5537%
1963	1.000000	1.000000	1.4658%
1962	0.985554	1.014658	1.5364%
1961	0.970640	1.030248	2.1586%
1960	0.950130	1.052487	-1.6655%
1959	0.966223	1.034958	4.3080%
1958	0.926317	1.079544	2.1130%
1957	0.907149	1.102354	1.9895%
1956	0.889454	1.124286	2.1231%
1955	0.870962	1.148155	1.4496%
1954	0.858517	1.164799	2.1573%
1953	0.840388	1.189927	1.2298%
1952	0.830179	1.204560	1.6814%
1951	0.816451	1.224813	1.6233%
1950	0.803410	1.244695	1.4265%
1949	0.792110	1.262451	1.7790%
1948	0.778264	1.284911	1.8242%
1947	0.764322	1.308350	-2.6320%
1946	0.784983	1.273913	3.1768%
1945	0.760813	1.314383	6.4754%
1944	0.714544	1.399495	-0.3437%
1943	0.717008	1.394685	0.6562%
1942	0.712333	1.403837	0.6633%
1941	0.707640	1.413149	-5.6614%
1940	0.750106	1.333145	8.0381%
1939	0.694298	1.440304	0.8126%
1938	0.688701	1.452008	0.7762%
1937	0.683396	1.463280	0.6029%
1936	0.679301	1.472101	0.5244%
1935	0.675757	1.479821	-3.0364%
1934	0.696918	1.434888	4.6271%

1933	0.666097	1.501282	1.3921%
1932	0.656952	1.522182	-0.2051%
1931	0.658302	1.519060	0.8886%
1930	0.652504	1.532558	1.0126%
1929	0.645963	1.548077	1.1526%
1928	0.638602	1.565920	1.2160%
1927	0.630930	1.584962	1.4086%
1926	0.622166	1.607287	1.7667%
1925	0.611366	1.635683	1.4465%
1924	0.602648	1.659343	1.7700%
1923	0.592167	1.688713	1.6165%
1922	0.582747	1.716011	1.3736%
1921	0.574850	1.739583	2.3393%
1920	0.561710	1.780277	1.3140%
1919	0.554425	1.803670	0.7676%
1918	0.550201	1.817516	0.3870%
1917	0.548080	1.824550	1.3274%
1916	0.540900	1.848769	1.4083%
1915	0.533389	1.874805	1.4458%
1914	0.525787	1.901911	1.9424%
1913	0.515769	1.938854	1.9857%
1912	0.505727	1.977353	1.5634%
1911	0.497942	2.008267	1.8169%
1910	0.489056	2.044756	1.8781%
1909	0.480041	2.083157	2.0082%
1908	0.470590	2.124992	1.9603%
1907	0.461543	2.166648	1.8264%
1906	0.453264	2.206218	1.9357%
1905	0.444657	2.248923	2.0148%
1904	0.435875	2.294235	2.1335%
1903	0.426770	2.343184	1.8151%
1902	0.419161	2.385716	1.8943%
1901	0.411369	2.430910	3.0255%
1900	0.399288	2.504457	0.6278%
1899	0.396797	2.520181	1.7757%
1898	0.389874	2.564930	1.8078%
1897	0.382951	2.611298	1.8396%
1896	0.376034	2.659336	1.8755%
1895	0.369111	2.709212	1.9114%
1894	0.362188	2.760996	1.9486%
1893	0.355265	2.814798	1.9858%
1892	0.348348	2.870694	2.0276%
1891	0.341425	2.928901	2.6465%
1890	0.332622	3.006415	1.5328%
1889	0.327601	3.052498	2.0811%
1888	0.320922	3.116024	2.1599%
1887	0.314137	3.183326	2.2075%
1886	0.307352	3.253599	2.2592%
1885	0.300562	3.327103	2.3095%
1884	0.293777	3.403944	2.3641%
1883	0.286992	3.484418	2.4214%
1882	0.280207	3.568789	2.4815%
1881	0.273422	3.657347	3.7644%

1880	0.263503	3.795024	0.9432%
1879	0.261041	3.830820	2.1464%
1878	0.255555	3.913044	2.1913%
1877	0.250076	3.998791	2.2426%
1876	0.244590	4.088468	2.2941%
1875	0.239105	4.182260	2.3456%
1874	0.233625	4.280359	2.4043%
1873	0.228140	4.383272	2.4635%
1872	0.222655	4.491256	2.5258%
1871	0.217170	4.604695	5.9947%
1870	0.204887	4.880731	-1.0968%
1869	0.207159	4.827200	2.1930%
1868	0.202714	4.933059	2.2394%
1867	0.198274	5.043531	2.2935%
1866	0.193828	5.159204	2.3445%
1865	0.189388	5.280160	2.4037%
1864	0.184943	5.407079	2.4599%
1863	0.180503	5.540087	2.5250%
1862	0.176057	5.679975	2.5872%
1861	0.171617	5.826930	2.9504%
1860	0.166699	5.998848	2.4012%
1859	0.162790	6.142894	2.7627%
1858	0.158413	6.312605	2.8412%
1857	0.154037	6.491959	2.9243%
1856	0.149660	6.681802	3.0161%
1855	0.145278	6.883335	3.1061%
1854	0.140902	7.097135	3.2056%
1853	0.136525	7.324643	3.3118%
1852	0.132149	7.567219	3.4252%
1851	0.127772	7.826414	4.0106%
1850	0.122846	8.140300	2.3254%
1849	0.120054	8.329592	2.7841%
1848	0.116802	8.561495	2.8590%
1847	0.113555	8.806269	2.9432%
1846	0.110309	9.065452	3.0324%
1845	0.107062	9.340353	3.1325%
1844	0.103810	9.632940	3.2284%
1843	0.100564	9.943926	3.3361%
1842	0.097317	10.275661	3.4512%
1841	0.094071	10.630294	3.8105%
1840	0.090618	11.035360	2.3861%
1839	0.088506	11.298669	2.5824%
1838	0.086278	11.590445	2.6573%
1837	0.084045	11.898441	2.7232%
1836	0.081817	12.222460	2.7994%
1835	0.079589	12.564620	2.8871%
1834	0.077355	12.927376	2.9657%
1833	0.075127	13.310761	3.0563%
1832	0.072899	13.717581	3.1604%
1831	0.070666	14.151115	3.4660%
1830	0.068299	14.641588	2.4653%
1829	0.066655	15.002547	2.6804%
1828	0.064915	15.404674	10.3427%

1827	0.058831	16.997926	-4.2314%
1826	0.061430	16.278670	2.9150%
1825	0.059690	16.753199	3.0026%
1824	0.057950	17.256225	3.0955%
1823	0.056210	17.790393	3.1944%
1822	0.054470	18.358687	3.3102%
1821	0.052725	18.966395	3.2277%
1820	0.051076	19.578581	2.6573%
1819	0.049754	20.098838	2.6261%
1818	0.048481	20.626655	2.6969%
1817	0.047208	21.182942	2.7717%
1816	0.045935	21.770066	2.8507%
1815	0.044661	22.390664	2.9343%
1814	0.043388	23.047683	3.0231%
1813	0.042115	23.744426	3.1039%
1812	0.040847	24.481429	3.2172%
1811	0.039574	25.269035	3.0969%
1810	0.038385	26.051595	2.9144%
1809	0.037298	26.810838	2.8225%
1808	0.036275	27.567564	2.9199%
1807	0.035245	28.372517	2.9918%
1806	0.034222	29.221361	3.0841%
1805	0.033198	30.122563	3.1822%
1804	0.032174	31.081121	3.2868%
1803	0.031150	32.102691	3.3985%
1802	0.030126	33.193696	3.5180%
1801	0.029102	34.361466	3.3999%
1800	0.028145	35.529737	2.8419%
1799	0.027368	36.539446	2.7485%
1798	0.026636	37.543716	2.8261%
1797	0.025904	38.604751	3.7832%
1796	0.024959	40.065250	2.1272%
1795	0.024439	40.917517	3.0879%
1794	0.023707	42.181025	3.1625%
1793	0.022981	43.515005	3.2904%
1792	0.022249	44.946829	3.4024%
1791	0.021516	46.476085	3.2296%
1790	0.020843	47.977059	41.3145%
1780	0.014750	67.798518	29.4353%
1770	0.011395	87.755226	83.4728%
1750	0.006211	161.007004	29.2845%
1740	0.004804	208.157023	94.2514%
1720	0.002473	404.347919	85.8111%
1700	0.001331	751.323236	19.2490%
1690	0.001116	895.945817	88.0250%
1670	0.000594	1684.602324	

BASE YEAR: 1962

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.622480	0.616341	8.2857%
2001	1.498333	0.667408	1.0000%

2000	1.483498	0.674083	1.0000%
1999	1.468810	0.680823	1.0000%
1998	1.454267	0.687632	1.0000%
1997	1.439868	0.694508	1.0000%
1996	1.425612	0.701453	1.0000%
1995	1.411497	0.708468	0.9992%
1994	1.397533	0.715547	1.0008%
1993	1.383685	0.722708	1.0000%
1992	1.369985	0.729935	0.9295%
1991	1.357368	0.736720	1.2505%
1990	1.340604	0.745932	0.7224%
1989	1.330988	0.751321	1.1077%
1988	1.316407	0.759644	0.8834%
1987	1.304880	0.766354	0.5594%
1986	1.297622	0.770641	1.3056%
1985	1.280898	0.780702	0.7673%
1984	1.271145	0.786693	0.8149%
1983	1.260869	0.793104	0.9737%
1982	1.248710	0.800827	0.9508%
1981	1.236949	0.808441	0.9031%
1980	1.225878	0.815742	2.2701%
1979	1.198668	0.834259	1.0042%
1978	1.186751	0.842637	0.9896%
1977	1.175122	0.850976	0.9103%
1976	1.164521	0.858722	0.8394%
1975	1.154827	0.865931	0.9042%
1974	1.144478	0.873760	1.1568%
1973	1.131391	0.883868	0.9427%
1972	1.120825	0.892200	0.7426%
1971	1.112562	0.898826	1.4697%
1970	1.096447	0.912036	0.6968%
1969	1.088860	0.918392	0.8565%
1968	1.079613	0.926258	1.5090%
1967	1.063563	0.940236	0.9949%
1966	1.053086	0.949590	1.0575%
1965	1.042066	0.959632	1.1300%
1964	1.030422	0.970476	1.5537%
1963	1.014658	0.985554	1.4658%
1962	1.000000	1.000000	1.5364%
1961	0.984868	1.015364	2.1586%
1960	0.964058	1.037282	-1.6655%
1959	0.980386	1.020007	4.3080%
1958	0.939895	1.063948	2.1130%
1957	0.920446	1.086429	1.9895%
1956	0.902491	1.108044	2.1231%
1955	0.883729	1.131569	1.4496%
1954	0.871101	1.147972	2.1573%
1953	0.852706	1.172737	1.2298%
1952	0.842348	1.187158	1.6814%
1951	0.828419	1.207119	1.6233%
1950	0.815186	1.226714	1.4265%
1949	0.803721	1.244213	1.7790%
1948	0.789672	1.266348	1.8242%

1947	0.775525	1.289449	-2.6320%
1946	0.796489	1.255510	3.1768%
1945	0.771965	1.295395	6.4754%
1944	0.725017	1.379277	-0.3437%
1943	0.727518	1.374537	0.6562%
1942	0.722775	1.383557	0.6633%
1941	0.718012	1.392734	-5.6614%
1940	0.761101	1.313885	8.0381%
1939	0.704475	1.419497	0.8126%
1938	0.698796	1.431032	0.7762%
1937	0.693414	1.442141	0.6029%
1936	0.689258	1.450835	0.5244%
1935	0.685663	1.458443	-3.0364%
1934	0.707134	1.414159	4.6271%
1933	0.675861	1.479594	1.3921%
1932	0.666581	1.500192	-0.2051%
1931	0.667951	1.497115	0.8886%
1930	0.662068	1.510418	1.0126%
1929	0.655431	1.525713	1.1526%
1928	0.647963	1.543298	1.2160%
1927	0.640178	1.562064	1.4086%
1926	0.631286	1.584067	1.7667%
1925	0.620327	1.612053	1.4465%
1924	0.611482	1.635371	1.7700%
1923	0.600847	1.664317	1.6165%
1922	0.591289	1.691221	1.3736%
1921	0.583277	1.714452	2.3393%
1920	0.569944	1.754559	1.3140%
1919	0.562552	1.777614	0.7676%
1918	0.558266	1.791260	0.3870%
1917	0.556114	1.798191	1.3274%
1916	0.548829	1.822061	1.4083%
1915	0.541207	1.847721	1.4458%
1914	0.533494	1.874436	1.9424%
1913	0.523329	1.910844	1.9857%
1912	0.513140	1.948787	1.5634%
1911	0.505241	1.979255	1.8169%
1910	0.496225	2.015216	1.8781%
1909	0.487077	2.053063	2.0082%
1908	0.477488	2.094294	1.9603%
1907	0.468308	2.135347	1.8264%
1906	0.459908	2.174346	1.9357%
1905	0.451175	2.216434	2.0148%
1904	0.442264	2.261092	2.1335%
1903	0.433025	2.309333	1.8151%
1902	0.425306	2.351251	1.8943%
1901	0.417399	2.395792	3.0255%
1900	0.405141	2.468276	0.6278%
1899	0.402613	2.483773	1.7757%
1898	0.395589	2.527876	1.8078%
1897	0.388565	2.573574	1.8396%
1896	0.381546	2.620918	1.8755%
1895	0.374521	2.670074	1.9114%

1894	0.367497	2.721109	1.9486%
1893	0.360473	2.774134	1.9858%
1892	0.353454	2.829223	2.0276%
1891	0.346430	2.886589	2.6465%
1890	0.337498	2.962983	1.5328%
1889	0.332403	3.008400	2.0811%
1888	0.325626	3.071009	2.1599%
1887	0.318742	3.137338	2.2075%
1886	0.311857	3.206596	2.2592%
1885	0.304967	3.279038	2.3095%
1884	0.298083	3.354769	2.3641%
1883	0.291199	3.434080	2.4214%
1882	0.284314	3.517233	2.4815%
1881	0.277430	3.604512	3.7644%
1880	0.267365	3.740200	0.9432%
1879	0.264867	3.775479	2.1464%
1878	0.259301	3.856515	2.1913%
1877	0.253741	3.941023	2.2426%
1876	0.248176	4.029404	2.2941%
1875	0.242610	4.121841	2.3456%
1874	0.237050	4.218523	2.4043%
1873	0.231484	4.319950	2.4635%
1872	0.225919	4.426374	2.5258%
1871	0.220353	4.538174	5.9947%
1870	0.207891	4.810222	-1.0968%
1869	0.210196	4.757465	2.1930%
1868	0.205685	4.861794	2.2394%
1867	0.201180	4.970670	2.2935%
1866	0.196670	5.084672	2.3445%
1865	0.192164	5.203881	2.4037%
1864	0.187654	5.328966	2.4599%
1863	0.183148	5.460053	2.5250%
1862	0.178638	5.597919	2.5872%
1861	0.174133	5.742751	2.9504%
1860	0.169142	5.912186	2.4012%
1859	0.165176	6.054152	2.7627%
1858	0.160735	6.221410	2.8412%
1857	0.156295	6.398173	2.9243%
1856	0.151854	6.585274	3.0161%
1855	0.147408	6.783895	3.1061%
1854	0.142967	6.994607	3.2056%
1853	0.138527	7.218828	3.3118%
1852	0.134086	7.457900	3.4252%
1851	0.129645	7.713350	4.0106%
1850	0.124646	8.022702	2.3254%
1849	0.121814	8.209259	2.7841%
1848	0.118514	8.437812	2.8590%
1847	0.115220	8.679050	2.9432%
1846	0.111926	8.934488	3.0324%
1845	0.108632	9.205418	3.1325%
1844	0.105332	9.493778	3.2284%
1843	0.102038	9.800272	3.3361%
1842	0.098744	10.127214	3.4512%

1841	0.095450	10.476724	3.8105%
1840	0.091946	10.875939	2.3861%
1839	0.089803	11.135444	2.5824%
1838	0.087543	11.423005	2.6573%
1837	0.085277	11.726551	2.7232%
1836	0.083016	12.045889	2.7994%
1835	0.080755	12.383107	2.8871%
1834	0.078489	12.740622	2.9657%
1833	0.076228	13.118468	3.0563%
1832	0.073968	13.519411	3.1604%
1831	0.071702	13.946682	3.4660%
1830	0.069300	14.430069	2.4653%
1829	0.067632	14.785814	2.6804%
1828	0.065867	15.182132	10.3427%
1827	0.059693	16.752367	-4.2314%
1826	0.062331	16.043502	2.9150%
1825	0.060565	16.511176	3.0026%
1824	0.058800	17.006934	3.0955%
1823	0.057034	17.533385	3.1944%
1822	0.055269	18.093470	3.3102%
1821	0.053498	18.692399	3.2277%
1820	0.051825	19.295740	2.6573%
1819	0.050483	19.808482	2.6261%
1818	0.049192	20.328674	2.6969%
1817	0.047900	20.876924	2.7717%
1816	0.046608	21.455566	2.8507%
1815	0.045316	22.067199	2.9343%
1814	0.044024	22.714727	3.0231%
1813	0.042732	23.401404	3.1039%
1812	0.041446	24.127760	3.2172%
1811	0.040154	24.903988	3.0969%
1810	0.038948	25.675243	2.9144%
1809	0.037845	26.423517	2.8225%
1808	0.036806	27.169311	2.9199%
1807	0.035762	27.962635	2.9918%
1806	0.034723	28.799217	3.0841%
1805	0.033684	29.687400	3.1822%
1804	0.032645	30.632110	3.2868%
1803	0.031607	31.638922	3.3985%
1802	0.030568	32.714166	3.5180%
1801	0.029529	33.865066	3.3999%
1800	0.028558	35.016460	2.8419%
1799	0.027769	36.011582	2.7485%
1798	0.027026	37.001344	2.8261%
1797	0.026283	38.047051	3.7832%
1796	0.025325	39.486451	2.1272%
1795	0.024798	40.326405	3.0879%
1794	0.024055	41.571660	3.1625%
1793	0.023317	42.886369	3.2904%
1792	0.022575	44.297508	3.4024%
1791	0.021832	45.804672	3.2296%
1790	0.021149	47.283963	41.3145%
1780	0.014966	66.819073	29.4353%

1770	0.011562	86.487477	83.4728%
1750	0.006302	158.681030	29.2845%
1740	0.004874	205.149901	94.2514%
1720	0.002509	398.506542	85.8111%
1700	0.001350	740.469310	19.2490%
1690	0.001132	883.002614	88.0250%
1670	0.000602	1660.265862	

BASE YEAR: 1961

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.647408	0.607014	8.2857%
2001	1.521354	0.657309	1.0000%
2000	1.506291	0.663882	1.0000%
1999	1.491377	0.670521	1.0000%
1998	1.476611	0.677227	1.0000%
1997	1.461991	0.683999	1.0000%
1996	1.447516	0.690839	1.0000%
1995	1.433184	0.697747	0.9992%
1994	1.419005	0.704719	1.0008%
1993	1.404945	0.711772	1.0000%
1992	1.391034	0.718890	0.9295%
1991	1.378224	0.725572	1.2505%
1990	1.361201	0.734645	0.7224%
1989	1.351438	0.739953	1.1077%
1988	1.336633	0.748149	0.8834%
1987	1.324929	0.754758	0.5594%
1986	1.317559	0.758979	1.3056%
1985	1.300578	0.768889	0.7673%
1984	1.290675	0.774788	0.8149%
1983	1.280242	0.781103	0.9737%
1982	1.267895	0.788709	0.9508%
1981	1.255954	0.796208	0.9031%
1980	1.244713	0.803398	2.2701%
1979	1.217085	0.821636	1.0042%
1978	1.204984	0.829886	0.9896%
1977	1.193177	0.838099	0.9103%
1976	1.182413	0.845728	0.8394%
1975	1.172570	0.852828	0.9042%
1974	1.162063	0.860539	1.1568%
1973	1.148774	0.870493	0.9427%
1972	1.138045	0.878700	0.7426%
1971	1.129656	0.885225	1.4697%
1970	1.113294	0.898236	0.6968%
1969	1.105590	0.904495	0.8565%
1968	1.096200	0.912242	1.5090%
1967	1.079904	0.926008	0.9949%
1966	1.069266	0.935221	1.0575%
1965	1.058077	0.945111	1.1300%
1964	1.046254	0.955791	1.5537%
1963	1.030248	0.970640	1.4658%
1962	1.015364	0.984868	1.5364%

1961	1.000000	1.000000	2.1586%
1960	0.978870	1.021586	-1.6655%
1959	0.995449	1.004572	4.3080%
1958	0.954336	1.047849	2.1130%
1957	0.934589	1.069990	1.9895%
1956	0.916358	1.091277	2.1231%
1955	0.897307	1.114446	1.4496%
1954	0.884485	1.130601	2.1573%
1953	0.865808	1.154991	1.2298%
1952	0.855290	1.169194	1.6814%
1951	0.841147	1.188853	1.6233%
1950	0.827711	1.208151	1.4265%
1949	0.816069	1.225386	1.7790%
1948	0.801805	1.247186	1.8242%
1947	0.787441	1.269937	-2.6320%
1946	0.808727	1.236512	3.1768%
1945	0.783826	1.275793	6.4754%
1944	0.736157	1.358406	-0.3437%
1943	0.738696	1.353738	0.6562%
1942	0.733880	1.362621	0.6633%
1941	0.729044	1.371659	-5.6614%
1940	0.772795	1.294004	8.0381%
1939	0.715299	1.398017	0.8126%
1938	0.709533	1.409378	0.7762%
1937	0.704068	1.420318	0.6029%
1936	0.699848	1.428881	0.5244%
1935	0.696198	1.436374	-3.0364%
1934	0.717999	1.392760	4.6271%
1933	0.686245	1.457205	1.3921%
1932	0.676823	1.477491	-0.2051%
1931	0.678214	1.474461	0.8886%
1930	0.672240	1.487563	1.0126%
1929	0.665502	1.502626	1.1526%
1928	0.657919	1.519945	1.2160%
1927	0.650014	1.538428	1.4086%
1926	0.640986	1.560098	1.7667%
1925	0.629858	1.587660	1.4465%
1924	0.620877	1.610625	1.7700%
1923	0.610079	1.639133	1.6165%
1922	0.600374	1.665630	1.3736%
1921	0.592238	1.688510	2.3393%
1920	0.578701	1.728009	1.3140%
1919	0.571195	1.750715	0.7676%
1918	0.566844	1.764154	0.3870%
1917	0.564659	1.770982	1.3274%
1916	0.557261	1.794490	1.4083%
1915	0.549522	1.819762	1.4458%
1914	0.541691	1.846072	1.9424%
1913	0.531369	1.881930	1.9857%
1912	0.521024	1.919299	1.5634%
1911	0.513003	1.949305	1.8169%
1910	0.503849	1.984722	1.8781%
1909	0.494561	2.021997	2.0082%

1908	0.484824	2.062603	1.9603%
1907	0.475503	2.103035	1.8264%
1906	0.466975	2.141444	1.9357%
1905	0.458107	2.182896	2.0148%
1904	0.449059	2.226877	2.1335%
1903	0.439679	2.274388	1.8151%
1902	0.431840	2.315672	1.8943%
1901	0.423812	2.359539	3.0255%
1900	0.411366	2.430927	0.6278%
1899	0.408799	2.446189	1.7757%
1898	0.401667	2.489625	1.8078%
1897	0.394535	2.534631	1.8396%
1896	0.387408	2.581258	1.8755%
1895	0.380276	2.629671	1.9114%
1894	0.373144	2.679934	1.9486%
1893	0.366011	2.732156	1.9858%
1892	0.358885	2.786412	2.0276%
1891	0.351752	2.842910	2.6465%
1890	0.342683	2.918148	1.5328%
1889	0.337510	2.962877	2.0811%
1888	0.330629	3.024539	2.1599%
1887	0.323639	3.089864	2.2075%
1886	0.316649	3.158074	2.2592%
1885	0.309653	3.229420	2.3095%
1884	0.302663	3.304005	2.3641%
1883	0.295673	3.382116	2.4214%
1882	0.288683	3.464011	2.4815%
1881	0.281693	3.549969	3.7644%
1880	0.271473	3.683604	0.9432%
1879	0.268937	3.718349	2.1464%
1878	0.263285	3.798159	2.1913%
1877	0.257640	3.881388	2.2426%
1876	0.251989	3.968432	2.2941%
1875	0.246338	4.059470	2.3456%
1874	0.240692	4.154689	2.4043%
1873	0.235041	4.254581	2.4635%
1872	0.229390	4.359394	2.5258%
1871	0.223739	4.469503	5.9947%
1870	0.211085	4.737435	-1.0968%
1869	0.213426	4.685475	2.1930%
1868	0.208846	4.788227	2.2394%
1867	0.204271	4.895454	2.2935%
1866	0.199691	5.007732	2.3445%
1865	0.195117	5.125137	2.4037%
1864	0.190537	5.248329	2.4599%
1863	0.185962	5.377432	2.5250%
1862	0.181382	5.513213	2.5872%
1861	0.176808	5.655853	2.9504%
1860	0.171741	5.822724	2.4012%
1859	0.167714	5.962541	2.7627%
1858	0.163205	6.127269	2.8412%
1857	0.158696	6.301357	2.9243%
1856	0.154187	6.485627	3.0161%

1855	0.149673	6.681242	3.1061%
1854	0.145164	6.888765	3.2056%
1853	0.140655	7.109594	3.3118%
1852	0.136146	7.345048	3.4252%
1851	0.131637	7.596633	4.0106%
1850	0.126561	7.901304	2.3254%
1849	0.123685	8.085038	2.7841%
1848	0.120335	8.310133	2.8590%
1847	0.116990	8.547720	2.9432%
1846	0.113645	8.799293	3.0324%
1845	0.110301	9.066123	3.1325%
1844	0.106950	9.350120	3.2284%
1843	0.103606	9.651976	3.3361%
1842	0.100261	9.973971	3.4512%
1841	0.096916	10.318192	3.8105%
1840	0.093359	10.711366	2.3861%
1839	0.091183	10.966944	2.5824%
1838	0.088888	11.250154	2.6573%
1837	0.086587	11.549107	2.7232%
1836	0.084291	11.863613	2.7994%
1835	0.081996	12.195728	2.8871%
1834	0.079695	12.547833	2.9657%
1833	0.077400	12.919962	3.0563%
1832	0.075104	13.314838	3.1604%
1831	0.072803	13.735643	3.4660%
1830	0.070364	14.211716	2.4653%
1829	0.068672	14.562077	2.6804%
1828	0.066879	14.952398	10.3427%
1827	0.060610	16.498873	-4.2314%
1826	0.063288	15.800734	2.9150%
1825	0.061496	16.261331	3.0026%
1824	0.059703	16.749588	3.0955%
1823	0.057910	17.268073	3.1944%
1822	0.056118	17.819683	3.3102%
1821	0.054320	18.409548	3.2277%
1820	0.052621	19.003760	2.6573%
1819	0.051259	19.508743	2.6261%
1818	0.049947	20.021064	2.6969%
1817	0.048636	20.561018	2.7717%
1816	0.047324	21.130904	2.8507%
1815	0.046012	21.733282	2.9343%
1814	0.044701	22.371011	3.0231%
1813	0.043389	23.047298	3.1039%
1812	0.042083	23.762662	3.2172%
1811	0.040771	24.527145	3.0969%
1810	0.039546	25.286730	2.9144%
1809	0.038427	26.023681	2.8225%
1808	0.037372	26.758190	2.9199%
1807	0.036311	27.539509	2.9918%
1806	0.035257	28.363432	3.0841%
1805	0.034202	29.238175	3.1822%
1804	0.033147	30.168590	3.2868%
1803	0.032092	31.160167	3.3985%

1802	0.031037	32.219141	3.5180%
1801	0.029983	33.352625	3.3999%
1800	0.028997	34.486596	2.8419%
1799	0.028195	35.466660	2.7485%
1798	0.027441	36.441446	2.8261%
1797	0.026687	37.471329	3.7832%
1796	0.025714	38.888948	2.1272%
1795	0.025179	39.716193	3.0879%
1794	0.024424	40.942605	3.1625%
1793	0.023676	42.237419	3.2904%
1792	0.022921	43.627206	3.4024%
1791	0.022167	45.111563	3.2296%
1790	0.021474	46.568470	41.3145%
1780	0.015196	65.807977	29.4353%
1770	0.011740	85.178763	83.4728%
1750	0.006399	156.279894	29.2845%
1740	0.004949	202.045605	94.2514%
1720	0.002548	392.476405	85.8111%
1700	0.001371	729.264647	19.2490%
1690	0.001150	869.641160	88.0250%
1670	0.000612	1635.142985	

BASE YEAR: 1960

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.682970	0.594188	8.2857%
2001	1.554194	0.643420	1.0000%
2000	1.538806	0.649854	1.0000%
1999	1.523570	0.656353	1.0000%
1998	1.508486	0.662917	1.0000%
1997	1.493550	0.669546	1.0000%
1996	1.478762	0.676241	1.0000%
1995	1.464121	0.683004	0.9992%
1994	1.449636	0.689828	1.0008%
1993	1.435272	0.696732	1.0000%
1992	1.421062	0.703699	0.9295%
1991	1.407974	0.710240	1.2505%
1990	1.390585	0.719122	0.7224%
1989	1.380611	0.724317	1.1077%
1988	1.365486	0.732340	0.8834%
1987	1.353529	0.738809	0.5594%
1986	1.346000	0.742942	1.3056%
1985	1.328653	0.752642	0.7673%
1984	1.318536	0.758417	0.8149%
1983	1.307877	0.764598	0.9737%
1982	1.295265	0.772043	0.9508%
1981	1.283065	0.779384	0.9031%
1980	1.271582	0.786422	2.2701%
1979	1.243357	0.804274	1.0042%
1978	1.230996	0.812351	0.9896%
1977	1.218933	0.820390	0.9103%
1976	1.207937	0.827858	0.8394%

1975	1.197881	0.834807	0.9042%
1974	1.187147	0.842355	1.1568%
1973	1.173572	0.852100	0.9427%
1972	1.162612	0.860132	0.7426%
1971	1.154041	0.866520	1.4697%
1970	1.137326	0.879256	0.6968%
1969	1.129455	0.885383	0.8565%
1968	1.119863	0.892966	1.5090%
1967	1.103215	0.906441	0.9949%
1966	1.092347	0.915460	1.0575%
1965	1.080917	0.925140	1.1300%
1964	1.068839	0.935595	1.5537%
1963	1.052487	0.950130	1.4658%
1962	1.037282	0.964058	1.5364%
1961	1.021586	0.978870	2.1586%
1960	1.000000	1.000000	-1.6655%
1959	1.016937	0.983345	4.3080%
1958	0.974937	1.025708	2.1130%
1957	0.954763	1.047380	1.9895%
1956	0.936139	1.068218	2.1231%
1955	0.916677	1.090897	1.4496%
1954	0.903578	1.106711	2.1573%
1953	0.884497	1.130586	1.2298%
1952	0.873752	1.144489	1.6814%
1951	0.859304	1.163732	1.6233%
1950	0.845578	1.182623	1.4265%
1949	0.833685	1.199493	1.7790%
1948	0.819113	1.220833	1.8242%
1947	0.804439	1.243103	-2.6320%
1946	0.826184	1.210384	3.1768%
1945	0.800746	1.248835	6.4754%
1944	0.752048	1.329703	-0.3437%
1943	0.754641	1.325133	0.6562%
1942	0.749722	1.333829	0.6633%
1941	0.744781	1.342676	-5.6614%
1940	0.789477	1.266661	8.0381%
1939	0.730739	1.368477	0.8126%
1938	0.724849	1.379597	0.7762%
1937	0.719266	1.390307	0.6029%
1936	0.714956	1.398688	0.5244%
1935	0.711226	1.406023	-3.0364%
1934	0.733498	1.363331	4.6271%
1933	0.701059	1.426414	1.3921%
1932	0.691433	1.446271	-0.2051%
1931	0.692854	1.443305	0.8886%
1930	0.686752	1.456130	1.0126%
1929	0.679867	1.470875	1.1526%
1928	0.672121	1.487828	1.2160%
1927	0.664046	1.505920	1.4086%
1926	0.654822	1.527132	1.7667%
1925	0.643454	1.554112	1.4465%
1924	0.634279	1.576592	1.7700%
1923	0.623248	1.604497	1.6165%

1922	0.613333	1.630434	1.3736%
1921	0.605023	1.652831	2.3393%
1920	0.591193	1.691496	1.3140%
1919	0.583525	1.713722	0.7676%
1918	0.579080	1.726877	0.3870%
1917	0.576848	1.733560	1.3274%
1916	0.569291	1.756572	1.4083%
1915	0.561385	1.781310	1.4458%
1914	0.553384	1.807064	1.9424%
1913	0.542840	1.842164	1.9857%
1912	0.532271	1.878743	1.5634%
1911	0.524077	1.908116	1.8169%
1910	0.514725	1.942785	1.8781%
1909	0.505236	1.979271	2.0082%
1908	0.495290	2.019020	1.9603%
1907	0.485768	2.058598	1.8264%
1906	0.477055	2.096195	1.9357%
1905	0.467996	2.136771	2.0148%
1904	0.458753	2.179823	2.1335%
1903	0.449170	2.226330	1.8151%
1902	0.441162	2.266741	1.8943%
1901	0.432960	2.309681	3.0255%
1900	0.420246	2.379561	0.6278%
1899	0.417624	2.394500	1.7757%
1898	0.410337	2.437019	1.8078%
1897	0.403051	2.481074	1.8396%
1896	0.395771	2.526716	1.8755%
1895	0.388485	2.574105	1.9114%
1894	0.381198	2.623306	1.9486%
1893	0.373912	2.674425	1.9858%
1892	0.366632	2.727534	2.0276%
1891	0.359345	2.782838	2.6465%
1890	0.350080	2.856486	1.5328%
1889	0.344795	2.900271	2.0811%
1888	0.337766	2.960629	2.1599%
1887	0.330625	3.024575	2.2075%
1886	0.323484	3.091343	2.2592%
1885	0.316337	3.161182	2.3095%
1884	0.309196	3.234191	2.3641%
1883	0.302055	3.310651	2.4214%
1882	0.294914	3.390815	2.4815%
1881	0.287773	3.474957	3.7644%
1880	0.277333	3.605768	0.9432%
1879	0.274742	3.639779	2.1464%
1878	0.268969	3.717903	2.1913%
1877	0.263201	3.799373	2.2426%
1876	0.257428	3.884578	2.2941%
1875	0.251655	3.973692	2.3456%
1874	0.245888	4.066899	2.4043%
1873	0.240114	4.164680	2.4635%
1872	0.234341	4.267279	2.5258%
1871	0.228568	4.375061	5.9947%
1870	0.215641	4.637332	-1.0968%

1869	0.218033	4.586470	2.1930%
1868	0.213354	4.687050	2.2394%
1867	0.208681	4.792012	2.2935%
1866	0.204002	4.901917	2.3445%
1865	0.199329	5.016841	2.4037%
1864	0.194650	5.137431	2.4599%
1863	0.189977	5.263805	2.5250%
1862	0.185298	5.396717	2.5872%
1861	0.180625	5.536343	2.9504%
1860	0.175448	5.699688	2.4012%
1859	0.171334	5.836551	2.7627%
1858	0.166728	5.997798	2.8412%
1857	0.162122	6.168208	2.9243%
1856	0.157515	6.348584	3.0161%
1855	0.152904	6.540066	3.1061%
1854	0.148297	6.743204	3.2056%
1853	0.143691	6.959366	3.3118%
1852	0.139085	7.189846	3.4252%
1851	0.134479	7.436114	4.0106%
1850	0.129293	7.734347	2.3254%
1849	0.126355	7.914199	2.7841%
1848	0.122933	8.134537	2.8590%
1847	0.119516	8.367105	2.9432%
1846	0.116099	8.613362	3.0324%
1845	0.112682	8.874554	3.1325%
1844	0.109259	9.152550	3.2284%
1843	0.105842	9.448027	3.3361%
1842	0.102425	9.763218	3.4512%
1841	0.099008	10.100166	3.8105%
1840	0.095374	10.485032	2.3861%
1839	0.093151	10.735210	2.5824%
1838	0.090806	11.012435	2.6573%
1837	0.088456	11.305071	2.7232%
1836	0.086111	11.612931	2.7994%
1835	0.083766	11.938029	2.8871%
1834	0.081415	12.282694	2.9657%
1833	0.079070	12.646960	3.0563%
1832	0.076725	13.033492	3.1604%
1831	0.074375	13.445405	3.4660%
1830	0.071883	13.911418	2.4653%
1829	0.070154	14.254377	2.6804%
1828	0.068323	14.636450	10.3427%
1827	0.061919	16.150247	-4.2314%
1826	0.064654	15.466860	2.9150%
1825	0.062823	15.917725	3.0026%
1824	0.060992	16.395665	3.0955%
1823	0.059160	16.903194	3.1944%
1822	0.057329	17.443148	3.3102%
1821	0.055492	18.020550	3.2277%
1820	0.053757	18.602206	2.6573%
1819	0.052366	19.096518	2.6261%
1818	0.051026	19.598013	2.6969%
1817	0.049686	20.126558	2.7717%

1816	0.048346	20.684403	2.8507%
1815	0.047006	21.274052	2.9343%
1814	0.045666	21.898306	3.0231%
1813	0.044326	22.560303	3.1039%
1812	0.042991	23.260551	3.2172%
1811	0.041651	24.008880	3.0969%
1810	0.040400	24.752414	2.9144%
1809	0.039256	25.473793	2.8225%
1808	0.038178	26.192782	2.9199%
1807	0.037095	26.957592	2.9918%
1806	0.036018	27.764105	3.0841%
1805	0.034940	28.620365	3.1822%
1804	0.033863	29.531120	3.2868%
1803	0.032785	30.501744	3.3985%
1802	0.031707	31.538342	3.5180%
1801	0.030630	32.647875	3.3999%
1800	0.029623	33.757885	2.8419%
1799	0.028804	34.717240	2.7485%
1798	0.028034	35.671428	2.8261%
1797	0.027263	36.679550	3.7832%
1796	0.026269	38.067214	2.1272%
1795	0.025722	38.876979	3.0879%
1794	0.024952	40.077476	3.1625%
1793	0.024187	41.344931	3.2904%
1792	0.023416	42.705351	3.4024%
1791	0.022646	44.158344	3.2296%
1790	0.021937	45.584465	41.3145%
1780	0.015524	64.417437	29.4353%
1770	0.011993	83.378913	83.4728%
1750	0.006537	152.977658	29.2845%
1740	0.005056	197.776327	94.2514%
1720	0.002603	384.183273	85.8111%
1700	0.001401	713.855090	19.2490%
1690	0.001175	851.265409	88.0250%
1670	0.000625	1600.591975	

BASE YEAR: 1959

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.654940	0.604252	8.2857%
2001	1.528309	0.654318	1.0000%
2000	1.513178	0.660861	1.0000%
1999	1.498196	0.667470	1.0000%
1998	1.483362	0.674144	1.0000%
1997	1.468675	0.680886	1.0000%
1996	1.454134	0.687695	1.0000%
1995	1.439736	0.694572	0.9992%
1994	1.425493	0.701512	1.0008%
1993	1.411368	0.708532	1.0000%
1992	1.397394	0.715618	0.9295%
1991	1.384525	0.722269	1.2505%
1990	1.367425	0.731302	0.7224%

1989	1.357617	0.736585	1.1077%
1988	1.342744	0.744744	0.8834%
1987	1.330986	0.751323	0.5594%
1986	1.323583	0.755525	1.3056%
1985	1.306524	0.765390	0.7673%
1984	1.296576	0.771262	0.8149%
1983	1.286095	0.777548	0.9737%
1982	1.273692	0.785119	0.9508%
1981	1.261696	0.792584	0.9031%
1980	1.250404	0.799741	2.2701%
1979	1.222649	0.817896	1.0042%
1978	1.210494	0.826109	0.9896%
1977	1.198632	0.834285	0.9103%
1976	1.187819	0.841879	0.8394%
1975	1.177931	0.848946	0.9042%
1974	1.167376	0.856622	1.1568%
1973	1.154026	0.866532	0.9427%
1972	1.143249	0.874700	0.7426%
1971	1.134821	0.881196	1.4697%
1970	1.118384	0.894148	0.6968%
1969	1.110644	0.900378	0.8565%
1968	1.101212	0.908090	1.5090%
1967	1.084841	0.921794	0.9949%
1966	1.074155	0.930965	1.0575%
1965	1.062915	0.940809	1.1300%
1964	1.051038	0.951441	1.5537%
1963	1.034958	0.966223	1.4658%
1962	1.020007	0.980386	1.5364%
1961	1.004572	0.995449	2.1586%
1960	0.983345	1.016937	-1.6655%
1959	1.000000	1.000000	4.3080%
1958	0.958699	1.043080	2.1130%
1957	0.938862	1.065120	1.9895%
1956	0.920547	1.086310	2.1231%
1955	0.901409	1.109374	1.4496%
1954	0.888529	1.125455	2.1573%
1953	0.869766	1.149734	1.2298%
1952	0.859200	1.163873	1.6814%
1951	0.844993	1.183442	1.6233%
1950	0.831495	1.202653	1.4265%
1949	0.819800	1.219809	1.7790%
1948	0.805471	1.241510	1.8242%
1947	0.791041	1.264157	-2.6320%
1946	0.812424	1.230884	3.1768%
1945	0.787410	1.269987	6.4754%
1944	0.739523	1.352224	-0.3437%
1943	0.742073	1.347576	0.6562%
1942	0.737235	1.356419	0.6633%
1941	0.732377	1.365417	-5.6614%
1940	0.776328	1.288115	8.0381%
1939	0.718569	1.391655	0.8126%
1938	0.712777	1.402964	0.7762%
1937	0.707287	1.413854	0.6029%

1936	0.703048	1.422378	0.5244%
1935	0.699381	1.429837	-3.0364%
1934	0.721281	1.386422	4.6271%
1933	0.689383	1.450573	1.3921%
1932	0.679917	1.470767	-0.2051%
1931	0.681315	1.467750	0.8886%
1930	0.675314	1.480793	1.0126%
1929	0.668544	1.495787	1.1526%
1928	0.660927	1.513027	1.2160%
1927	0.652986	1.531426	1.4086%
1926	0.643916	1.552997	1.7667%
1925	0.632738	1.580434	1.4465%
1924	0.623716	1.603295	1.7700%
1923	0.612868	1.631673	1.6165%
1922	0.603118	1.658049	1.3736%
1921	0.594946	1.680825	2.3393%
1920	0.581347	1.720144	1.3140%
1919	0.573807	1.742747	0.7676%
1918	0.569435	1.756125	0.3870%
1917	0.567240	1.762921	1.3274%
1916	0.559809	1.786323	1.4083%
1915	0.552035	1.811480	1.4458%
1914	0.544167	1.837670	1.9424%
1913	0.533799	1.873365	1.9857%
1912	0.523406	1.910563	1.5634%
1911	0.515349	1.940433	1.8169%
1910	0.506152	1.975689	1.8781%
1909	0.496822	2.012794	2.0082%
1908	0.487041	2.053216	1.9603%
1907	0.477677	2.093464	1.8264%
1906	0.469110	2.131698	1.9357%
1905	0.460202	2.172961	2.0148%
1904	0.451112	2.216742	2.1335%
1903	0.441689	2.264037	1.8151%
1902	0.433814	2.305133	1.8943%
1901	0.425749	2.348800	3.0255%
1900	0.413247	2.419863	0.6278%
1899	0.410668	2.435056	1.7757%
1898	0.403503	2.478294	1.8078%
1897	0.396339	2.523096	1.8396%
1896	0.389179	2.569510	1.8755%
1895	0.382014	2.617703	1.9114%
1894	0.374850	2.667737	1.9486%
1893	0.367685	2.719722	1.9858%
1892	0.360525	2.773730	2.0276%
1891	0.353361	2.829971	2.6465%
1890	0.344250	2.904866	1.5328%
1889	0.339053	2.949393	2.0811%
1888	0.332141	3.010773	2.1599%
1887	0.325118	3.075802	2.2075%
1886	0.318096	3.143701	2.2592%
1885	0.311069	3.214723	2.3095%
1884	0.304047	3.288968	2.3641%

1883	0.297025	3.366724	2.4214%
1882	0.290003	3.448245	2.4815%
1881	0.282981	3.533812	3.7644%
1880	0.272714	3.666839	0.9432%
1879	0.270166	3.701426	2.1464%
1878	0.264489	3.780872	2.1913%
1877	0.258818	3.863723	2.2426%
1876	0.253141	3.950371	2.2941%
1875	0.247464	4.040995	2.3456%
1874	0.241792	4.135780	2.4043%
1873	0.236115	4.235217	2.4635%
1872	0.230438	4.339554	2.5258%
1871	0.224761	4.449161	5.9947%
1870	0.212050	4.715874	-1.0968%
1869	0.214401	4.664151	2.1930%
1868	0.209800	4.766434	2.2394%
1867	0.205205	4.873174	2.2935%
1866	0.200604	4.984940	2.3445%
1865	0.196009	5.101811	2.4037%
1864	0.191408	5.224443	2.4599%
1863	0.186813	5.352958	2.5250%
1862	0.182212	5.488121	2.5872%
1861	0.177616	5.630112	2.9504%
1860	0.172526	5.796223	2.4012%
1859	0.168481	5.935404	2.7627%
1858	0.163951	6.099382	2.8412%
1857	0.159422	6.272678	2.9243%
1856	0.154892	6.456109	3.0161%
1855	0.150357	6.650834	3.1061%
1854	0.145828	6.857413	3.2056%
1853	0.141298	7.077236	3.3118%
1852	0.136769	7.311619	3.4252%
1851	0.132239	7.562059	4.0106%
1850	0.127140	7.865343	2.3254%
1849	0.124251	8.048241	2.7841%
1848	0.120885	8.272311	2.8590%
1847	0.117525	8.508818	2.9432%
1846	0.114165	8.759245	3.0324%
1845	0.110805	9.024861	3.1325%
1844	0.107439	9.307566	3.2284%
1843	0.104079	9.608047	3.3361%
1842	0.100719	9.928577	3.4512%
1841	0.097359	10.271232	3.8105%
1840	0.093786	10.662616	2.3861%
1839	0.091600	10.917031	2.5824%
1838	0.089294	11.198952	2.6573%
1837	0.086983	11.496544	2.7232%
1836	0.084677	11.809619	2.7994%
1835	0.082371	12.140222	2.8871%
1834	0.080059	12.490725	2.9657%
1833	0.077753	12.861160	3.0563%
1832	0.075448	13.254239	3.1604%
1831	0.073136	13.673129	3.4660%

1830	0.070686	14.147035	2.4653%
1829	0.068985	14.495802	2.6804%
1828	0.067185	14.884347	10.3427%
1827	0.060887	16.423783	-4.2314%
1826	0.063578	15.728821	2.9150%
1825	0.061777	16.187322	3.0026%
1824	0.059976	16.673357	3.0955%
1823	0.058175	17.189482	3.1944%
1822	0.056374	17.738581	3.3102%
1821	0.054568	18.325762	3.2277%
1820	0.052862	18.917270	2.6573%
1819	0.051493	19.419954	2.6261%
1818	0.050176	19.929943	2.6969%
1817	0.048858	20.467440	2.7717%
1816	0.047540	21.034733	2.8507%
1815	0.046223	21.634369	2.9343%
1814	0.044905	22.269196	3.0231%
1813	0.043587	22.942405	3.1039%
1812	0.042275	23.654513	3.2172%
1811	0.040958	24.415516	3.0969%
1810	0.039727	25.171644	2.9144%
1809	0.038602	25.905241	2.8225%
1808	0.037543	26.636407	2.9199%
1807	0.036477	27.414171	2.9918%
1806	0.035418	28.234344	3.0841%
1805	0.034358	29.105105	3.1822%
1804	0.033299	30.031286	3.2868%
1803	0.032239	31.018350	3.3985%
1802	0.031179	32.072504	3.5180%
1801	0.030120	33.200829	3.3999%
1800	0.029129	34.329640	2.8419%
1799	0.028324	35.305243	2.7485%
1798	0.027567	36.275593	2.8261%
1797	0.026809	37.300788	3.7832%
1796	0.025832	38.711955	2.1272%
1795	0.025294	39.535435	3.0879%
1794	0.024536	40.756265	3.1625%
1793	0.023784	42.045187	3.2904%
1792	0.023026	43.428648	3.4024%
1791	0.022269	44.906250	3.2296%
1790	0.021572	46.356526	41.3145%
1780	0.015265	65.508470	29.4353%
1770	0.011794	84.791094	83.4728%
1750	0.006428	155.568628	29.2845%
1740	0.004972	201.126049	94.2514%
1720	0.002560	390.690154	85.8111%
1700	0.001378	725.945596	19.2490%
1690	0.001155	865.683222	88.0250%
1670	0.000614	1627.701072	

BASE YEAR: 1958

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.726235	0.579296	8.2857%
2001	1.594149	0.627294	1.0000%
2000	1.578365	0.633567	1.0000%
1999	1.562738	0.639903	1.0000%
1998	1.547265	0.646302	1.0000%
1997	1.531946	0.652765	1.0000%
1996	1.516778	0.659292	1.0000%
1995	1.501760	0.665885	0.9992%
1994	1.486903	0.672539	1.0008%
1993	1.472170	0.679270	1.0000%
1992	1.457594	0.686062	0.9295%
1991	1.444170	0.692439	1.2505%
1990	1.426334	0.701098	0.7224%
1989	1.416103	0.706163	1.1077%
1988	1.400589	0.713985	0.8834%
1987	1.388325	0.720292	0.5594%
1986	1.380602	0.724321	1.3056%
1985	1.362809	0.733778	0.7673%
1984	1.352432	0.739409	0.8149%
1983	1.341500	0.745434	0.9737%
1982	1.328563	0.752693	0.9508%
1981	1.316050	0.759850	0.9031%
1980	1.304271	0.766712	2.2701%
1979	1.275321	0.784116	1.0042%
1978	1.262642	0.791990	0.9896%
1977	1.250269	0.799828	0.9103%
1976	1.238990	0.807109	0.8394%
1975	1.228676	0.813884	0.9042%
1974	1.217666	0.821243	1.1568%
1973	1.203741	0.830743	0.9427%
1972	1.192500	0.838575	0.7426%
1971	1.183709	0.844802	1.4697%
1970	1.166564	0.857219	0.6968%
1969	1.158491	0.863192	0.8565%
1968	1.148652	0.870585	1.5090%
1967	1.131576	0.883723	0.9949%
1966	1.120429	0.892515	1.0575%
1965	1.108705	0.901953	1.1300%
1964	1.096316	0.912145	1.5537%
1963	1.079544	0.926317	1.4658%
1962	1.063948	0.939895	1.5364%
1961	1.047849	0.954336	2.1586%
1960	1.025708	0.974937	-1.6655%
1959	1.043080	0.958699	4.3080%
1958	1.000000	1.000000	2.1130%
1957	0.979308	1.021130	1.9895%
1956	0.960204	1.041445	2.1231%
1955	0.940242	1.063556	1.4496%
1954	0.926807	1.078973	2.1573%
1953	0.907236	1.102249	1.2298%
1952	0.896214	1.115804	1.6814%
1951	0.881395	1.134565	1.6233%

1950	0.867316	1.152982	1.4265%
1949	0.855117	1.169430	1.7790%
1948	0.840170	1.190235	1.8242%
1947	0.825119	1.211946	-2.6320%
1946	0.847423	1.180048	3.1768%
1945	0.821331	1.217535	6.4754%
1944	0.771381	1.296376	-0.3437%
1943	0.774041	1.291921	0.6562%
1942	0.768995	1.300398	0.6633%
1941	0.763928	1.309024	-5.6614%
1940	0.809773	1.234915	8.0381%
1939	0.749525	1.334178	0.8126%
1938	0.743483	1.345020	0.7762%
1937	0.737756	1.355461	0.6029%
1936	0.733335	1.363633	0.5244%
1935	0.729510	1.370783	-3.0364%
1934	0.752354	1.329161	4.6271%
1933	0.719081	1.390663	1.3921%
1932	0.709208	1.410023	-0.2051%
1931	0.710666	1.407131	0.8886%
1930	0.704406	1.419635	1.0126%
1929	0.697345	1.434010	1.1526%
1928	0.689399	1.450538	1.2160%
1927	0.681117	1.468177	1.4086%
1926	0.671656	1.488857	1.7667%
1925	0.659996	1.515161	1.4465%
1924	0.650585	1.537078	1.7700%
1923	0.639270	1.564283	1.6165%
1922	0.629101	1.589570	1.3736%
1921	0.620576	1.611405	2.3393%
1920	0.606391	1.649101	1.3140%
1919	0.598526	1.670771	0.7676%
1918	0.593967	1.683596	0.3870%
1917	0.591677	1.690112	1.3274%
1916	0.583926	1.712547	1.4083%
1915	0.575817	1.736664	1.4458%
1914	0.567610	1.761773	1.9424%
1913	0.556795	1.795993	1.9857%
1912	0.545954	1.831656	1.5634%
1911	0.537550	1.860292	1.8169%
1910	0.527957	1.894092	1.8781%
1909	0.518225	1.929664	2.0082%
1908	0.508023	1.968417	1.9603%
1907	0.498255	2.007003	1.8264%
1906	0.489319	2.043658	1.9357%
1905	0.480027	2.083216	2.0148%
1904	0.470546	2.125189	2.1335%
1903	0.460717	2.170531	1.8151%
1902	0.452503	2.209929	1.8943%
1901	0.444091	2.251793	3.0255%
1900	0.431049	2.319921	0.6278%
1899	0.428360	2.334486	1.7757%
1898	0.420886	2.375939	1.8078%

1897	0.413413	2.418890	1.8396%
1896	0.405945	2.463388	1.8755%
1895	0.398472	2.509590	1.9114%
1894	0.390998	2.557558	1.9486%
1893	0.383525	2.607395	1.9858%
1892	0.376057	2.659173	2.0276%
1891	0.368583	2.713091	2.6465%
1890	0.359080	2.784893	1.5328%
1889	0.353659	2.827581	2.0811%
1888	0.346449	2.886426	2.1599%
1887	0.339125	2.948769	2.2075%
1886	0.331800	3.013864	2.2592%
1885	0.324470	3.081952	2.3095%
1884	0.317145	3.153131	2.3641%
1883	0.309820	3.227676	2.4214%
1882	0.302496	3.305830	2.4815%
1881	0.295171	3.387863	3.7644%
1880	0.284463	3.515396	0.9432%
1879	0.281805	3.548554	2.1464%
1878	0.275883	3.624720	2.1913%
1877	0.269968	3.704148	2.2426%
1876	0.264046	3.787218	2.2941%
1875	0.258125	3.874099	2.3456%
1874	0.252209	3.964969	2.4043%
1873	0.246287	4.060300	2.4635%
1872	0.240366	4.160327	2.5258%
1871	0.234444	4.265407	5.9947%
1870	0.221185	4.521105	-1.0968%
1869	0.223638	4.471518	2.1930%
1868	0.218839	4.569577	2.2394%
1867	0.214045	4.671908	2.2935%
1866	0.209246	4.779059	2.3445%
1865	0.204453	4.891102	2.4037%
1864	0.199654	5.008670	2.4599%
1863	0.194860	5.131877	2.5250%
1862	0.190061	5.261457	2.5872%
1861	0.185268	5.397584	2.9504%
1860	0.179959	5.556835	2.4012%
1859	0.175739	5.690268	2.7627%
1858	0.171014	5.847473	2.8412%
1857	0.166289	6.013612	2.9243%
1856	0.161565	6.189467	3.0161%
1855	0.156834	6.376150	3.1061%
1854	0.152110	6.574197	3.2056%
1853	0.147385	6.784941	3.3118%
1852	0.142661	7.009644	3.4252%
1851	0.137936	7.249741	4.0106%
1850	0.132617	7.540499	2.3254%
1849	0.129603	7.715843	2.7841%
1848	0.126093	7.930659	2.8590%
1847	0.122588	8.157397	2.9432%
1846	0.119083	8.397482	3.0324%
1845	0.115579	8.652128	3.1325%

1844	0.112068	8.923157	3.2284%
1843	0.108563	9.211228	3.3361%
1842	0.105058	9.518520	3.4512%
1841	0.101554	9.847023	3.8105%
1840	0.097826	10.222242	2.3861%
1839	0.095546	10.466150	2.5824%
1838	0.093141	10.736427	2.6573%
1837	0.090730	11.021729	2.7232%
1836	0.088325	11.321873	2.7994%
1835	0.085919	11.638822	2.8871%
1834	0.083508	11.974849	2.9657%
1833	0.081103	12.329985	3.0563%
1832	0.078698	12.706829	3.1604%
1831	0.076287	13.108419	3.4660%
1830	0.073731	13.562752	2.4653%
1829	0.071957	13.897115	2.6804%
1828	0.070079	14.269613	10.3427%
1827	0.063510	15.745469	-4.2314%
1826	0.066316	15.079210	2.9150%
1825	0.064438	15.518774	3.0026%
1824	0.062560	15.984735	3.0955%
1823	0.060681	16.479544	3.1944%
1822	0.058803	17.005965	3.3102%
1821	0.056919	17.568895	3.2277%
1820	0.055139	18.135973	2.6573%
1819	0.053712	18.617896	2.6261%
1818	0.052337	19.106822	2.6969%
1817	0.050963	19.622120	2.7717%
1816	0.049588	20.165983	2.8507%
1815	0.048214	20.740854	2.9343%
1814	0.046840	21.349462	3.0231%
1813	0.045465	21.994867	3.1039%
1812	0.044096	22.677565	3.2172%
1811	0.042722	23.407138	3.0969%
1810	0.041439	24.132037	2.9144%
1809	0.040265	24.835336	2.8225%
1808	0.039160	25.536304	2.9199%
1807	0.038049	26.281946	2.9918%
1806	0.036944	27.068245	3.0841%
1805	0.035838	27.903044	3.1822%
1804	0.034733	28.790973	3.2868%
1803	0.033628	29.737270	3.3985%
1802	0.032523	30.747887	3.5180%
1801	0.031417	31.829612	3.3999%
1800	0.030384	32.911802	2.8419%
1799	0.029545	33.847112	2.7485%
1798	0.028754	34.777385	2.8261%
1797	0.027964	35.760240	3.7832%
1796	0.026945	37.113124	2.1272%
1795	0.026383	37.902594	3.0879%
1794	0.025593	39.073003	3.1625%
1793	0.024809	40.308691	3.2904%
1792	0.024018	41.635014	3.4024%

1791	0.023228	43.051590	3.2296%
1790	0.022501	44.441969	41.3145%
1780	0.015923	62.802924	29.4353%
1770	0.012302	81.289163	83.4728%
1750	0.006705	149.143534	29.2845%
1740	0.005186	192.819402	94.2514%
1720	0.002670	374.554376	85.8111%
1700	0.001437	695.963531	19.2490%
1690	0.001205	829.929895	88.0250%
1670	0.000641	1560.475871	

BASE YEAR: 1957

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	1.762709	0.567309	8.2857%
2001	1.627833	0.614314	1.0000%
2000	1.611715	0.620457	1.0000%
1999	1.595758	0.626662	1.0000%
1998	1.579958	0.632928	1.0000%
1997	1.564315	0.639257	1.0000%
1996	1.548827	0.645650	1.0000%
1995	1.533492	0.652106	0.9992%
1994	1.518320	0.658622	1.0008%
1993	1.503276	0.665214	1.0000%
1992	1.488392	0.671866	0.9295%
1991	1.474685	0.678111	1.2505%
1990	1.456471	0.686591	0.7224%
1989	1.446025	0.691551	1.1077%
1988	1.430183	0.699211	0.8834%
1987	1.417660	0.705388	0.5594%
1986	1.409774	0.709334	1.3056%
1985	1.391605	0.718595	0.7673%
1984	1.381009	0.724108	0.8149%
1983	1.369845	0.730010	0.9737%
1982	1.356635	0.737118	0.9508%
1981	1.343857	0.744127	0.9031%
1980	1.331830	0.750846	2.2701%
1979	1.302268	0.767891	1.0042%
1978	1.289321	0.775602	0.9896%
1977	1.276687	0.783278	0.9103%
1976	1.265169	0.790408	0.8394%
1975	1.254637	0.797043	0.9042%
1974	1.243395	0.804250	1.1568%
1973	1.229176	0.813553	0.9427%
1972	1.217697	0.821223	0.7426%
1971	1.208720	0.827321	1.4697%
1970	1.191213	0.839481	0.6968%
1969	1.182969	0.845330	0.8565%
1968	1.172923	0.852571	1.5090%
1967	1.155486	0.865437	0.9949%
1966	1.144103	0.874047	1.0575%
1965	1.132131	0.883290	1.1300%

1964	1.119481	0.893271	1.5537%
1963	1.102354	0.907149	1.4658%
1962	1.086429	0.920446	1.5364%
1961	1.069990	0.934589	2.1586%
1960	1.047380	0.954763	-1.6655%
1959	1.065120	0.938862	4.3080%
1958	1.021130	0.979308	2.1130%
1957	1.000000	1.000000	1.9895%
1956	0.980493	1.019895	2.1231%
1955	0.960109	1.041548	1.4496%
1954	0.946390	1.056647	2.1573%
1953	0.926405	1.079441	1.2298%
1952	0.915151	1.092716	1.6814%
1951	0.900018	1.111088	1.6233%
1950	0.885642	1.129124	1.4265%
1949	0.873186	1.145232	1.7790%
1948	0.857923	1.165606	1.8242%
1947	0.842553	1.186868	-2.6320%
1946	0.865329	1.155630	3.1768%
1945	0.838686	1.192342	6.4754%
1944	0.787680	1.269551	-0.3437%
1943	0.790397	1.265188	0.6562%
1942	0.785244	1.273490	0.6633%
1941	0.780069	1.281937	-5.6614%
1940	0.826883	1.209361	8.0381%
1939	0.765362	1.306571	0.8126%
1938	0.759193	1.317189	0.7762%
1937	0.753345	1.327413	0.6029%
1936	0.748830	1.335416	0.5244%
1935	0.744924	1.342419	-3.0364%
1934	0.768251	1.301658	4.6271%
1933	0.734275	1.361887	1.3921%
1932	0.724194	1.380846	-0.2051%
1931	0.725682	1.378014	0.8886%
1930	0.719290	1.390259	1.0126%
1929	0.712080	1.404337	1.1526%
1928	0.703966	1.420523	1.2160%
1927	0.695509	1.437797	1.4086%
1926	0.685848	1.458049	1.7667%
1925	0.673941	1.483808	1.4465%
1924	0.664332	1.505272	1.7700%
1923	0.652778	1.531915	1.6165%
1922	0.642393	1.556678	1.3736%
1921	0.633689	1.578062	2.3393%
1920	0.619204	1.614977	1.3140%
1919	0.611173	1.636198	0.7676%
1918	0.606517	1.648759	0.3870%
1917	0.604179	1.655139	1.3274%
1916	0.596264	1.677110	1.4083%
1915	0.587983	1.700729	1.4458%
1914	0.579603	1.725318	1.9424%
1913	0.568560	1.758830	1.9857%
1912	0.557490	1.793755	1.5634%

1911	0.548908	1.821798	1.8169%
1910	0.539113	1.854899	1.8781%
1909	0.529175	1.889735	2.0082%
1908	0.518757	1.927685	1.9603%
1907	0.508783	1.965473	1.8264%
1906	0.499658	2.001369	1.9357%
1905	0.490170	2.040109	2.0148%
1904	0.480489	2.081214	2.1335%
1903	0.470452	2.125617	1.8151%
1902	0.462064	2.164201	1.8943%
1901	0.453474	2.205198	3.0255%
1900	0.440157	2.271916	0.6278%
1899	0.437411	2.286180	1.7757%
1898	0.429779	2.326775	1.8078%
1897	0.422148	2.368837	1.8396%
1896	0.414522	2.412414	1.8755%
1895	0.406891	2.457660	1.9114%
1894	0.399260	2.504636	1.9486%
1893	0.391628	2.553442	1.9858%
1892	0.384003	2.604148	2.0276%
1891	0.376371	2.656951	2.6465%
1890	0.366667	2.727267	1.5328%
1889	0.361132	2.769071	2.0811%
1888	0.353770	2.826699	2.1599%
1887	0.346290	2.887752	2.2075%
1886	0.338811	2.951500	2.2592%
1885	0.331326	3.018179	2.3095%
1884	0.323846	3.087885	2.3641%
1883	0.316367	3.160887	2.4214%
1882	0.308888	3.237425	2.4815%
1881	0.301408	3.317760	3.7644%
1880	0.290474	3.442654	0.9432%
1879	0.287759	3.475126	2.1464%
1878	0.281713	3.549716	2.1913%
1877	0.275672	3.627500	2.2426%
1876	0.269625	3.708851	2.2941%
1875	0.263579	3.793934	2.3456%
1874	0.257538	3.882925	2.4043%
1873	0.251491	3.976282	2.4635%
1872	0.245445	4.074240	2.5258%
1871	0.239398	4.177146	5.9947%
1870	0.225858	4.427552	-1.0968%
1869	0.228363	4.378992	2.1930%
1868	0.223463	4.475022	2.2394%
1867	0.218568	4.575235	2.2935%
1866	0.213668	4.680169	2.3445%
1865	0.208773	4.789894	2.4037%
1864	0.203872	4.905028	2.4599%
1863	0.198978	5.025686	2.5250%
1862	0.194077	5.152585	2.5872%
1861	0.189183	5.285895	2.9504%
1860	0.183761	5.441851	2.4012%
1859	0.179452	5.572523	2.7627%

1858	0.174627	5.726475	2.8412%
1857	0.169803	5.889176	2.9243%
1856	0.164979	6.061392	3.0161%
1855	0.160148	6.244212	3.1061%
1854	0.155324	6.438161	3.2056%
1853	0.150499	6.644545	3.3118%
1852	0.145675	6.864598	3.4252%
1851	0.140851	7.099726	4.0106%
1850	0.135419	7.384468	2.3254%
1849	0.132342	7.556184	2.7841%
1848	0.128757	7.766555	2.8590%
1847	0.125178	7.988601	2.9432%
1846	0.121599	8.223718	3.0324%
1845	0.118021	8.473095	3.1325%
1844	0.114436	8.738515	3.2284%
1843	0.110857	9.020626	3.3361%
1842	0.107278	9.321559	3.4512%
1841	0.103699	9.643264	3.8105%
1840	0.099893	10.010719	2.3861%
1839	0.097565	10.249580	2.5824%
1838	0.095109	10.514265	2.6573%
1837	0.092647	10.793663	2.7232%
1836	0.090191	11.087596	2.7994%
1835	0.087735	11.397987	2.8871%
1834	0.085273	11.727061	2.9657%
1833	0.082817	12.074848	3.0563%
1832	0.080361	12.443895	3.1604%
1831	0.077899	12.837174	3.4660%
1830	0.075289	13.282107	2.4653%
1829	0.073478	13.609550	2.6804%
1828	0.071560	13.974340	10.3427%
1827	0.064852	15.419657	-4.2314%
1826	0.067718	14.767185	2.9150%
1825	0.065800	15.197654	3.0026%
1824	0.063882	15.653973	3.0955%
1823	0.061963	16.138543	3.1944%
1822	0.060045	16.654071	3.3102%
1821	0.058121	17.205353	3.2277%
1820	0.056304	17.760697	2.6573%
1819	0.054847	18.232647	2.6261%
1818	0.053443	18.711456	2.6969%
1817	0.052040	19.216092	2.7717%
1816	0.050636	19.748701	2.8507%
1815	0.049233	20.311676	2.9343%
1814	0.047829	20.907690	3.0231%
1813	0.046426	21.539741	3.1039%
1812	0.045028	22.208312	3.2172%
1811	0.043625	22.922788	3.0969%
1810	0.042314	23.632688	2.9144%
1809	0.041116	24.321434	2.8225%
1808	0.039987	25.007897	2.9199%
1807	0.038853	25.738110	2.9918%
1806	0.037724	26.508138	3.0841%

1805	0.036596	27.325663	3.1822%
1804	0.035467	28.195218	3.2868%
1803	0.034338	29.121935	3.3985%
1802	0.033210	30.111639	3.5180%
1801	0.032081	31.170981	3.3999%
1800	0.031026	32.230778	2.8419%
1799	0.030169	33.146734	2.7485%
1798	0.029362	34.057757	2.8261%
1797	0.028555	35.020274	3.7832%
1796	0.027514	36.345165	2.1272%
1795	0.026941	37.118298	3.0879%
1794	0.026134	38.264489	3.1625%
1793	0.025333	39.474608	3.2904%
1792	0.024526	40.773486	3.4024%
1791	0.023719	42.160750	3.2296%
1790	0.022977	43.522358	41.3145%
1780	0.016259	61.503381	29.4353%
1770	0.012562	79.607095	83.4728%
1750	0.006847	146.057397	29.2845%
1740	0.005296	188.829505	94.2514%
1720	0.002726	366.803947	85.8111%
1700	0.001467	681.562375	19.2490%
1690	0.001230	812.756654	88.0250%
1670	0.000654	1528.185880	

BASE YEAR: 1956

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.797778	0.556242	8.2857%
2001	1.660218	0.602330	1.0000%
2000	1.643780	0.608354	1.0000%
1999	1.627505	0.614437	1.0000%
1998	1.611391	0.620582	1.0000%
1997	1.595437	0.626788	1.0000%
1996	1.579641	0.633055	1.0000%
1995	1.564001	0.639386	0.9992%
1994	1.548527	0.645775	1.0008%
1993	1.533184	0.652238	1.0000%
1992	1.518004	0.658760	0.9295%
1991	1.504024	0.664883	1.2505%
1990	1.485448	0.673198	0.7224%
1989	1.474793	0.678061	1.1077%
1988	1.458636	0.685572	0.8834%
1987	1.445864	0.691628	0.5594%
1986	1.437821	0.695497	1.3056%
1985	1.419291	0.704577	0.7673%
1984	1.408484	0.709983	0.8149%
1983	1.397098	0.715769	0.9737%
1982	1.383625	0.722739	0.9508%
1981	1.370593	0.729611	0.9031%
1980	1.358327	0.736200	2.2701%
1979	1.328176	0.752912	1.0042%

1978	1.314972	0.760473	0.9896%
1977	1.302086	0.767998	0.9103%
1976	1.290340	0.774990	0.8394%
1975	1.279598	0.781495	0.9042%
1974	1.268132	0.788561	1.1568%
1973	1.253630	0.797683	0.9427%
1972	1.241923	0.805203	0.7426%
1971	1.232768	0.811183	1.4697%
1970	1.214912	0.823105	0.6968%
1969	1.206505	0.828841	0.8565%
1968	1.196258	0.835940	1.5090%
1967	1.178474	0.848555	0.9949%
1966	1.166865	0.856997	1.0575%
1965	1.154655	0.866059	1.1300%
1964	1.141753	0.875846	1.5537%
1963	1.124286	0.889454	1.4658%
1962	1.108044	0.902491	1.5364%
1961	1.091277	0.916358	2.1586%
1960	1.068218	0.936139	-1.6655%
1959	1.086310	0.920547	4.3080%
1958	1.041445	0.960204	2.1130%
1957	1.019895	0.980493	1.9895%
1956	1.000000	1.000000	2.1231%
1955	0.979210	1.021231	1.4496%
1954	0.965219	1.036035	2.1573%
1953	0.944836	1.058385	1.2298%
1952	0.933358	1.071400	1.6814%
1951	0.917924	1.089415	1.6233%
1950	0.903262	1.107099	1.4265%
1949	0.890558	1.122892	1.7790%
1948	0.874991	1.142869	1.8242%
1947	0.859316	1.163716	-2.6320%
1946	0.882545	1.133087	3.1768%
1945	0.855371	1.169083	6.4754%
1944	0.803351	1.244786	-0.3437%
1943	0.806122	1.240508	0.6562%
1942	0.800866	1.248648	0.6633%
1941	0.795589	1.256931	-5.6614%
1940	0.843334	1.185770	8.0381%
1939	0.780589	1.281084	0.8126%
1938	0.774297	1.291494	0.7762%
1937	0.768333	1.301520	0.6029%
1936	0.763728	1.309366	0.5244%
1935	0.759744	1.316232	-3.0364%
1934	0.783535	1.276267	4.6271%
1933	0.748884	1.335321	1.3921%
1932	0.738601	1.353910	-0.2051%
1931	0.740119	1.351134	0.8886%
1930	0.733600	1.363140	1.0126%
1929	0.726247	1.376943	1.1526%
1928	0.717971	1.392813	1.2160%
1927	0.709346	1.409750	1.4086%
1926	0.699493	1.429607	1.7667%

1925	0.687349	1.454864	1.4465%
1924	0.677549	1.475909	1.7700%
1923	0.665765	1.502032	1.6165%
1922	0.655174	1.526313	1.3736%
1921	0.646296	1.547279	2.3393%
1920	0.631523	1.583474	1.3140%
1919	0.623332	1.604281	0.7676%
1918	0.618584	1.616596	0.3870%
1917	0.616199	1.622852	1.3274%
1916	0.608126	1.644395	1.4083%
1915	0.599681	1.667553	1.4458%
1914	0.591135	1.691662	1.9424%
1913	0.579871	1.724521	1.9857%
1912	0.568581	1.758764	1.5634%
1911	0.559829	1.786261	1.8169%
1910	0.549839	1.818716	1.8781%
1909	0.539703	1.852872	2.0082%
1908	0.529078	1.890082	1.9603%
1907	0.518906	1.927133	1.8264%
1906	0.509599	1.962329	1.9357%
1905	0.499922	2.000313	2.0148%
1904	0.490048	2.040616	2.1335%
1903	0.479811	2.084153	1.8151%
1902	0.471257	2.121984	1.8943%
1901	0.462496	2.162182	3.0255%
1900	0.448914	2.227598	0.6278%
1899	0.446113	2.241584	1.7757%
1898	0.438330	2.281387	1.8078%
1897	0.430547	2.322629	1.8396%
1896	0.422769	2.365356	1.8755%
1895	0.414986	2.409719	1.9114%
1894	0.407203	2.455778	1.9486%
1893	0.399420	2.503632	1.9858%
1892	0.391642	2.553350	2.0276%
1891	0.383859	2.605122	2.6465%
1890	0.373962	2.674067	1.5328%
1889	0.368317	2.715055	2.0811%
1888	0.360808	2.771559	2.1599%
1887	0.353180	2.831421	2.2075%
1886	0.345551	2.893925	2.2592%
1885	0.337917	2.959304	2.3095%
1884	0.330289	3.027650	2.3641%
1883	0.322661	3.099228	2.4214%
1882	0.315033	3.174273	2.4815%
1881	0.307405	3.253041	3.7644%
1880	0.296253	3.375499	0.9432%
1879	0.293484	3.407337	2.1464%
1878	0.287317	3.480472	2.1913%
1877	0.281156	3.556739	2.2426%
1876	0.274989	3.636503	2.2941%
1875	0.268823	3.719927	2.3456%
1874	0.262662	3.807181	2.4043%
1873	0.256495	3.898718	2.4635%

1872	0.250328	3.994764	2.5258%
1871	0.244161	4.095663	5.9947%
1870	0.230352	4.341185	-1.0968%
1869	0.232906	4.293571	2.1930%
1868	0.227908	4.387728	2.2394%
1867	0.222916	4.485987	2.2935%
1866	0.217918	4.588873	2.3445%
1865	0.212926	4.696458	2.4037%
1864	0.207928	4.809347	2.4599%
1863	0.202936	4.927651	2.5250%
1862	0.197938	5.052075	2.5872%
1861	0.192946	5.182784	2.9504%
1860	0.187417	5.335697	2.4012%
1859	0.183022	5.463820	2.7627%
1858	0.178102	5.614770	2.8412%
1857	0.173181	5.774297	2.9243%
1856	0.168261	5.943154	3.0161%
1855	0.163334	6.122407	3.1061%
1854	0.158414	6.312573	3.2056%
1853	0.153494	6.514930	3.3118%
1852	0.148573	6.730691	3.4252%
1851	0.143653	6.961233	4.0106%
1850	0.138114	7.240420	2.3254%
1849	0.134975	7.408787	2.7841%
1848	0.131319	7.615054	2.8590%
1847	0.127669	7.832769	2.9432%
1846	0.124019	8.063300	3.0324%
1845	0.120369	8.307811	3.1325%
1844	0.116713	8.568054	3.2284%
1843	0.113063	8.844662	3.3361%
1842	0.109412	9.139725	3.4512%
1841	0.105762	9.455154	3.8105%
1840	0.101880	9.815442	2.3861%
1839	0.099506	10.049643	2.5824%
1838	0.097001	10.309164	2.6573%
1837	0.094490	10.583112	2.7232%
1836	0.091985	10.871312	2.7994%
1835	0.089480	11.175648	2.8871%
1834	0.086969	11.498303	2.9657%
1833	0.084464	11.839306	3.0563%
1832	0.081959	12.201153	3.1604%
1831	0.079449	12.586762	3.4660%
1830	0.076787	13.023014	2.4653%
1829	0.074940	13.344071	2.6804%
1828	0.072983	13.701745	10.3427%
1827	0.066143	15.118868	-4.2314%
1826	0.069065	14.479123	2.9150%
1825	0.067109	14.901195	3.0026%
1824	0.065152	15.348613	3.0955%
1823	0.063196	15.823731	3.1944%
1822	0.061240	16.329202	3.3102%
1821	0.059278	16.869730	3.2277%
1820	0.057424	17.414241	2.6573%

1819	0.055938	17.876986	2.6261%
1818	0.054506	18.346455	2.6969%
1817	0.053075	18.841246	2.7717%
1816	0.051644	19.363466	2.8507%
1815	0.050212	19.915459	2.9343%
1814	0.048781	20.499847	3.0231%
1813	0.047349	21.119568	3.1039%
1812	0.045924	21.775097	3.2172%
1811	0.044493	22.475637	3.0969%
1810	0.043156	23.171688	2.9144%
1809	0.041934	23.846999	2.8225%
1808	0.040783	24.520072	2.9199%
1807	0.039626	25.236040	2.9918%
1806	0.038475	25.991048	3.0841%
1805	0.037324	26.792625	3.1822%
1804	0.036173	27.645218	3.2868%
1803	0.035022	28.553857	3.3985%
1802	0.033870	29.524256	3.5180%
1801	0.032719	30.562933	3.3999%
1800	0.031644	31.602056	2.8419%
1799	0.030769	32.500145	2.7485%
1798	0.029946	33.393398	2.8261%
1797	0.029123	34.337139	3.7832%
1796	0.028061	35.636185	2.1272%
1795	0.027477	36.394237	3.0879%
1794	0.026654	37.518069	3.1625%
1793	0.025837	38.704582	3.2904%
1792	0.025014	39.978124	3.4024%
1791	0.024191	41.338326	3.2296%
1790	0.023434	42.673373	41.3145%
1780	0.016583	60.303643	29.4353%
1770	0.012812	78.054211	83.4728%
1750	0.006983	143.208276	29.2845%
1740	0.005401	185.146036	94.2514%
1720	0.002780	359.648756	85.8111%
1700	0.001496	668.267238	19.2490%
1690	0.001255	796.902329	88.0250%
1670	0.000667	1498.375782	

BASE YEAR: 1955

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.835947	0.544678	8.2857%
2001	1.695466	0.589808	1.0000%
2000	1.678679	0.595706	1.0000%
1999	1.662059	0.601663	1.0000%
1998	1.645603	0.607680	1.0000%
1997	1.629310	0.613757	1.0000%
1996	1.613178	0.619894	1.0000%
1995	1.597206	0.626093	0.9992%
1994	1.581404	0.632349	1.0008%
1993	1.565735	0.638678	1.0000%

1992	1.550232	0.645065	0.9295%
1991	1.535955	0.651061	1.2505%
1990	1.516985	0.659202	0.7224%
1989	1.506104	0.663965	1.1077%
1988	1.489605	0.671319	0.8834%
1987	1.476561	0.677249	0.5594%
1986	1.468348	0.681038	1.3056%
1985	1.449424	0.689929	0.7673%
1984	1.438387	0.695223	0.8149%
1983	1.426760	0.700889	0.9737%
1982	1.413001	0.707714	0.9508%
1981	1.399692	0.714443	0.9031%
1980	1.387165	0.720895	2.2701%
1979	1.356375	0.737259	1.0042%
1978	1.342890	0.744663	0.9896%
1977	1.329731	0.752032	0.9103%
1976	1.317735	0.758878	0.8394%
1975	1.306765	0.765248	0.9042%
1974	1.295056	0.772167	1.1568%
1973	1.280246	0.781100	0.9427%
1972	1.268290	0.788463	0.7426%
1971	1.258941	0.794319	1.4697%
1970	1.240705	0.805993	0.6968%
1969	1.232120	0.811609	0.8565%
1968	1.221656	0.818561	1.5090%
1967	1.203495	0.830914	0.9949%
1966	1.191639	0.839180	1.0575%
1965	1.179170	0.848054	1.1300%
1964	1.165994	0.857638	1.5537%
1963	1.148155	0.870962	1.4658%
1962	1.131569	0.883729	1.5364%
1961	1.114446	0.897307	2.1586%
1960	1.090897	0.916677	-1.6655%
1959	1.109374	0.901409	4.3080%
1958	1.063556	0.940242	2.1130%
1957	1.041548	0.960109	1.9895%
1956	1.021231	0.979210	2.1231%
1955	1.000000	1.000000	1.4496%
1954	0.985711	1.014496	2.1573%
1953	0.964896	1.036381	1.2298%
1952	0.953174	1.049126	1.6814%
1951	0.937413	1.066766	1.6233%
1950	0.922439	1.084083	1.4265%
1949	0.909465	1.099547	1.7790%
1948	0.893568	1.119109	1.8242%
1947	0.877560	1.139523	-2.6320%
1946	0.901282	1.109531	3.1768%
1945	0.873532	1.144778	6.4754%
1944	0.820407	1.218907	-0.3437%
1943	0.823236	1.214718	0.6562%
1942	0.817869	1.222689	0.6633%
1941	0.812480	1.230800	-5.6614%
1940	0.861238	1.161119	8.0381%

1939	0.797162	1.254451	0.8126%
1938	0.790736	1.264645	0.7762%
1937	0.784645	1.274461	0.6029%
1936	0.779943	1.282145	0.5244%
1935	0.775874	1.288868	-3.0364%
1934	0.800171	1.249734	4.6271%
1933	0.764783	1.307560	1.3921%
1932	0.754283	1.325763	-0.2051%
1931	0.755833	1.323044	0.8886%
1930	0.749176	1.334801	1.0126%
1929	0.741666	1.348317	1.1526%
1928	0.733215	1.363857	1.2160%
1927	0.724406	1.380442	1.4086%
1926	0.714344	1.399886	1.7667%
1925	0.701943	1.424618	1.4465%
1924	0.691934	1.445225	1.7700%
1923	0.679900	1.470805	1.6165%
1922	0.669084	1.494581	1.3736%
1921	0.660017	1.515111	2.3393%
1920	0.644931	1.550555	1.3140%
1919	0.636566	1.570929	0.7676%
1918	0.631717	1.582988	0.3870%
1917	0.629281	1.589114	1.3274%
1916	0.621038	1.610209	1.4083%
1915	0.612413	1.632885	1.4458%
1914	0.603685	1.656493	1.9424%
1913	0.592182	1.688669	1.9857%
1912	0.580653	1.722200	1.5634%
1911	0.571714	1.749125	1.8169%
1910	0.561512	1.780905	1.8781%
1909	0.551161	1.814352	2.0082%
1908	0.540310	1.850788	1.9603%
1907	0.529922	1.887068	1.8264%
1906	0.520418	1.921533	1.9357%
1905	0.510536	1.958728	2.0148%
1904	0.500452	1.998193	2.1335%
1903	0.489998	2.040825	1.8151%
1902	0.481262	2.077869	1.8943%
1901	0.472315	2.117231	3.0255%
1900	0.458445	2.181288	0.6278%
1899	0.455584	2.194983	1.7757%
1898	0.447636	2.233958	1.8078%
1897	0.439688	2.274342	1.8396%
1896	0.431745	2.316181	1.8755%
1895	0.423797	2.359622	1.9114%
1894	0.415848	2.404724	1.9486%
1893	0.407900	2.451583	1.9858%
1892	0.399957	2.500267	2.0276%
1891	0.392009	2.550963	2.6465%
1890	0.381902	2.618474	1.5328%
1889	0.376136	2.658611	2.0811%
1888	0.368468	2.713940	2.1599%
1887	0.360678	2.772557	2.2075%

1886	0.352888	2.833762	2.2592%
1885	0.345092	2.897781	2.3095%
1884	0.337301	2.964707	2.3641%
1883	0.329511	3.034797	2.4214%
1882	0.321721	3.108281	2.4815%
1881	0.313931	3.185412	3.7644%
1880	0.302542	3.305323	0.9432%
1879	0.299715	3.336500	2.1464%
1878	0.293417	3.408114	2.1913%
1877	0.287126	3.482796	2.2426%
1876	0.280828	3.560902	2.2941%
1875	0.274530	3.642591	2.3456%
1874	0.268238	3.728031	2.4043%
1873	0.261940	3.817665	2.4635%
1872	0.255642	3.911715	2.5258%
1871	0.249344	4.010516	5.9947%
1870	0.235242	4.250933	-1.0968%
1869	0.237851	4.204310	2.1930%
1868	0.232747	4.296509	2.2394%
1867	0.227649	4.392725	2.2935%
1866	0.222545	4.493473	2.3445%
1865	0.217447	4.598821	2.4037%
1864	0.212343	4.709362	2.4599%
1863	0.207245	4.825207	2.5250%
1862	0.202141	4.947044	2.5872%
1861	0.197043	5.075036	2.9504%
1860	0.191396	5.224771	2.4012%
1859	0.186908	5.350230	2.7627%
1858	0.181883	5.498041	2.8412%
1857	0.176858	5.654251	2.9243%
1856	0.171833	5.819598	3.0161%
1855	0.166802	5.995125	3.1061%
1854	0.161777	6.181337	3.2056%
1853	0.156752	6.379488	3.3118%
1852	0.151727	6.590763	3.4252%
1851	0.146703	6.816512	4.0106%
1850	0.141046	7.089895	2.3254%
1849	0.137841	7.254761	2.7841%
1848	0.134107	7.456740	2.8590%
1847	0.130379	7.669929	2.9432%
1846	0.126652	7.895667	3.0324%
1845	0.122924	8.135096	3.1325%
1844	0.119191	8.389928	3.2284%
1843	0.115463	8.660785	3.3361%
1842	0.111735	8.949714	3.4512%
1841	0.108008	9.258586	3.8105%
1840	0.104043	9.611383	2.3861%
1839	0.101619	9.840716	2.5824%
1838	0.099060	10.094841	2.6573%
1837	0.096496	10.363094	2.7232%
1836	0.093938	10.645302	2.7994%
1835	0.091380	10.943311	2.8871%
1834	0.088816	11.259258	2.9657%

1833	0.086258	11.593172	3.0563%
1832	0.083700	11.947497	3.1604%
1831	0.081135	12.325088	3.4660%
1830	0.078417	12.752272	2.4653%
1829	0.076531	13.066653	2.6804%
1828	0.074533	13.416891	10.3427%
1827	0.067547	14.804554	-4.2314%
1826	0.070531	14.178109	2.9150%
1825	0.068533	14.591406	3.0026%
1824	0.066536	15.029522	3.0955%
1823	0.064538	15.494762	3.1944%
1822	0.062540	15.989725	3.3102%
1821	0.060536	16.519016	3.2277%
1820	0.058643	17.052207	2.6573%
1819	0.057125	17.505331	2.6261%
1818	0.055664	17.965040	2.6969%
1817	0.054202	18.449545	2.7717%
1816	0.052740	18.960908	2.8507%
1815	0.051278	19.501425	2.9343%
1814	0.049817	20.073664	3.0231%
1813	0.048355	20.680501	3.1039%
1812	0.046899	21.322403	3.2172%
1811	0.045437	22.008378	3.0969%
1810	0.044072	22.689959	2.9144%
1809	0.042824	23.351230	2.8225%
1808	0.041649	24.010310	2.9199%
1807	0.040467	24.711394	2.9918%
1806	0.039292	25.450705	3.0841%
1805	0.038116	26.235618	3.1822%
1804	0.036941	27.070486	3.2868%
1803	0.035765	27.960235	3.3985%
1802	0.034590	28.910460	3.5180%
1801	0.033414	29.927543	3.3999%
1800	0.032315	30.945063	2.8419%
1799	0.031422	31.824481	2.7485%
1798	0.030582	32.699164	2.8261%
1797	0.029741	33.623285	3.7832%
1796	0.028657	34.895324	2.1272%
1795	0.028060	35.637617	3.0879%
1794	0.027220	36.738085	3.1625%
1793	0.026385	37.899931	3.2904%
1792	0.025545	39.146996	3.4024%
1791	0.024704	40.478920	3.2296%
1790	0.023931	41.786212	41.3145%
1780	0.016935	59.049957	29.4353%
1770	0.013084	76.431498	83.4728%
1750	0.007131	140.231039	29.2845%
1740	0.005516	181.296930	94.2514%
1720	0.002840	352.171815	85.8111%
1700	0.001528	654.374253	19.2490%
1690	0.001282	780.335076	88.0250%
1670	0.000682	1467.225201	

BASE YEAR: 1954

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.862561	0.536895	8.2857%
2001	1.720044	0.581380	1.0000%
2000	1.703014	0.587194	1.0000%
1999	1.686152	0.593066	1.0000%
1998	1.669458	0.598997	1.0000%
1997	1.652928	0.604987	1.0000%
1996	1.636563	0.611037	1.0000%
1995	1.620359	0.617147	0.9992%
1994	1.604328	0.623314	1.0008%
1993	1.588432	0.629552	1.0000%
1992	1.572705	0.635847	0.9295%
1991	1.558221	0.641758	1.2505%
1990	1.538976	0.649783	0.7224%
1989	1.527937	0.654477	1.1077%
1988	1.511198	0.661727	0.8834%
1987	1.497966	0.667572	0.5594%
1986	1.489633	0.671306	1.3056%
1985	1.470435	0.680071	0.7673%
1984	1.459238	0.685289	0.8149%
1983	1.447442	0.690874	0.9737%
1982	1.433484	0.697601	0.9508%
1981	1.419983	0.704234	0.9031%
1980	1.407274	0.710594	2.2701%
1979	1.376037	0.726725	1.0042%
1978	1.362356	0.734022	0.9896%
1977	1.349007	0.741286	0.9103%
1976	1.336837	0.748034	0.8394%
1975	1.325708	0.754314	0.9042%
1974	1.313829	0.761134	1.1568%
1973	1.298805	0.769939	0.9427%
1972	1.286675	0.777197	0.7426%
1971	1.277190	0.782969	1.4697%
1970	1.258691	0.794476	0.6968%
1969	1.249981	0.800012	0.8565%
1968	1.239365	0.806865	1.5090%
1967	1.220941	0.819041	0.9949%
1966	1.208913	0.827189	1.0575%
1965	1.196263	0.835937	1.1300%
1964	1.182896	0.845383	1.5537%
1963	1.164799	0.858517	1.4658%
1962	1.147972	0.871101	1.5364%
1961	1.130601	0.884485	2.1586%
1960	1.106711	0.903578	-1.6655%
1959	1.125455	0.888529	4.3080%
1958	1.078973	0.926807	2.1130%
1957	1.056647	0.946390	1.9895%
1956	1.036035	0.965219	2.1231%
1955	1.014496	0.985711	1.4496%
1954	1.000000	1.000000	2.1573%

1953	0.978883	1.021573	1.2298%
1952	0.966991	1.034135	1.6814%
1951	0.951001	1.051523	1.6233%
1950	0.935811	1.068592	1.4265%
1949	0.922649	1.083836	1.7790%
1948	0.906521	1.103118	1.8242%
1947	0.890281	1.123241	-2.6320%
1946	0.914347	1.093676	3.1768%
1945	0.886195	1.128420	6.4754%
1944	0.832300	1.201490	-0.3437%
1943	0.835170	1.197361	0.6562%
1942	0.829725	1.205218	0.6633%
1941	0.824258	1.213213	-5.6614%
1940	0.873723	1.144527	8.0381%
1939	0.808717	1.236526	0.8126%
1938	0.802199	1.246574	0.7762%
1937	0.796019	1.256251	0.6029%
1936	0.791249	1.263824	0.5244%
1935	0.787122	1.270452	-3.0364%
1934	0.811770	1.231876	4.6271%
1933	0.775869	1.288877	1.3921%
1932	0.765217	1.306819	-0.2051%
1931	0.766789	1.304139	0.8886%
1930	0.760036	1.315728	1.0126%
1929	0.752417	1.329051	1.1526%
1928	0.743843	1.344369	1.2160%
1927	0.734907	1.360717	1.4086%
1926	0.724699	1.379884	1.7667%
1925	0.712118	1.404262	1.4465%
1924	0.701964	1.424574	1.7700%
1923	0.689756	1.449789	1.6165%
1922	0.678783	1.473225	1.3736%
1921	0.669585	1.493462	2.3393%
1920	0.654280	1.528399	1.3140%
1919	0.645794	1.548482	0.7676%
1918	0.640874	1.560369	0.3870%
1917	0.638404	1.566407	1.3274%
1916	0.630040	1.587200	1.4083%
1915	0.621291	1.609553	1.4458%
1914	0.612436	1.632824	1.9424%
1913	0.600767	1.664539	1.9857%
1912	0.589070	1.697592	1.5634%
1911	0.580002	1.724132	1.8169%
1910	0.569652	1.755458	1.8781%
1909	0.559151	1.788426	2.0082%
1908	0.548143	1.824342	1.9603%
1907	0.537604	1.860104	1.8264%
1906	0.527962	1.894076	1.9357%
1905	0.517936	1.930739	2.0148%
1904	0.507707	1.969641	2.1335%
1903	0.497101	2.011663	1.8151%
1902	0.488239	2.048178	1.8943%
1901	0.479162	2.086978	3.0255%

1900	0.465090	2.150119	0.6278%
1899	0.462189	2.163618	1.7757%
1898	0.454125	2.202037	1.8078%
1897	0.446061	2.241844	1.8396%
1896	0.438004	2.283085	1.8755%
1895	0.429940	2.325905	1.9114%
1894	0.421876	2.370363	1.9486%
1893	0.413813	2.416552	1.9858%
1892	0.405755	2.464540	2.0276%
1891	0.397691	2.514512	2.6465%
1890	0.387438	2.581059	1.5328%
1889	0.381589	2.620622	2.0811%
1888	0.373809	2.675160	2.1599%
1887	0.365906	2.732940	2.2075%
1886	0.358003	2.793270	2.2592%
1885	0.350094	2.856375	2.3095%
1884	0.342191	2.922344	2.3641%
1883	0.334288	2.991433	2.4214%
1882	0.326385	3.063867	2.4815%
1881	0.318482	3.139896	3.7644%
1880	0.306928	3.258094	0.9432%
1879	0.304060	3.288825	2.1464%
1878	0.297671	3.359416	2.1913%
1877	0.291288	3.433031	2.2426%
1876	0.284899	3.510020	2.2941%
1875	0.278509	3.590542	2.3456%
1874	0.272126	3.674762	2.4043%
1873	0.265737	3.763114	2.4635%
1872	0.259348	3.855821	2.5258%
1871	0.252959	3.953210	5.9947%
1870	0.238653	4.190192	-1.0968%
1869	0.241299	4.144234	2.1930%
1868	0.236121	4.235116	2.2394%
1867	0.230949	4.329958	2.2935%
1866	0.225771	4.429265	2.3445%
1865	0.220599	4.533108	2.4037%
1864	0.215421	4.642070	2.4599%
1863	0.210249	4.756260	2.5250%
1862	0.205071	4.876356	2.5872%
1861	0.199899	5.002519	2.9504%
1860	0.194170	5.150114	2.4012%
1859	0.189617	5.273780	2.7627%
1858	0.184520	5.419480	2.8412%
1857	0.179422	5.573458	2.9243%
1856	0.174324	5.736442	3.0161%
1855	0.169220	5.909461	3.1061%
1854	0.164122	6.093012	3.2056%
1853	0.159025	6.288332	3.3118%
1852	0.153927	6.496588	3.4252%
1851	0.148829	6.719111	4.0106%
1850	0.143090	6.988588	2.3254%
1849	0.139839	7.151098	2.7841%
1848	0.136051	7.350191	2.8590%

1847	0.132269	7.560334	2.9432%
1846	0.128488	7.782846	3.0324%
1845	0.124706	8.018853	3.1325%
1844	0.120918	8.270044	3.2284%
1843	0.117137	8.537031	3.3361%
1842	0.113355	8.821832	3.4512%
1841	0.109574	9.126290	3.8105%
1840	0.105552	9.474046	2.3861%
1839	0.103092	9.700102	2.5824%
1838	0.100496	9.950596	2.6573%
1837	0.097895	10.215016	2.7232%
1836	0.095300	10.493192	2.7994%
1835	0.092705	10.786943	2.8871%
1834	0.090103	11.098375	2.9657%
1833	0.087508	11.427517	3.0563%
1832	0.084913	11.776779	3.1604%
1831	0.082311	12.148975	3.4660%
1830	0.079554	12.570055	2.4653%
1829	0.077640	12.879944	2.6804%
1828	0.075613	13.225178	10.3427%
1827	0.068526	14.593012	-4.2314%
1826	0.071554	13.975518	2.9150%
1825	0.069527	14.382910	3.0026%
1824	0.067500	14.814766	3.0955%
1823	0.065473	15.273358	3.1944%
1822	0.063447	15.761249	3.3102%
1821	0.061414	16.282976	3.2277%
1820	0.059494	16.808548	2.6573%
1819	0.057954	17.255198	2.6261%
1818	0.056471	17.708338	2.6969%
1817	0.054988	18.185920	2.7717%
1816	0.053505	18.689976	2.8507%
1815	0.052022	19.222770	2.9343%
1814	0.050539	19.786832	3.0231%
1813	0.049056	20.384998	3.1039%
1812	0.047579	21.017727	3.2172%
1811	0.046096	21.693901	3.0969%
1810	0.044711	22.365743	2.9144%
1809	0.043445	23.017565	2.8225%
1808	0.042253	23.667227	2.9199%
1807	0.041054	24.358293	2.9918%
1806	0.039861	25.087041	3.0841%
1805	0.038669	25.860738	3.1822%
1804	0.037476	26.683677	3.2868%
1803	0.036284	27.560712	3.3985%
1802	0.035091	28.497359	3.5180%
1801	0.033898	29.499909	3.3999%
1800	0.032784	30.502890	2.8419%
1799	0.031878	31.369742	2.7485%
1798	0.031025	32.231926	2.8261%
1797	0.030172	33.142843	3.7832%
1796	0.029073	34.396706	2.1272%
1795	0.028467	35.128392	3.0879%

1794	0.027614	36.213135	3.1625%
1793	0.026768	37.358380	3.2904%
1792	0.025915	38.587625	3.4024%
1791	0.025062	39.900518	3.2296%
1790	0.024278	41.189130	41.3145%
1780	0.017180	58.206193	29.4353%
1770	0.013273	75.339370	83.4728%
1750	0.007234	138.227280	29.2845%
1740	0.005596	178.706383	94.2514%
1720	0.002881	347.139640	85.8111%
1700	0.001550	645.023914	19.2490%
1690	0.001300	769.184886	88.0250%
1670	0.000691	1446.260054	

BASE YEAR: 1953

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.902741	0.525558	8.2857%
2001	1.757150	0.569103	1.0000%
2000	1.739752	0.574795	1.0000%
1999	1.722527	0.580543	1.0000%
1998	1.705472	0.586348	1.0000%
1997	1.688586	0.592211	1.0000%
1996	1.671867	0.598134	1.0000%
1995	1.655314	0.604115	0.9992%
1994	1.638938	0.610151	1.0008%
1993	1.622698	0.616258	1.0000%
1992	1.606632	0.622420	0.9295%
1991	1.591836	0.628206	1.2505%
1990	1.572175	0.636061	0.7224%
1989	1.560899	0.640657	1.1077%
1988	1.543798	0.647753	0.8834%
1987	1.530280	0.653475	0.5594%
1986	1.521768	0.657130	1.3056%
1985	1.502156	0.665710	0.7673%
1984	1.490718	0.670818	0.8149%
1983	1.478667	0.676285	0.9737%
1982	1.464408	0.682870	0.9508%
1981	1.450615	0.689363	0.9031%
1980	1.437632	0.695588	2.2701%
1979	1.405722	0.711378	1.0042%
1978	1.391746	0.718522	0.9896%
1977	1.378108	0.725633	0.9103%
1976	1.365676	0.732238	0.8394%
1975	1.354307	0.738385	0.9042%
1974	1.342172	0.745061	1.1568%
1973	1.326823	0.753680	0.9427%
1972	1.314432	0.760785	0.7426%
1971	1.304742	0.766435	1.4697%
1970	1.285844	0.777699	0.6968%
1969	1.276946	0.783119	0.8565%
1968	1.266101	0.789826	1.5090%

1967	1.247279	0.801745	0.9949%
1966	1.234992	0.809722	1.0575%
1965	1.222069	0.818284	1.1300%
1964	1.208414	0.827531	1.5537%
1963	1.189927	0.840388	1.4658%
1962	1.172737	0.852706	1.5364%
1961	1.154991	0.865808	2.1586%
1960	1.130586	0.884497	-1.6655%
1959	1.149734	0.869766	4.3080%
1958	1.102249	0.907236	2.1130%
1957	1.079441	0.926405	1.9895%
1956	1.058385	0.944836	2.1231%
1955	1.036381	0.964896	1.4496%
1954	1.021573	0.978883	2.1573%
1953	1.000000	1.000000	1.2298%
1952	0.987852	1.012298	1.6814%
1951	0.971517	1.029318	1.6233%
1950	0.955999	1.046027	1.4265%
1949	0.942553	1.060949	1.7790%
1948	0.926077	1.079823	1.8242%
1947	0.909487	1.099521	-2.6320%
1946	0.934072	1.070581	3.1768%
1945	0.905312	1.104592	6.4754%
1944	0.850255	1.176118	-0.3437%
1943	0.853187	1.172076	0.6562%
1942	0.847624	1.179768	0.6633%
1941	0.842039	1.187593	-5.6614%
1940	0.892571	1.120359	8.0381%
1939	0.826164	1.210414	0.8126%
1938	0.819504	1.220250	0.7762%
1937	0.813192	1.229722	0.6029%
1936	0.808318	1.237136	0.5244%
1935	0.804102	1.243624	-3.0364%
1934	0.829282	1.205863	4.6271%
1933	0.792607	1.261659	1.3921%
1932	0.781724	1.279223	-0.2051%
1931	0.783331	1.276600	0.8886%
1930	0.776432	1.287944	1.0126%
1929	0.768648	1.300985	1.1526%
1928	0.759890	1.315980	1.2160%
1927	0.750761	1.331982	1.4086%
1926	0.740332	1.350745	1.7667%
1925	0.727480	1.374608	1.4465%
1924	0.717107	1.394492	1.7700%
1923	0.704635	1.419174	1.6165%
1922	0.693426	1.442115	1.3736%
1921	0.684030	1.461925	2.3393%
1920	0.668394	1.496124	1.3140%
1919	0.659725	1.515783	0.7676%
1918	0.654699	1.527419	0.3870%
1917	0.652176	1.533329	1.3274%
1916	0.643632	1.553683	1.4083%
1915	0.634693	1.575564	1.4458%

1914	0.625648	1.598343	1.9424%
1913	0.613727	1.629389	1.9857%
1912	0.601778	1.661744	1.5634%
1911	0.592514	1.687723	1.8169%
1910	0.581941	1.718388	1.8781%
1909	0.571213	1.750660	2.0082%
1908	0.559968	1.785818	1.9603%
1907	0.549202	1.820824	1.8264%
1906	0.539351	1.854079	1.9357%
1905	0.529110	1.889968	2.0148%
1904	0.518659	1.928048	2.1335%
1903	0.507825	1.969183	1.8151%
1902	0.498771	2.004927	1.8943%
1901	0.489499	2.042907	3.0255%
1900	0.475124	2.104715	0.6278%
1899	0.472159	2.117929	1.7757%
1898	0.463922	2.155537	1.8078%
1897	0.455684	2.194503	1.8396%
1896	0.447453	2.234873	1.8755%
1895	0.439215	2.276789	1.9114%
1894	0.430977	2.320308	1.9486%
1893	0.422740	2.365522	1.9858%
1892	0.414508	2.412497	2.0276%
1891	0.406271	2.461413	2.6465%
1890	0.395796	2.526555	1.5328%
1889	0.389821	2.565282	2.0811%
1888	0.381873	2.618669	2.1599%
1887	0.373800	2.675228	2.2075%
1886	0.365726	2.734285	2.2592%
1885	0.357646	2.796057	2.3095%
1884	0.349573	2.860633	2.3641%
1883	0.341499	2.928262	2.4214%
1882	0.333426	2.999167	2.4815%
1881	0.325352	3.073590	3.7644%
1880	0.313549	3.189293	0.9432%
1879	0.310619	3.219375	2.1464%
1878	0.304092	3.288475	2.1913%
1877	0.297572	3.360535	2.2426%
1876	0.291045	3.435899	2.2941%
1875	0.284518	3.514721	2.3456%
1874	0.277997	3.597162	2.4043%
1873	0.271470	3.683649	2.4635%
1872	0.264943	3.774397	2.5258%
1871	0.258416	3.869730	5.9947%
1870	0.243801	4.101708	-1.0968%
1869	0.246505	4.056721	2.1930%
1868	0.241215	4.145683	2.2394%
1867	0.235931	4.238522	2.2935%
1866	0.230642	4.335733	2.3445%
1865	0.225358	4.437383	2.4037%
1864	0.220068	4.544044	2.4599%
1863	0.214785	4.655822	2.5250%
1862	0.209495	4.773382	2.5872%

1861	0.204212	4.896881	2.9504%
1860	0.198359	5.041359	2.4012%
1859	0.193708	5.162414	2.7627%
1858	0.188500	5.305037	2.8412%
1857	0.183292	5.455763	2.9243%
1856	0.178085	5.615306	3.0161%
1855	0.172871	5.784671	3.1061%
1854	0.167663	5.964346	3.2056%
1853	0.162455	6.155541	3.3118%
1852	0.157248	6.359399	3.4252%
1851	0.152040	6.577223	4.0106%
1850	0.146177	6.841010	2.3254%
1849	0.142855	7.000088	2.7841%
1848	0.138986	7.194977	2.8590%
1847	0.135123	7.400682	2.9432%
1846	0.131260	7.618496	3.0324%
1845	0.127396	7.849519	3.1325%
1844	0.123527	8.095406	3.2284%
1843	0.119664	8.356755	3.3361%
1842	0.115801	8.635541	3.4512%
1841	0.111937	8.933570	3.8105%
1840	0.107829	9.273983	2.3861%
1839	0.105316	9.495265	2.5824%
1838	0.102664	9.740470	2.6573%
1837	0.100007	9.999306	2.7232%
1836	0.097356	10.271607	2.7994%
1835	0.094705	10.559155	2.8871%
1834	0.092047	10.864010	2.9657%
1833	0.089396	11.186203	3.0563%
1832	0.086745	11.528089	3.1604%
1831	0.084087	11.892425	3.4660%
1830	0.081270	12.304613	2.4653%
1829	0.079315	12.607959	2.6804%
1828	0.077245	12.945902	10.3427%
1827	0.070004	14.284851	-4.2314%
1826	0.073097	13.680397	2.9150%
1825	0.071027	14.079186	3.0026%
1824	0.068956	14.501922	3.0955%
1823	0.066886	14.950831	3.1944%
1822	0.064815	15.428418	3.3102%
1821	0.062739	15.939129	3.2277%
1820	0.060777	16.453602	2.6573%
1819	0.059204	16.890820	2.6261%
1818	0.057689	17.334391	2.6969%
1817	0.056174	17.801888	2.7717%
1816	0.054659	18.295300	2.8507%
1815	0.053144	18.816843	2.9343%
1814	0.051629	19.368994	3.0231%
1813	0.050114	19.954528	3.1039%
1812	0.048605	20.573896	3.2172%
1811	0.047090	21.235791	3.0969%
1810	0.045676	21.893445	2.9144%
1809	0.044382	22.531503	2.8225%

1808	0.043164	23.167447	2.9199%
1807	0.041939	23.843919	2.9918%
1806	0.040721	24.557278	3.0841%
1805	0.039503	25.314637	3.1822%
1804	0.038285	26.120198	3.2868%
1803	0.037066	26.978713	3.3985%
1802	0.035848	27.895580	3.5180%
1801	0.034630	28.876960	3.3999%
1800	0.033491	29.858761	2.8419%
1799	0.032566	30.707308	2.7485%
1798	0.031694	31.551285	2.8261%
1797	0.030823	32.442965	3.7832%
1796	0.029700	33.670351	2.1272%
1795	0.029081	34.386586	3.0879%
1794	0.028210	35.448422	3.1625%
1793	0.027345	36.569483	3.2904%
1792	0.026474	37.772771	3.4024%
1791	0.025603	39.057939	3.2296%
1790	0.024802	40.319340	41.3145%
1780	0.017551	56.977054	29.4353%
1770	0.013560	73.748429	83.4728%
1750	0.007391	135.308336	29.2845%
1740	0.005716	174.932641	94.2514%
1720	0.002943	339.809095	85.8111%
1700	0.001584	631.402949	19.2490%
1690	0.001328	752.942015	88.0250%
1670	0.000706	1415.719392	

BASE YEAR: 1952

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.926140	0.519173	8.2857%
2001	1.778758	0.562190	1.0000%
2000	1.761147	0.567812	1.0000%
1999	1.743710	0.573490	1.0000%
1998	1.726445	0.579225	1.0000%
1997	1.709352	0.585017	1.0000%
1996	1.692427	0.590867	1.0000%
1995	1.675671	0.596776	0.9992%
1994	1.659093	0.602739	1.0008%
1993	1.642653	0.608771	1.0000%
1992	1.626389	0.614859	0.9295%
1991	1.611411	0.620574	1.2505%
1990	1.591509	0.628334	0.7224%
1989	1.580094	0.632874	1.1077%
1988	1.562783	0.639884	0.8834%
1987	1.549099	0.645536	0.5594%
1986	1.540482	0.649147	1.3056%
1985	1.520629	0.657623	0.7673%
1984	1.509050	0.662669	0.8149%
1983	1.496851	0.668069	0.9737%
1982	1.482416	0.674574	0.9508%

1981	1.468454	0.680988	0.9031%
1980	1.455312	0.687138	2.2701%
1979	1.423008	0.702737	1.0042%
1978	1.408861	0.709793	0.9896%
1977	1.395055	0.716817	0.9103%
1976	1.382470	0.723343	0.8394%
1975	1.370962	0.729415	0.9042%
1974	1.358677	0.736010	1.1568%
1973	1.343140	0.744524	0.9427%
1972	1.330596	0.751543	0.7426%
1971	1.320788	0.757124	1.4697%
1970	1.301657	0.768252	0.6968%
1969	1.292649	0.773605	0.8565%
1968	1.281671	0.780231	1.5090%
1967	1.262618	0.792005	0.9949%
1966	1.250180	0.799885	1.0575%
1965	1.237098	0.808344	1.1300%
1964	1.223275	0.817478	1.5537%
1963	1.204560	0.830179	1.4658%
1962	1.187158	0.842348	1.5364%
1961	1.169194	0.855290	2.1586%
1960	1.144489	0.873752	-1.6655%
1959	1.163873	0.859200	4.3080%
1958	1.115804	0.896214	2.1130%
1957	1.092716	0.915151	1.9895%
1956	1.071400	0.933358	2.1231%
1955	1.049126	0.953174	1.4496%
1954	1.034135	0.966991	2.1573%
1953	1.012298	0.987852	1.2298%
1952	1.000000	1.000000	1.6814%
1951	0.983464	1.016814	1.6233%
1950	0.967755	1.033319	1.4265%
1949	0.954144	1.048060	1.7790%
1948	0.937466	1.066706	1.8242%
1947	0.920671	1.086164	-2.6320%
1946	0.945559	1.057576	3.1768%
1945	0.916445	1.091173	6.4754%
1944	0.860711	1.161831	-0.3437%
1943	0.863679	1.157838	0.6562%
1942	0.858048	1.165436	0.6633%
1941	0.852394	1.173166	-5.6614%
1940	0.903548	1.106748	8.0381%
1939	0.836323	1.195710	0.8126%
1938	0.829582	1.205427	0.7762%
1937	0.823192	1.214784	0.6029%
1936	0.818259	1.222107	0.5244%
1935	0.813990	1.228516	-3.0364%
1934	0.839480	1.191214	4.6271%
1933	0.802354	1.246333	1.3921%
1932	0.791338	1.263683	-0.2051%
1931	0.792964	1.261091	0.8886%
1930	0.785980	1.272297	1.0126%
1929	0.778101	1.285180	1.1526%

1928	0.769235	1.299993	1.2160%
1927	0.759993	1.315801	1.4086%
1926	0.749437	1.334335	1.7667%
1925	0.736426	1.357909	1.4465%
1924	0.725926	1.377551	1.7700%
1923	0.713301	1.401933	1.6165%
1922	0.701953	1.424596	1.3736%
1921	0.692442	1.444165	2.3393%
1920	0.676614	1.477948	1.3140%
1919	0.667838	1.497369	0.7676%
1918	0.662751	1.508863	0.3870%
1917	0.660196	1.514702	1.3274%
1916	0.651547	1.534809	1.4083%
1915	0.642499	1.556424	1.4458%
1914	0.633342	1.578926	1.9424%
1913	0.621274	1.609595	1.9857%
1912	0.609178	1.641556	1.5634%
1911	0.599801	1.667221	1.8169%
1910	0.589097	1.697513	1.8781%
1909	0.578238	1.729393	2.0082%
1908	0.566854	1.764123	1.9603%
1907	0.555956	1.798705	1.8264%
1906	0.545984	1.831555	1.9357%
1905	0.535616	1.867008	2.0148%
1904	0.525038	1.904625	2.1335%
1903	0.514070	1.945261	1.8151%
1902	0.504905	1.980571	1.8943%
1901	0.495518	2.018089	3.0255%
1900	0.480967	2.079147	0.6278%
1899	0.477966	2.092200	1.7757%
1898	0.469627	2.129351	1.8078%
1897	0.461288	2.167844	1.8396%
1896	0.452955	2.207724	1.8755%
1895	0.444616	2.249130	1.9114%
1894	0.436277	2.292120	1.9486%
1893	0.427938	2.336785	1.9858%
1892	0.419606	2.383189	2.0276%
1891	0.411267	2.431511	2.6465%
1890	0.400663	2.495862	1.5328%
1889	0.394615	2.534119	2.0811%
1888	0.386569	2.586857	2.1599%
1887	0.378397	2.642729	2.2075%
1886	0.370224	2.701068	2.2592%
1885	0.362045	2.762090	2.3095%
1884	0.353872	2.825882	2.3641%
1883	0.345699	2.892689	2.4214%
1882	0.337526	2.962733	2.4815%
1881	0.329353	3.036252	3.7644%
1880	0.317405	3.150549	0.9432%
1879	0.314439	3.180265	2.1464%
1878	0.307832	3.248526	2.1913%
1877	0.301231	3.319711	2.2426%
1876	0.294624	3.394159	2.2941%

1875	0.288017	3.472023	2.3456%
1874	0.281416	3.553463	2.4043%
1873	0.274808	3.638899	2.4635%
1872	0.268201	3.728545	2.5258%
1871	0.261594	3.822720	5.9947%
1870	0.246799	4.051879	-1.0968%
1869	0.249536	4.007439	2.1930%
1868	0.244181	4.095321	2.2394%
1867	0.238833	4.187032	2.2935%
1866	0.233478	4.283061	2.3445%
1865	0.228129	4.383477	2.4037%
1864	0.222775	4.488842	2.4599%
1863	0.217426	4.599262	2.5250%
1862	0.212071	4.715394	2.5872%
1861	0.206723	4.837393	2.9504%
1860	0.200799	4.980116	2.4012%
1859	0.196090	5.099700	2.7627%
1858	0.190818	5.240590	2.8412%
1857	0.185546	5.389486	2.9243%
1856	0.180275	5.547090	3.0161%
1855	0.174997	5.714398	3.1061%
1854	0.169725	5.891890	3.2056%
1853	0.164453	6.080762	3.3118%
1852	0.159181	6.282144	3.4252%
1851	0.153910	6.497322	4.0106%
1850	0.147975	6.757904	2.3254%
1849	0.144612	6.915050	2.7841%
1848	0.140695	7.107571	2.8590%
1847	0.136784	7.310777	2.9432%
1846	0.132874	7.525945	3.0324%
1845	0.128963	7.754162	3.1325%
1844	0.125046	7.997062	3.2284%
1843	0.121135	8.255236	3.3361%
1842	0.117225	8.530635	3.4512%
1841	0.113314	8.825044	3.8105%
1840	0.109155	9.161321	2.3861%
1839	0.106611	9.379915	2.5824%
1838	0.103927	9.622141	2.6573%
1837	0.101237	9.877832	2.7232%
1836	0.098553	10.146826	2.7994%
1835	0.095869	10.430880	2.8871%
1834	0.093179	10.732033	2.9657%
1833	0.090495	11.050311	3.0563%
1832	0.087811	11.388044	3.1604%
1831	0.085121	11.747954	3.4660%
1830	0.082270	12.155134	2.4653%
1829	0.080290	12.454795	2.6804%
1828	0.078194	12.788633	10.3427%
1827	0.070865	14.111317	-4.2314%
1826	0.073996	13.514206	2.9150%
1825	0.071900	13.908150	3.0026%
1824	0.069804	14.325751	3.0955%
1823	0.067708	14.769205	3.1944%

1822	0.065613	15.240991	3.3102%
1821	0.063510	15.745498	3.2277%
1820	0.061524	16.253721	2.6573%
1819	0.059932	16.685627	2.6261%
1818	0.058398	17.123810	2.6969%
1817	0.056865	17.585628	2.7717%
1816	0.055331	18.073045	2.8507%
1815	0.053797	18.588253	2.9343%
1814	0.052264	19.133696	3.0231%
1813	0.050730	19.712117	3.1039%
1812	0.049203	20.323961	3.2172%
1811	0.047669	20.977815	3.0969%
1810	0.046237	21.627480	2.9144%
1809	0.044928	22.257787	2.8225%
1808	0.043695	22.886005	2.9199%
1807	0.042455	23.554259	2.9918%
1806	0.041222	24.258952	3.0841%
1805	0.039989	25.007111	3.1822%
1804	0.038755	25.802885	3.2868%
1803	0.037522	26.650971	3.3985%
1802	0.036289	27.556700	3.5180%
1801	0.035056	28.526157	3.3999%
1800	0.033903	29.496032	2.8419%
1799	0.032966	30.334270	2.7485%
1798	0.032084	31.167994	2.8261%
1797	0.031202	32.048843	3.7832%
1796	0.030065	33.261318	2.1272%
1795	0.029439	33.968852	3.0879%
1794	0.028557	35.017789	3.1625%
1793	0.027681	36.125231	3.2904%
1792	0.026800	37.313901	3.4024%
1791	0.025918	38.583457	3.2296%
1790	0.025107	39.829534	41.3145%
1780	0.017767	56.284887	29.4353%
1770	0.013726	72.852521	83.4728%
1750	0.007481	133.664588	29.2845%
1740	0.005787	172.807531	94.2514%
1720	0.002979	335.681038	85.8111%
1700	0.001603	623.732563	19.2490%
1690	0.001344	743.795152	88.0250%
1670	0.000715	1398.521001	

BASE YEAR: 1951

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.958526	0.510588	8.2857%
2001	1.808666	0.552894	1.0000%
2000	1.790758	0.558423	1.0000%
1999	1.773028	0.564007	1.0000%
1998	1.755473	0.569647	1.0000%
1997	1.738092	0.575343	1.0000%
1996	1.720883	0.581097	1.0000%

1995	1.703845	0.586908	0.9992%
1994	1.686988	0.592772	1.0008%
1993	1.670272	0.598705	1.0000%
1992	1.653735	0.604692	0.9295%
1991	1.638505	0.610312	1.2505%
1990	1.618268	0.617944	0.7224%
1989	1.606661	0.622409	1.1077%
1988	1.589060	0.629303	0.8834%
1987	1.575145	0.634862	0.5594%
1986	1.566384	0.638413	1.3056%
1985	1.546196	0.646749	0.7673%
1984	1.534423	0.651711	0.8149%
1983	1.522019	0.657022	0.9737%
1982	1.507341	0.663420	0.9508%
1981	1.493144	0.669728	0.9031%
1980	1.479781	0.675776	2.2701%
1979	1.446935	0.691116	1.0042%
1978	1.432549	0.698056	0.9896%
1977	1.418512	0.704964	0.9103%
1976	1.405715	0.711382	0.8394%
1975	1.394013	0.717353	0.9042%
1974	1.381522	0.723840	1.1568%
1973	1.365723	0.732213	0.9427%
1972	1.352969	0.739115	0.7426%
1971	1.342995	0.744604	1.4697%
1970	1.323542	0.755548	0.6968%
1969	1.314384	0.760813	0.8565%
1968	1.303221	0.767330	1.5090%
1967	1.283847	0.778909	0.9949%
1966	1.271200	0.786658	1.0575%
1965	1.257898	0.794977	1.1300%
1964	1.243842	0.803960	1.5537%
1963	1.224813	0.816451	1.4658%
1962	1.207119	0.828419	1.5364%
1961	1.188853	0.841147	2.1586%
1960	1.163732	0.859304	-1.6655%
1959	1.183442	0.844993	4.3080%
1958	1.134565	0.881395	2.1130%
1957	1.111088	0.900018	1.9895%
1956	1.089415	0.917924	2.1231%
1955	1.066766	0.937413	1.4496%
1954	1.051523	0.951001	2.1573%
1953	1.029318	0.971517	1.2298%
1952	1.016814	0.983464	1.6814%
1951	1.000000	1.000000	1.6233%
1950	0.984027	1.016233	1.4265%
1949	0.970186	1.030730	1.7790%
1948	0.953228	1.049067	1.8242%
1947	0.936151	1.068203	-2.6320%
1946	0.961457	1.040088	3.1768%
1945	0.931854	1.073129	6.4754%
1944	0.875182	1.142619	-0.3437%
1943	0.878200	1.138692	0.6562%

1942	0.872475	1.146164	0.6633%
1941	0.866726	1.153767	-5.6614%
1940	0.918740	1.088447	8.0381%
1939	0.850385	1.175938	0.8126%
1938	0.843530	1.185494	0.7762%
1937	0.837033	1.194696	0.6029%
1936	0.832017	1.201899	0.5244%
1935	0.827676	1.208202	-3.0364%
1934	0.853595	1.171516	4.6271%
1933	0.815845	1.225724	1.3921%
1932	0.804643	1.242787	-0.2051%
1931	0.806297	1.240238	0.8886%
1930	0.799195	1.251259	1.0126%
1929	0.791184	1.263929	1.1526%
1928	0.782168	1.278497	1.2160%
1927	0.772771	1.294044	1.4086%
1926	0.762038	1.312271	1.7667%
1925	0.748808	1.335455	1.4465%
1924	0.738131	1.354772	1.7700%
1923	0.725294	1.378751	1.6165%
1922	0.713756	1.401039	1.3736%
1921	0.704084	1.420285	2.3393%
1920	0.687990	1.453509	1.3140%
1919	0.679067	1.472609	0.7676%
1918	0.673894	1.483913	0.3870%
1917	0.671296	1.489656	1.3274%
1916	0.662502	1.509430	1.4083%
1915	0.653301	1.530687	1.4458%
1914	0.643991	1.552818	1.9424%
1913	0.631720	1.582979	1.9857%
1912	0.619421	1.614412	1.5634%
1911	0.609886	1.639652	1.8169%
1910	0.599002	1.669443	1.8781%
1909	0.587960	1.700796	2.0082%
1908	0.576385	1.734952	1.9603%
1907	0.565303	1.768962	1.8264%
1906	0.555164	1.801269	1.9357%
1905	0.544622	1.836136	2.0148%
1904	0.533865	1.873131	2.1335%
1903	0.522713	1.913095	1.8151%
1902	0.513394	1.947820	1.8943%
1901	0.503850	1.984719	3.0255%
1900	0.489053	2.044767	0.6278%
1899	0.486002	2.057604	1.7757%
1898	0.477523	2.094140	1.8078%
1897	0.469044	2.131997	1.8396%
1896	0.460571	2.171217	1.8755%
1895	0.452092	2.211939	1.9114%
1894	0.443613	2.254218	1.9486%
1893	0.435134	2.298145	1.9858%
1892	0.426661	2.343781	2.0276%
1891	0.418182	2.391305	2.6465%
1890	0.407400	2.454591	1.5328%

1889	0.401249	2.492215	2.0811%
1888	0.393069	2.544081	2.1599%
1887	0.384759	2.599030	2.2075%
1886	0.376449	2.656404	2.2592%
1885	0.368132	2.716417	2.3095%
1884	0.359822	2.779154	2.3641%
1883	0.351512	2.844857	2.4214%
1882	0.343201	2.913742	2.4815%
1881	0.334891	2.986045	3.7644%
1880	0.322742	3.098452	0.9432%
1879	0.319726	3.127677	2.1464%
1878	0.313008	3.194809	2.1913%
1877	0.306296	3.264817	2.2426%
1876	0.299578	3.338034	2.2941%
1875	0.292859	3.414611	2.3456%
1874	0.286147	3.494704	2.4043%
1873	0.279429	3.578727	2.4635%
1872	0.272711	3.666891	2.5258%
1871	0.265992	3.759508	5.9947%
1870	0.250949	3.984879	-1.0968%
1869	0.253732	3.941173	2.1930%
1868	0.248287	4.027602	2.2394%
1867	0.242848	4.117796	2.2935%
1866	0.237403	4.212238	2.3445%
1865	0.231965	4.310993	2.4037%
1864	0.226520	4.414616	2.4599%
1863	0.221082	4.523210	2.5250%
1862	0.215637	4.637422	2.5872%
1861	0.210199	4.757403	2.9504%
1860	0.204175	4.897766	2.4012%
1859	0.199387	5.015373	2.7627%
1858	0.194027	5.153933	2.8412%
1857	0.188666	5.300367	2.9243%
1856	0.183306	5.455365	3.0161%
1855	0.177939	5.619906	3.1061%
1854	0.172579	5.794464	3.2056%
1853	0.167218	5.980213	3.3118%
1852	0.161858	6.178265	3.4252%
1851	0.156497	6.389884	4.0106%
1850	0.150463	6.646157	2.3254%
1849	0.147044	6.800705	2.7841%
1848	0.143061	6.990042	2.8590%
1847	0.139084	7.189888	2.9432%
1846	0.135108	7.401498	3.0324%
1845	0.131131	7.625941	3.1325%
1844	0.127148	7.864824	3.2284%
1843	0.123172	8.118729	3.3361%
1842	0.119196	8.389575	3.4512%
1841	0.115219	8.679115	3.8105%
1840	0.110990	9.009832	2.3861%
1839	0.108403	9.224811	2.5824%
1838	0.105674	9.463032	2.6573%
1837	0.102939	9.714495	2.7232%

1836	0.100210	9.979041	2.7994%
1835	0.097481	10.258398	2.8871%
1834	0.094746	10.554571	2.9657%
1833	0.092017	10.867586	3.0563%
1832	0.089288	11.199734	3.1604%
1831	0.086552	11.553693	3.4660%
1830	0.083653	11.954141	2.4653%
1829	0.081640	12.248846	2.6804%
1828	0.079509	12.577164	10.3427%
1827	0.072057	13.877976	-4.2314%
1826	0.075240	13.290738	2.9150%
1825	0.073109	13.678168	3.0026%
1824	0.070978	14.088864	3.0955%
1823	0.068847	14.524986	3.1944%
1822	0.066716	14.988971	3.3102%
1821	0.064578	15.485134	3.2277%
1820	0.062559	15.984954	2.6573%
1819	0.060939	16.409719	2.6261%
1818	0.059380	16.840655	2.6969%
1817	0.057821	17.294836	2.7717%
1816	0.056261	17.774194	2.8507%
1815	0.054702	18.280883	2.9343%
1814	0.053143	18.817307	3.0231%
1813	0.051583	19.386163	3.1039%
1812	0.050030	19.987890	3.2172%
1811	0.048471	20.630932	3.0969%
1810	0.047015	21.269854	2.9144%
1809	0.045684	21.889738	2.8225%
1808	0.044430	22.507568	2.9199%
1807	0.043169	23.164773	2.9918%
1806	0.041915	23.857813	3.0841%
1805	0.040661	24.593600	3.1822%
1804	0.039407	25.376216	3.2868%
1803	0.038153	26.210278	3.3985%
1802	0.036899	27.101030	3.5180%
1801	0.035645	28.054457	3.3999%
1800	0.034473	29.008293	2.8419%
1799	0.033520	29.832671	2.7485%
1798	0.032624	30.652609	2.8261%
1797	0.031727	31.518892	3.7832%
1796	0.030570	32.711318	2.1272%
1795	0.029934	33.407152	3.0879%
1794	0.029037	34.438745	3.1625%
1793	0.028147	35.527874	3.2904%
1792	0.027250	36.696888	3.4024%
1791	0.026354	37.945451	3.2296%
1790	0.025529	39.170924	41.3145%
1780	0.018065	55.354176	29.4353%
1770	0.013957	71.647852	83.4728%
1750	0.007607	131.454347	29.2845%
1740	0.005884	169.950033	94.2514%
1720	0.003029	330.130309	85.8111%
1700	0.001630	613.418693	19.2490%

1690 0.001367 731.495960 88.0250%
1670 0.000727 1375.395442

BASE YEAR: 1950

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1.990318	0.502432	8.2857%
2001	1.838026	0.544062	1.0000%
2000	1.819827	0.549503	1.0000%
1999	1.801809	0.554998	1.0000%
1998	1.783969	0.560548	1.0000%
1997	1.766306	0.566153	1.0000%
1996	1.748818	0.571815	1.0000%
1995	1.731503	0.577533	0.9992%
1994	1.714373	0.583304	1.0008%
1993	1.697386	0.589141	1.0000%
1992	1.680580	0.595033	0.9295%
1991	1.665103	0.600564	1.2505%
1990	1.644537	0.608074	0.7224%
1989	1.632742	0.612467	1.1077%
1988	1.614854	0.619251	0.8834%
1987	1.600714	0.624721	0.5594%
1986	1.591810	0.628216	1.3056%
1985	1.571295	0.636418	0.7673%
1984	1.559330	0.641301	0.8149%
1983	1.546726	0.646527	0.9737%
1982	1.531810	0.652823	0.9508%
1981	1.517382	0.659030	0.9031%
1980	1.503802	0.664981	2.2701%
1979	1.470422	0.680077	1.0042%
1978	1.455803	0.686906	0.9896%
1977	1.441538	0.693704	0.9103%
1976	1.428533	0.700019	0.8394%
1975	1.416642	0.705895	0.9042%
1974	1.403947	0.712277	1.1568%
1973	1.387892	0.720517	0.9427%
1972	1.374931	0.727309	0.7426%
1971	1.364796	0.732711	1.4697%
1970	1.345027	0.743479	0.6968%
1969	1.335720	0.748660	0.8565%
1968	1.324376	0.755073	1.5090%
1967	1.304688	0.766467	0.9949%
1966	1.291835	0.774093	1.0575%
1965	1.278317	0.782278	1.1300%
1964	1.264033	0.791118	1.5537%
1963	1.244695	0.803410	1.4658%
1962	1.226714	0.815186	1.5364%
1961	1.208151	0.827711	2.1586%
1960	1.182623	0.845578	-1.6655%
1959	1.202653	0.831495	4.3080%
1958	1.152982	0.867316	2.1130%
1957	1.129124	0.885642	1.9895%

1956	1.107099	0.903262	2.1231%
1955	1.084083	0.922439	1.4496%
1954	1.068592	0.935811	2.1573%
1953	1.046027	0.955999	1.2298%
1952	1.033319	0.967755	1.6814%
1951	1.016233	0.984027	1.6233%
1950	1.000000	1.000000	1.4265%
1949	0.985935	1.014265	1.7790%
1948	0.968702	1.032310	1.8242%
1947	0.951348	1.051141	-2.6320%
1946	0.977064	1.023474	3.1768%
1945	0.946981	1.055988	6.4754%
1944	0.889389	1.124367	-0.3437%
1943	0.892456	1.120503	0.6562%
1942	0.886638	1.127856	0.6633%
1941	0.880795	1.135337	-5.6614%
1940	0.933654	1.071061	8.0381%
1939	0.864189	1.157154	0.8126%
1938	0.857223	1.166558	0.7762%
1937	0.850620	1.175613	0.6029%
1936	0.845523	1.182700	0.5244%
1935	0.841112	1.188902	-3.0364%
1934	0.867451	1.152803	4.6271%
1933	0.829088	1.206145	1.3921%
1932	0.817705	1.222935	-0.2051%
1931	0.819385	1.220427	0.8886%
1930	0.812168	1.231272	1.0126%
1929	0.804027	1.243740	1.1526%
1928	0.794865	1.258075	1.2160%
1927	0.785316	1.273373	1.4086%
1926	0.774408	1.291310	1.7667%
1925	0.760964	1.314123	1.4465%
1924	0.750113	1.333132	1.7700%
1923	0.737067	1.356728	1.6165%
1922	0.725342	1.378660	1.3736%
1921	0.715513	1.397598	2.3393%
1920	0.699158	1.430292	1.3140%
1919	0.690090	1.449086	0.7676%
1918	0.684833	1.460210	0.3870%
1917	0.682193	1.465861	1.3274%
1916	0.673256	1.485319	1.4083%
1915	0.663906	1.506237	1.4458%
1914	0.654444	1.528014	1.9424%
1913	0.641975	1.557694	1.9857%
1912	0.629475	1.588624	1.5634%
1911	0.619786	1.613461	1.8169%
1910	0.608726	1.642776	1.8781%
1909	0.597504	1.673629	2.0082%
1908	0.585741	1.707239	1.9603%
1907	0.574480	1.740705	1.8264%
1906	0.564176	1.772497	1.9357%
1905	0.553463	1.806807	2.0148%
1904	0.542532	1.843211	2.1335%

1903	0.531198	1.882536	1.8151%
1902	0.521728	1.916707	1.8943%
1901	0.512029	1.953016	3.0255%
1900	0.496992	2.012105	0.6278%
1899	0.493891	2.024737	1.7757%
1898	0.485274	2.060690	1.8078%
1897	0.476658	2.097942	1.8396%
1896	0.468047	2.136536	1.8755%
1895	0.459431	2.176607	1.9114%
1894	0.450814	2.218211	1.9486%
1893	0.442197	2.261435	1.9858%
1892	0.433587	2.306343	2.0276%
1891	0.424970	2.353107	2.6465%
1890	0.414013	2.415383	1.5328%
1889	0.407763	2.452406	2.0811%
1888	0.399450	2.503444	2.1599%
1887	0.391005	2.557514	2.2075%
1886	0.382560	2.613972	2.2592%
1885	0.374108	2.673026	2.3095%
1884	0.365663	2.734761	2.3641%
1883	0.357218	2.799415	2.4214%
1882	0.348772	2.867199	2.4815%
1881	0.340327	2.938348	3.7644%
1880	0.327981	3.048959	0.9432%
1879	0.324916	3.077718	2.1464%
1878	0.318089	3.143777	2.1913%
1877	0.311268	3.212667	2.2426%
1876	0.304440	3.284714	2.2941%
1875	0.297613	3.360068	2.3456%
1874	0.290792	3.438881	2.4043%
1873	0.283965	3.521563	2.4635%
1872	0.277137	3.608318	2.5258%
1871	0.270310	3.699456	5.9947%
1870	0.255022	3.921226	-1.0968%
1869	0.257850	3.878219	2.1930%
1868	0.252317	3.963267	2.2394%
1867	0.246790	4.052021	2.2935%
1866	0.241257	4.144954	2.3445%
1865	0.235731	4.242131	2.4037%
1864	0.230197	4.344099	2.4599%
1863	0.224671	4.450959	2.5250%
1862	0.219137	4.563346	2.5872%
1861	0.213611	4.681411	2.9504%
1860	0.207489	4.819532	2.4012%
1859	0.202624	4.935260	2.7627%
1858	0.197176	5.071607	2.8412%
1857	0.191729	5.215702	2.9243%
1856	0.186281	5.368224	3.0161%
1855	0.180827	5.530137	3.1061%
1854	0.175380	5.701906	3.2056%
1853	0.169933	5.884688	3.3118%
1852	0.164485	6.079576	3.4252%
1851	0.159038	6.287816	4.0106%

1850	0.152905	6.539995	2.3254%
1849	0.149431	6.692074	2.7841%
1848	0.145383	6.878387	2.8590%
1847	0.141342	7.075041	2.9432%
1846	0.137301	7.283271	3.0324%
1845	0.133260	7.504129	3.1325%
1844	0.129212	7.739196	3.2284%
1843	0.125171	7.989045	3.3361%
1842	0.121130	8.255564	3.4512%
1841	0.117089	8.540480	3.8105%
1840	0.112792	8.865914	2.3861%
1839	0.110163	9.077459	2.5824%
1838	0.107390	9.311875	2.6573%
1837	0.104610	9.559321	2.7232%
1836	0.101837	9.819641	2.7994%
1835	0.099063	10.094536	2.8871%
1834	0.096284	10.385978	2.9657%
1833	0.093510	10.693993	3.0563%
1832	0.090737	11.020836	3.1604%
1831	0.087957	11.369141	3.4660%
1830	0.085011	11.763192	2.4653%
1829	0.082966	12.053190	2.6804%
1828	0.080800	12.376263	10.3427%
1827	0.073226	13.656297	-4.2314%
1826	0.076462	13.078440	2.9150%
1825	0.074296	13.459681	3.0026%
1824	0.072130	13.863816	3.0955%
1823	0.069964	14.292972	3.1944%
1822	0.067799	14.749545	3.3102%
1821	0.065626	15.237783	3.2277%
1820	0.063574	15.729619	2.6573%
1819	0.061929	16.147599	2.6261%
1818	0.060344	16.571652	2.6969%
1817	0.058759	17.018578	2.7717%
1816	0.057175	17.490279	2.8507%
1815	0.055590	17.988874	2.9343%
1814	0.054005	18.516729	3.0231%
1813	0.052421	19.076500	3.1039%
1812	0.050842	19.668614	3.2172%
1811	0.049258	20.301385	3.0969%
1810	0.047778	20.930101	2.9144%
1809	0.046425	21.540084	2.8225%
1808	0.045151	22.148045	2.9199%
1807	0.043870	22.794752	2.9918%
1806	0.042595	23.476721	3.0841%
1805	0.041321	24.200756	3.1822%
1804	0.040047	24.970871	3.2868%
1803	0.038772	25.791609	3.3985%
1802	0.037498	26.668133	3.5180%
1801	0.036224	27.606331	3.3999%
1800	0.035032	28.544931	2.8419%
1799	0.034064	29.356141	2.7485%
1798	0.033153	30.162981	2.8261%

1797	0.032242	31.015427	3.7832%
1796	0.031067	32.188806	2.1272%
1795	0.030420	32.873525	3.0879%
1794	0.029508	33.888640	3.1625%
1793	0.028604	34.960372	3.2904%
1792	0.027693	36.110713	3.4024%
1791	0.026781	37.339332	3.2296%
1790	0.025944	38.545229	41.3145%
1780	0.018359	54.469979	29.4353%
1770	0.014184	70.503389	83.4728%
1750	0.007731	129.354570	29.2845%
1740	0.005980	167.235347	94.2514%
1720	0.003078	324.856993	85.8111%
1700	0.001657	603.620287	19.2490%
1690	0.001389	719.811454	88.0250%
1670	0.000739	1353.425648	

BASE YEAR: 1949

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.018711	0.495366	8.2857%
2001	1.864246	0.536410	1.0000%
2000	1.845788	0.541774	1.0000%
1999	1.827512	0.547192	1.0000%
1998	1.809418	0.552664	1.0000%
1997	1.791503	0.558190	1.0000%
1996	1.773766	0.563772	1.0000%
1995	1.756204	0.569410	0.9992%
1994	1.738829	0.575100	1.0008%
1993	1.721599	0.580855	1.0000%
1992	1.704554	0.586664	0.9295%
1991	1.688856	0.592117	1.2505%
1990	1.667997	0.599521	0.7224%
1989	1.656033	0.603853	1.1077%
1988	1.637891	0.610541	0.8834%
1987	1.623549	0.615935	0.5594%
1986	1.614518	0.619380	1.3056%
1985	1.593710	0.627467	0.7673%
1984	1.581575	0.632281	0.8149%
1983	1.568790	0.637434	0.9737%
1982	1.553661	0.643641	0.9508%
1981	1.539028	0.649761	0.9031%
1980	1.525254	0.655628	2.2701%
1979	1.491398	0.670512	1.0042%
1978	1.476571	0.677245	0.9896%
1977	1.462102	0.683947	0.9103%
1976	1.448912	0.690173	0.8394%
1975	1.436850	0.695967	0.9042%
1974	1.423975	0.702259	1.1568%
1973	1.407691	0.710383	0.9427%
1972	1.394545	0.717080	0.7426%
1971	1.384265	0.722405	1.4697%

1970	1.364214	0.733023	0.6968%
1969	1.354774	0.738130	0.8565%
1968	1.343268	0.744453	1.5090%
1967	1.323299	0.755687	0.9949%
1966	1.310263	0.763205	1.0575%
1965	1.296553	0.771276	1.1300%
1964	1.282065	0.779991	1.5537%
1963	1.262451	0.792110	1.4658%
1962	1.244213	0.803721	1.5364%
1961	1.225386	0.816069	2.1586%
1960	1.199493	0.833685	-1.6655%
1959	1.219809	0.819800	4.3080%
1958	1.169430	0.855117	2.1130%
1957	1.145232	0.873186	1.9895%
1956	1.122892	0.890558	2.1231%
1955	1.099547	0.909465	1.4496%
1954	1.083836	0.922649	2.1573%
1953	1.060949	0.942553	1.2298%
1952	1.048060	0.954144	1.6814%
1951	1.030730	0.970186	1.6233%
1950	1.014265	0.985935	1.4265%
1949	1.000000	1.000000	1.7790%
1948	0.982521	1.017790	1.8242%
1947	0.964919	1.036357	-2.6320%
1946	0.991002	1.009079	3.1768%
1945	0.960490	1.041136	6.4754%
1944	0.902076	1.108554	-0.3437%
1943	0.905187	1.104744	0.6562%
1942	0.899286	1.111993	0.6633%
1941	0.893360	1.119369	-5.6614%
1940	0.946972	1.055997	8.0381%
1939	0.876517	1.140879	0.8126%
1938	0.869452	1.150150	0.7762%
1937	0.862755	1.159078	0.6029%
1936	0.857584	1.166066	0.5244%
1935	0.853111	1.172181	-3.0364%
1934	0.879825	1.136589	4.6271%
1933	0.840915	1.189180	1.3921%
1932	0.829369	1.205735	-0.2051%
1931	0.831074	1.203262	0.8886%
1930	0.823754	1.213955	1.0126%
1929	0.815496	1.226247	1.1526%
1928	0.806204	1.240381	1.2160%
1927	0.796519	1.255464	1.4086%
1926	0.785455	1.273148	1.7667%
1925	0.771819	1.295640	1.4465%
1924	0.760814	1.314382	1.7700%
1923	0.747582	1.337646	1.6165%
1922	0.735689	1.359269	1.3736%
1921	0.725721	1.377941	2.3393%
1920	0.709132	1.410175	1.3140%
1919	0.699935	1.428705	0.7676%
1918	0.694602	1.439672	0.3870%

1917	0.691925	1.445244	1.3274%
1916	0.682860	1.464428	1.4083%
1915	0.673377	1.485052	1.4458%
1914	0.663780	1.506523	1.9424%
1913	0.651133	1.535785	1.9857%
1912	0.638455	1.566281	1.5634%
1911	0.628627	1.590768	1.8169%
1910	0.617409	1.619671	1.8781%
1909	0.606028	1.650090	2.0082%
1908	0.594097	1.683227	1.9603%
1907	0.582675	1.716223	1.8264%
1906	0.572224	1.747567	1.9357%
1905	0.561358	1.781394	2.0148%
1904	0.550271	1.817286	2.1335%
1903	0.538776	1.856059	1.8151%
1902	0.529171	1.889749	1.8943%
1901	0.519333	1.925547	3.0255%
1900	0.504082	1.983805	0.6278%
1899	0.500937	1.996260	1.7757%
1898	0.492197	2.031707	1.8078%
1897	0.483457	2.068435	1.8396%
1896	0.474724	2.106486	1.8755%
1895	0.465985	2.145994	1.9114%
1894	0.457245	2.187012	1.9486%
1893	0.448505	2.229629	1.9858%
1892	0.439772	2.273905	2.0276%
1891	0.431032	2.320011	2.6465%
1890	0.419919	2.381411	1.5328%
1889	0.413580	2.417914	2.0811%
1888	0.405148	2.468233	2.1599%
1887	0.396582	2.521544	2.2075%
1886	0.388017	2.577208	2.2592%
1885	0.379445	2.635431	2.3095%
1884	0.370879	2.696297	2.3641%
1883	0.362313	2.760042	2.4214%
1882	0.353748	2.826873	2.4815%
1881	0.345182	2.897021	3.7644%
1880	0.332660	3.006076	0.9432%
1879	0.329551	3.034430	2.1464%
1878	0.322626	3.099561	2.1913%
1877	0.315708	3.167482	2.2426%
1876	0.308783	3.238516	2.2941%
1875	0.301859	3.312809	2.3456%
1874	0.294941	3.390514	2.4043%
1873	0.288016	3.472033	2.4635%
1872	0.281091	3.557568	2.5258%
1871	0.274166	3.647424	5.9947%
1870	0.258660	3.866075	-1.0968%
1869	0.261529	3.823673	2.1930%
1868	0.255916	3.907525	2.2394%
1867	0.250311	3.995030	2.2935%
1866	0.244699	4.086656	2.3445%
1865	0.239093	4.182467	2.4037%

1864	0.233481	4.283001	2.4599%
1863	0.227876	4.388357	2.5250%
1862	0.222264	4.499164	2.5872%
1861	0.216658	4.615568	2.9504%
1860	0.210449	4.751746	2.4012%
1859	0.205514	4.865847	2.7627%
1858	0.199989	5.000276	2.8412%
1857	0.194464	5.142344	2.9243%
1856	0.188939	5.292721	3.0161%
1855	0.183407	5.452357	3.1061%
1854	0.177882	5.621710	3.2056%
1853	0.172357	5.801921	3.3118%
1852	0.166832	5.994069	3.4252%
1851	0.161306	6.199379	4.0106%
1850	0.155087	6.448012	2.3254%
1849	0.151562	6.597952	2.7841%
1848	0.147457	6.781645	2.8590%
1847	0.143358	6.975533	2.9432%
1846	0.139260	7.180833	3.0324%
1845	0.135161	7.398585	3.1325%
1844	0.131056	7.630346	3.2284%
1843	0.126957	7.876681	3.3361%
1842	0.122858	8.139452	3.4512%
1841	0.118760	8.420360	3.8105%
1840	0.114401	8.741217	2.3861%
1839	0.111734	8.949787	2.5824%
1838	0.108922	9.180906	2.6573%
1837	0.106102	9.424872	2.7232%
1836	0.103289	9.681531	2.7994%
1835	0.100477	9.952559	2.8871%
1834	0.097657	10.239902	2.9657%
1833	0.094844	10.543585	3.0563%
1832	0.092032	10.865831	3.1604%
1831	0.089212	11.209237	3.4660%
1830	0.086224	11.597746	2.4653%
1829	0.084149	11.883665	2.6804%
1828	0.081952	12.202194	10.3427%
1827	0.074271	13.464225	-4.2314%
1826	0.077552	12.894495	2.9150%
1825	0.075356	13.270374	3.0026%
1824	0.073159	13.668826	3.0955%
1823	0.070963	14.091945	3.1944%
1822	0.068766	14.542097	3.3102%
1821	0.066563	15.023468	3.2277%
1820	0.064481	15.508386	2.6573%
1819	0.062812	15.920487	2.6261%
1818	0.061205	16.338576	2.6969%
1817	0.059598	16.779217	2.7717%
1816	0.057990	17.244283	2.8507%
1815	0.056383	17.735865	2.9343%
1814	0.054776	18.256297	3.0231%
1813	0.053168	18.808194	3.1039%
1812	0.051568	19.391981	3.2172%

1811	0.049960	20.015851	3.0969%
1810	0.048460	20.635725	2.9144%
1809	0.047087	21.237128	2.8225%
1808	0.045795	21.836538	2.9199%
1807	0.044496	22.474150	2.9918%
1806	0.043203	23.146528	3.0841%
1805	0.041910	23.860379	3.1822%
1804	0.040618	24.619662	3.2868%
1803	0.039325	25.428857	3.3985%
1802	0.038033	26.293053	3.5180%
1801	0.036740	27.218055	3.3999%
1800	0.035532	28.143455	2.8419%
1799	0.034550	28.943255	2.7485%
1798	0.033626	29.738747	2.8261%
1797	0.032702	30.579203	3.7832%
1796	0.031510	31.736079	2.1272%
1795	0.030854	32.411168	3.0879%
1794	0.029929	33.412005	3.1625%
1793	0.029012	34.468663	3.2904%
1792	0.028088	35.602825	3.4024%
1791	0.027163	36.814164	3.2296%
1790	0.026314	38.003101	41.3145%
1780	0.018621	53.703874	29.4353%
1770	0.014386	69.511778	83.4728%
1750	0.007841	127.535232	29.2845%
1740	0.006065	164.883227	94.2514%
1720	0.003122	320.287967	85.8111%
1700	0.001680	595.130530	19.2490%
1690	0.001409	709.687500	88.0250%
1670	0.000749	1334.390080	

BASE YEAR: 1948

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.054624	0.486707	8.2857%
2001	1.897411	0.527034	1.0000%
2000	1.878625	0.532304	1.0000%
1999	1.860025	0.537627	1.0000%
1998	1.841609	0.543004	1.0000%
1997	1.823375	0.548434	1.0000%
1996	1.805322	0.553918	1.0000%
1995	1.787447	0.559457	0.9992%
1994	1.769763	0.565047	1.0008%
1993	1.752227	0.570702	1.0000%
1992	1.734879	0.576409	0.9295%
1991	1.718901	0.581767	1.2505%
1990	1.697672	0.589042	0.7224%
1989	1.685495	0.593298	1.1077%
1988	1.667030	0.599869	0.8834%
1987	1.652433	0.605168	0.5594%
1986	1.643241	0.608553	1.3056%
1985	1.622063	0.616499	0.7673%

1984	1.609712	0.621229	0.8149%
1983	1.596700	0.626292	0.9737%
1982	1.581302	0.632390	0.9508%
1981	1.566408	0.638403	0.9031%
1980	1.552389	0.644168	2.2701%
1979	1.517931	0.658791	1.0042%
1978	1.502840	0.665407	0.9896%
1977	1.488113	0.671992	0.9103%
1976	1.474689	0.678109	0.8394%
1975	1.462413	0.683802	0.9042%
1974	1.449308	0.689984	1.1568%
1973	1.432735	0.697966	0.9427%
1972	1.419354	0.704546	0.7426%
1971	1.408891	0.709778	1.4697%
1970	1.388484	0.720210	0.6968%
1969	1.378876	0.725228	0.8565%
1968	1.367166	0.731440	1.5090%
1967	1.346841	0.742478	0.9949%
1966	1.333574	0.749865	1.0575%
1965	1.319619	0.757794	1.1300%
1964	1.304874	0.766358	1.5537%
1963	1.284911	0.778264	1.4658%
1962	1.266348	0.789672	1.5364%
1961	1.247186	0.801805	2.1586%
1960	1.220833	0.819113	-1.6655%
1959	1.241510	0.805471	4.3080%
1958	1.190235	0.840170	2.1130%
1957	1.165606	0.857923	1.9895%
1956	1.142869	0.874991	2.1231%
1955	1.119109	0.893568	1.4496%
1954	1.103118	0.906521	2.1573%
1953	1.079823	0.926077	1.2298%
1952	1.066706	0.937466	1.6814%
1951	1.049067	0.953228	1.6233%
1950	1.032310	0.968702	1.4265%
1949	1.017790	0.982521	1.7790%
1948	1.000000	1.000000	1.8242%
1947	0.982085	1.018242	-2.6320%
1946	1.008633	0.991441	3.1768%
1945	0.977577	1.022937	6.4754%
1944	0.918125	1.089177	-0.3437%
1943	0.921291	1.085433	0.6562%
1942	0.915285	1.092556	0.6633%
1941	0.909254	1.099803	-5.6614%
1940	0.963820	1.037539	8.0381%
1939	0.892111	1.120937	0.8126%
1938	0.884920	1.130046	0.7762%
1937	0.878103	1.138818	0.6029%
1936	0.872841	1.145684	0.5244%
1935	0.868288	1.151692	-3.0364%
1934	0.895478	1.116722	4.6271%
1933	0.855876	1.168394	1.3921%
1932	0.844124	1.184660	-0.2051%

1931	0.845859	1.182230	0.8886%
1930	0.838409	1.192735	1.0126%
1929	0.830004	1.204813	1.1526%
1928	0.820547	1.218699	1.2160%
1927	0.810689	1.233519	1.4086%
1926	0.799428	1.250894	1.7667%
1925	0.785550	1.272993	1.4465%
1924	0.774349	1.291407	1.7700%
1923	0.760882	1.314265	1.6165%
1922	0.748778	1.335510	1.3736%
1921	0.738631	1.353855	2.3393%
1920	0.721747	1.385526	1.3140%
1919	0.712387	1.403732	0.7676%
1918	0.706960	1.414508	0.3870%
1917	0.704234	1.419982	1.3274%
1916	0.695009	1.438831	1.4083%
1915	0.685357	1.459094	1.4458%
1914	0.675589	1.480190	1.9424%
1913	0.662717	1.508941	1.9857%
1912	0.649813	1.538903	1.5634%
1911	0.639811	1.562962	1.8169%
1910	0.628393	1.591360	1.8781%
1909	0.616809	1.621247	2.0082%
1908	0.604666	1.653805	1.9603%
1907	0.593041	1.686224	1.8264%
1906	0.582404	1.717021	1.9357%
1905	0.571345	1.750256	2.0148%
1904	0.560061	1.785521	2.1335%
1903	0.548361	1.823616	1.8151%
1902	0.538585	1.856717	1.8943%
1901	0.528572	1.891890	3.0255%
1900	0.513050	1.949129	0.6278%
1899	0.509849	1.961366	1.7757%
1898	0.500953	1.996194	1.8078%
1897	0.492058	2.032280	1.8396%
1896	0.483170	2.069666	1.8755%
1895	0.474275	2.108483	1.9114%
1894	0.465379	2.148784	1.9486%
1893	0.456484	2.190656	1.9858%
1892	0.447596	2.234158	2.0276%
1891	0.438701	2.279459	2.6465%
1890	0.427390	2.339785	1.5328%
1889	0.420937	2.375650	2.0811%
1888	0.412356	2.425090	2.1599%
1887	0.403638	2.477468	2.2075%
1886	0.394920	2.532159	2.2592%
1885	0.386195	2.589365	2.3095%
1884	0.377477	2.649168	2.3641%
1883	0.368759	2.711798	2.4214%
1882	0.360041	2.777461	2.4815%
1881	0.351323	2.846383	3.7644%
1880	0.338578	2.953532	0.9432%
1879	0.335414	2.981390	2.1464%

1878	0.328366	3.045382	2.1913%
1877	0.321325	3.112116	2.2426%
1876	0.314277	3.181908	2.2941%
1875	0.307229	3.254903	2.3456%
1874	0.300188	3.331250	2.4043%
1873	0.293140	3.411344	2.4635%
1872	0.286092	3.495384	2.5258%
1871	0.279044	3.583669	5.9947%
1870	0.263262	3.798499	-1.0968%
1869	0.266181	3.756837	2.1930%
1868	0.260469	3.839224	2.2394%
1867	0.254764	3.925199	2.2935%
1866	0.249052	4.015224	2.3445%
1865	0.243347	4.109360	2.4037%
1864	0.237635	4.208136	2.4599%
1863	0.231930	4.311651	2.5250%
1862	0.226218	4.420521	2.5872%
1861	0.220512	4.534891	2.9504%
1860	0.214193	4.668688	2.4012%
1859	0.209170	4.780795	2.7627%
1858	0.203547	4.912874	2.8412%
1857	0.197923	5.052459	2.9243%
1856	0.192300	5.200207	3.0161%
1855	0.186670	5.357053	3.1061%
1854	0.181046	5.523446	3.2056%
1853	0.175423	5.700507	3.3118%
1852	0.169800	5.889296	3.4252%
1851	0.164176	6.091018	4.0106%
1850	0.157846	6.335304	2.3254%
1849	0.154259	6.482623	2.7841%
1848	0.150080	6.663105	2.8590%
1847	0.145909	6.853604	2.9432%
1846	0.141737	7.055316	3.0324%
1845	0.137566	7.269262	3.1325%
1844	0.133387	7.496972	3.2284%
1843	0.129216	7.739001	3.3361%
1842	0.125044	7.997179	3.4512%
1841	0.120873	8.273177	3.8105%
1840	0.116436	8.588426	2.3861%
1839	0.113722	8.793350	2.5824%
1838	0.110859	9.020429	2.6573%
1837	0.107990	9.260131	2.7232%
1836	0.105127	9.512303	2.7994%
1835	0.102264	9.778594	2.8871%
1834	0.099395	10.060914	2.9657%
1833	0.096532	10.359289	3.0563%
1832	0.093669	10.675902	3.1604%
1831	0.090799	11.013306	3.4660%
1830	0.087758	11.395024	2.4653%
1829	0.085646	11.675945	2.6804%
1828	0.083410	11.988907	10.3427%
1827	0.075592	13.228877	-4.2314%
1826	0.078932	12.669106	2.9150%

1825	0.076696	13.038415	3.0026%
1824	0.074461	13.429902	3.0955%
1823	0.072225	13.845626	3.1944%
1822	0.069989	14.287909	3.3102%
1821	0.067747	14.760866	3.2277%
1820	0.065628	15.237309	2.6573%
1819	0.063930	15.642206	2.6261%
1818	0.062294	16.052987	2.6969%
1817	0.060658	16.485925	2.7717%
1816	0.059022	16.942863	2.8507%
1815	0.057386	17.425852	2.9343%
1814	0.055750	17.937187	3.0231%
1813	0.054114	18.479437	3.1039%
1812	0.052485	19.053019	3.2172%
1811	0.050849	19.665985	3.0969%
1810	0.049322	20.275024	2.9144%
1809	0.047925	20.865915	2.8225%
1808	0.046610	21.454848	2.9199%
1807	0.045287	22.081314	2.9918%
1806	0.043972	22.741939	3.0841%
1805	0.042656	23.443313	3.1822%
1804	0.041341	24.189324	3.2868%
1803	0.040025	24.984375	3.3985%
1802	0.038709	25.833465	3.5180%
1801	0.037394	26.742299	3.3999%
1800	0.036164	27.651523	2.8419%
1799	0.035165	28.437343	2.7485%
1798	0.034224	29.218930	2.8261%
1797	0.033284	30.044696	3.7832%
1796	0.032070	31.181350	2.1272%
1795	0.031402	31.844639	3.0879%
1794	0.030462	32.827982	3.1625%
1793	0.029528	33.866170	3.2904%
1792	0.028587	34.980508	3.4024%
1791	0.027647	36.170673	3.2296%
1790	0.026782	37.338828	41.3145%
1780	0.018952	52.765160	29.4353%
1770	0.014642	68.296751	83.4728%
1750	0.007980	125.305987	29.2845%
1740	0.006173	162.001159	94.2514%
1720	0.003178	314.689511	85.8111%
1700	0.001710	584.727979	19.2490%
1690	0.001434	697.282557	88.0250%
1670	0.000763	1311.065684	

BASE YEAR: 1947

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.092104	0.477988	8.2857%
2001	1.932023	0.517592	1.0000%
2000	1.912894	0.522768	1.0000%
1999	1.893954	0.527996	1.0000%

1998	1.875202	0.533276	1.0000%
1997	1.856636	0.538609	1.0000%
1996	1.838254	0.543995	1.0000%
1995	1.820053	0.549435	0.9992%
1994	1.802047	0.554925	1.0008%
1993	1.784191	0.560478	1.0000%
1992	1.766526	0.566083	0.9295%
1991	1.750257	0.571345	1.2505%
1990	1.728640	0.578489	0.7224%
1989	1.716241	0.582669	1.1077%
1988	1.697439	0.589123	0.8834%
1987	1.682576	0.594327	0.5594%
1986	1.673216	0.597651	1.3056%
1985	1.651652	0.605454	0.7673%
1984	1.639076	0.610100	0.8149%
1983	1.625826	0.615072	0.9737%
1982	1.610147	0.621061	0.9508%
1981	1.594982	0.626966	0.9031%
1980	1.580707	0.632628	2.2701%
1979	1.545620	0.646989	1.0042%
1978	1.530254	0.653486	0.9896%
1977	1.515259	0.659953	0.9103%
1976	1.501589	0.665961	0.8394%
1975	1.489089	0.671551	0.9042%
1974	1.475746	0.677623	1.1568%
1973	1.458870	0.685462	0.9427%
1972	1.445246	0.691924	0.7426%
1971	1.434592	0.697062	1.4697%
1970	1.413813	0.707307	0.6968%
1969	1.404029	0.712236	0.8565%
1968	1.392105	0.718337	1.5090%
1967	1.371410	0.729177	0.9949%
1966	1.357900	0.736431	1.0575%
1965	1.343691	0.744219	1.1300%
1964	1.328677	0.752628	1.5537%
1963	1.308350	0.764322	1.4658%
1962	1.289449	0.775525	1.5364%
1961	1.269937	0.787441	2.1586%
1960	1.243103	0.804439	-1.6655%
1959	1.264157	0.791041	4.3080%
1958	1.211946	0.825119	2.1130%
1957	1.186868	0.842553	1.9895%
1956	1.163716	0.859316	2.1231%
1955	1.139523	0.877560	1.4496%
1954	1.123241	0.890281	2.1573%
1953	1.099521	0.909487	1.2298%
1952	1.086164	0.920671	1.6814%
1951	1.068203	0.936151	1.6233%
1950	1.051141	0.951348	1.4265%
1949	1.036357	0.964919	1.7790%
1948	1.018242	0.982085	1.8242%
1947	1.000000	1.000000	-2.6320%
1946	1.027032	0.973680	3.1768%

1945	0.995410	1.004612	6.4754%
1944	0.934873	1.069664	-0.3437%
1943	0.938097	1.065988	0.6562%
1942	0.931981	1.072983	0.6633%
1941	0.925840	1.080100	-5.6614%
1940	0.981401	1.018951	8.0381%
1939	0.908384	1.100856	0.8126%
1938	0.901062	1.109802	0.7762%
1937	0.894121	1.118416	0.6029%
1936	0.888763	1.125159	0.5244%
1935	0.884127	1.131059	-3.0364%
1934	0.911813	1.096716	4.6271%
1933	0.871488	1.147463	1.3921%
1932	0.859522	1.163437	-0.2051%
1931	0.861289	1.161051	0.8886%
1930	0.853703	1.171368	1.0126%
1929	0.845145	1.183229	1.1526%
1928	0.835515	1.196867	1.2160%
1927	0.825477	1.211421	1.4086%
1926	0.814011	1.228484	1.7667%
1925	0.799880	1.250188	1.4465%
1924	0.788474	1.268272	1.7700%
1923	0.774761	1.290720	1.6165%
1922	0.762436	1.311585	1.3736%
1921	0.752105	1.329601	2.3393%
1920	0.734913	1.360705	1.3140%
1919	0.725382	1.378584	0.7676%
1918	0.719856	1.389167	0.3870%
1917	0.717081	1.394543	1.3274%
1916	0.707687	1.413055	1.4083%
1915	0.697859	1.432955	1.4458%
1914	0.687913	1.453672	1.9424%
1913	0.674806	1.481908	1.9857%
1912	0.661667	1.511334	1.5634%
1911	0.651482	1.534962	1.8169%
1910	0.639856	1.562851	1.8781%
1909	0.628061	1.592203	2.0082%
1908	0.615696	1.624178	1.9603%
1907	0.603859	1.656016	1.8264%
1906	0.593028	1.686261	1.9357%
1905	0.581767	1.718901	2.0148%
1904	0.570277	1.753534	2.1335%
1903	0.558364	1.790946	1.8151%
1902	0.548410	1.823454	1.8943%
1901	0.538214	1.857997	3.0255%
1900	0.522409	1.914211	0.6278%
1899	0.519149	1.926229	1.7757%
1898	0.510092	1.960432	1.8078%
1897	0.501034	1.995872	1.8396%
1896	0.491984	2.032588	1.8755%
1895	0.482926	2.070710	1.9114%
1894	0.473869	2.110289	1.9486%
1893	0.464811	2.151411	1.9858%

1892	0.455761	2.194134	2.0276%
1891	0.446703	2.238623	2.6465%
1890	0.435186	2.297868	1.5328%
1889	0.428616	2.333090	2.0811%
1888	0.419878	2.381645	2.1599%
1887	0.411001	2.433085	2.2075%
1886	0.402124	2.486796	2.2592%
1885	0.393240	2.542977	2.3095%
1884	0.384363	2.601708	2.3641%
1883	0.375486	2.663216	2.4214%
1882	0.366609	2.727703	2.4815%
1881	0.357732	2.795390	3.7644%
1880	0.344754	2.900620	0.9432%
1879	0.341532	2.927979	2.1464%
1878	0.334356	2.990825	2.1913%
1877	0.327186	3.056363	2.2426%
1876	0.320010	3.124905	2.2941%
1875	0.312833	3.196592	2.3456%
1874	0.305664	3.271571	2.4043%
1873	0.298487	3.350230	2.4635%
1872	0.291310	3.432765	2.5258%
1871	0.284134	3.519468	5.9947%
1870	0.268064	3.730449	-1.0968%
1869	0.271037	3.689534	2.1930%
1868	0.265221	3.770445	2.2394%
1867	0.259411	3.854880	2.2935%
1866	0.253595	3.943292	2.3445%
1865	0.247786	4.035741	2.4037%
1864	0.241970	4.132748	2.4599%
1863	0.236160	4.234409	2.5250%
1862	0.230344	4.341328	2.5872%
1861	0.224535	4.453649	2.9504%
1860	0.218100	4.585050	2.4012%
1859	0.212986	4.695148	2.7627%
1858	0.207260	4.824861	2.8412%
1857	0.201534	4.961945	2.9243%
1856	0.195808	5.107047	3.0161%
1855	0.190075	5.261082	3.1061%
1854	0.184349	5.424495	3.2056%
1853	0.178623	5.598384	3.3118%
1852	0.172897	5.783790	3.4252%
1851	0.167171	5.981898	4.0106%
1850	0.160725	6.221809	2.3254%
1849	0.157072	6.366488	2.7841%
1848	0.152818	6.543737	2.8590%
1847	0.148570	6.730823	2.9432%
1846	0.144323	6.928922	3.0324%
1845	0.140075	7.139035	3.1325%
1844	0.135820	7.362665	3.2284%
1843	0.131573	7.600359	3.3361%
1842	0.127325	7.853911	3.4512%
1841	0.123077	8.124965	3.8105%
1840	0.118560	8.434566	2.3861%

1839	0.115797	8.635819	2.5824%
1838	0.112882	8.858829	2.6573%
1837	0.109960	9.094237	2.7232%
1836	0.107045	9.341892	2.7994%
1835	0.104130	9.603413	2.8871%
1834	0.101208	9.880675	2.9657%
1833	0.098293	10.173704	3.0563%
1832	0.095378	10.484646	3.1604%
1831	0.092456	10.816005	3.4660%
1830	0.089358	11.190884	2.4653%
1829	0.087208	11.466773	2.6804%
1828	0.084932	11.774128	10.3427%
1827	0.076971	12.991885	-4.2314%
1826	0.080372	12.442142	2.9150%
1825	0.078096	12.804835	3.0026%
1824	0.075819	13.189308	3.0955%
1823	0.073542	13.597584	3.1944%
1822	0.071266	14.031944	3.3102%
1821	0.068983	14.496428	3.2277%
1820	0.066826	14.964335	2.6573%
1819	0.065096	15.361979	2.6261%
1818	0.063430	15.765401	2.6969%
1817	0.061764	16.190583	2.7717%
1816	0.060099	16.639335	2.8507%
1815	0.058433	17.113671	2.9343%
1814	0.056767	17.615845	3.0231%
1813	0.055101	18.148381	3.1039%
1812	0.053443	18.711688	3.2172%
1811	0.051777	19.313673	3.0969%
1810	0.050221	19.911801	2.9144%
1809	0.048799	20.492106	2.8225%
1808	0.047460	21.070488	2.9199%
1807	0.046113	21.685731	2.9918%
1806	0.044774	22.334522	3.0841%
1805	0.043434	23.023330	3.1822%
1804	0.042095	23.755977	3.2868%
1803	0.040755	24.536785	3.3985%
1802	0.039416	25.370664	3.5180%
1801	0.038076	26.263215	3.3999%
1800	0.036824	27.156151	2.8419%
1799	0.035806	27.927893	2.7485%
1798	0.034849	28.695479	2.8261%
1797	0.033891	29.506451	3.7832%
1796	0.032655	30.622742	2.1272%
1795	0.031975	31.274148	3.0879%
1794	0.031017	32.239875	3.1625%
1793	0.030067	33.259464	3.2904%
1792	0.029109	34.353839	3.4024%
1791	0.028151	35.522682	3.2296%
1790	0.027270	36.669910	41.3145%
1780	0.019298	51.819882	29.4353%
1770	0.014909	67.073228	83.4728%
1750	0.008126	123.061155	29.2845%

1740	0.006285	159.098940	94.2514%
1720	0.003236	309.051909	85.8111%
1700	0.001741	574.252690	19.2490%
1690	0.001460	684.790875	88.0250%
1670	0.000777	1287.578195	

BASE YEAR: 1946

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.037039	0.490909	8.2857%
2001	1.881172	0.531584	1.0000%
2000	1.862546	0.536900	1.0000%
1999	1.844105	0.542269	1.0000%
1998	1.825846	0.547691	1.0000%
1997	1.807769	0.553168	1.0000%
1996	1.789870	0.558700	1.0000%
1995	1.772149	0.564287	0.9992%
1994	1.754616	0.569925	1.0008%
1993	1.737230	0.575629	1.0000%
1992	1.720030	0.581385	0.9295%
1991	1.704189	0.586789	1.2505%
1990	1.683141	0.594127	0.7224%
1989	1.671069	0.598419	1.1077%
1988	1.652762	0.605048	0.8834%
1987	1.638290	0.610393	0.5594%
1986	1.629177	0.613807	1.3056%
1985	1.608180	0.621821	0.7673%
1984	1.595934	0.626592	0.8149%
1983	1.583034	0.631699	0.9737%
1982	1.567767	0.637850	0.9508%
1981	1.553001	0.643914	0.9031%
1980	1.539102	0.649729	2.2701%
1979	1.504939	0.664479	1.0042%
1978	1.489977	0.671151	0.9896%
1977	1.475377	0.677793	0.9103%
1976	1.462067	0.683963	0.8394%
1975	1.449896	0.689705	0.9042%
1974	1.436904	0.695941	1.1568%
1973	1.420472	0.703991	0.9427%
1972	1.407206	0.710628	0.7426%
1971	1.396833	0.715905	1.4697%
1970	1.376600	0.726427	0.6968%
1969	1.367074	0.731489	0.8565%
1968	1.355464	0.737755	1.5090%
1967	1.335314	0.748888	0.9949%
1966	1.322160	0.756338	1.0575%
1965	1.308325	0.764336	1.1300%
1964	1.293706	0.772973	1.5537%
1963	1.273913	0.784983	1.4658%
1962	1.255510	0.796489	1.5364%
1961	1.236512	0.808727	2.1586%
1960	1.210384	0.826184	-1.6655%

1959	1.230884	0.812424	4.3080%
1958	1.180048	0.847423	2.1130%
1957	1.155630	0.865329	1.9895%
1956	1.133087	0.882545	2.1231%
1955	1.109531	0.901282	1.4496%
1954	1.093676	0.914347	2.1573%
1953	1.070581	0.934072	1.2298%
1952	1.057576	0.945559	1.6814%
1951	1.040088	0.961457	1.6233%
1950	1.023474	0.977064	1.4265%
1949	1.009079	0.991002	1.7790%
1948	0.991441	1.008633	1.8242%
1947	0.973680	1.027032	-2.6320%
1946	1.000000	1.000000	3.1768%
1945	0.969210	1.031768	6.4754%
1944	0.910267	1.098579	-0.3437%
1943	0.913406	1.094804	0.6562%
1942	0.907451	1.101988	0.6633%
1941	0.901471	1.109298	-5.6614%
1940	0.955570	1.046495	8.0381%
1939	0.884475	1.130614	0.8126%
1938	0.877346	1.139802	0.7762%
1937	0.870588	1.148649	0.6029%
1936	0.865371	1.155574	0.5244%
1935	0.860856	1.161634	-3.0364%
1934	0.887814	1.126363	4.6271%
1933	0.848550	1.178481	1.3921%
1932	0.836900	1.194887	-0.2051%
1931	0.838619	1.192436	0.8886%
1930	0.831233	1.203032	1.0126%
1929	0.822901	1.215214	1.1526%
1928	0.813524	1.229220	1.2160%
1927	0.803750	1.244167	1.4086%
1926	0.792586	1.261693	1.7667%
1925	0.778827	1.283983	1.4465%
1924	0.767722	1.302556	1.7700%
1923	0.754369	1.325610	1.6165%
1922	0.742369	1.347039	1.3736%
1921	0.732310	1.365543	2.3393%
1920	0.715570	1.397487	1.3140%
1919	0.706289	1.415850	0.7676%
1918	0.700909	1.426719	0.3870%
1917	0.698207	1.432240	1.3274%
1916	0.689060	1.451252	1.4083%
1915	0.679491	1.471690	1.4458%
1914	0.669807	1.492968	1.9424%
1913	0.657045	1.521967	1.9857%
1912	0.644252	1.552188	1.5634%
1911	0.634335	1.576455	1.8169%
1910	0.623015	1.605098	1.8781%
1909	0.611530	1.635243	2.0082%
1908	0.599491	1.668082	1.9603%
1907	0.587965	1.700781	1.8264%

1906	0.577419	1.731843	1.9357%
1905	0.566455	1.765366	2.0148%
1904	0.555267	1.800935	2.1335%
1903	0.543668	1.839359	1.8151%
1902	0.533975	1.872746	1.8943%
1901	0.524048	1.908222	3.0255%
1900	0.508659	1.965955	0.6278%
1899	0.505485	1.978299	1.7757%
1898	0.496666	2.013426	1.8078%
1897	0.487847	2.049824	1.8396%
1896	0.479034	2.087533	1.8755%
1895	0.470215	2.126685	1.9114%
1894	0.461396	2.167334	1.9486%
1893	0.452577	2.209568	1.9858%
1892	0.443765	2.253445	2.0276%
1891	0.434946	2.299137	2.6465%
1890	0.423732	2.359984	1.5328%
1889	0.417335	2.396158	2.0811%
1888	0.408827	2.446025	2.1599%
1887	0.400183	2.498856	2.2075%
1886	0.391540	2.554019	2.2592%
1885	0.382890	2.611719	2.3095%
1884	0.374246	2.672037	2.3641%
1883	0.365603	2.735208	2.4214%
1882	0.356960	2.801438	2.4815%
1881	0.348316	2.870955	3.7644%
1880	0.335680	2.979029	0.9432%
1879	0.332543	3.007128	2.1464%
1878	0.325556	3.071672	2.1913%
1877	0.318575	3.138982	2.2426%
1876	0.311587	3.209377	2.2941%
1875	0.304599	3.283002	2.3456%
1874	0.297618	3.360008	2.4043%
1873	0.290631	3.440793	2.4635%
1872	0.283643	3.525559	2.5258%
1871	0.276655	3.614606	5.9947%
1870	0.261009	3.831290	-1.0968%
1869	0.263903	3.789269	2.1930%
1868	0.258240	3.872367	2.2394%
1867	0.252584	3.959085	2.2935%
1866	0.246921	4.049886	2.3445%
1865	0.241264	4.144835	2.4037%
1864	0.235601	4.244464	2.4599%
1863	0.229945	4.348873	2.5250%
1862	0.224282	4.458682	2.5872%
1861	0.218625	4.574039	2.9504%
1860	0.212360	4.708992	2.4012%
1859	0.207380	4.822066	2.7627%
1858	0.201805	4.955286	2.8412%
1857	0.196229	5.096076	2.9243%
1856	0.190654	5.245100	3.0161%
1855	0.185072	5.403299	3.1061%
1854	0.179497	5.571129	3.2056%

1853	0.173922	5.749718	3.3118%
1852	0.168346	5.940137	3.4252%
1851	0.162771	6.143600	4.0106%
1850	0.156495	6.389996	2.3254%
1849	0.152938	6.538586	2.7841%
1848	0.148796	6.720626	2.8590%
1847	0.144660	6.912770	2.9432%
1846	0.140524	7.116223	3.0324%
1845	0.136388	7.332016	3.1325%
1844	0.132246	7.561692	3.2284%
1843	0.128110	7.805811	3.3361%
1842	0.123974	8.066217	3.4512%
1841	0.119838	8.344598	3.8105%
1840	0.115439	8.662568	2.3861%
1839	0.112749	8.869261	2.5824%
1838	0.109911	9.098300	2.6573%
1837	0.107066	9.340071	2.7232%
1836	0.104227	9.594421	2.7994%
1835	0.101389	9.863011	2.8871%
1834	0.098544	10.147768	2.9657%
1833	0.095706	10.448718	3.0563%
1832	0.092867	10.768065	3.1604%
1831	0.090022	11.108382	3.4660%
1830	0.087006	11.493394	2.4653%
1829	0.084913	11.776741	2.6804%
1828	0.082697	12.092404	10.3427%
1827	0.074945	13.343079	-4.2314%
1826	0.078257	12.778476	2.9150%
1825	0.076040	13.150973	3.0026%
1824	0.073823	13.545839	3.0955%
1823	0.071607	13.965152	3.1944%
1822	0.069390	14.411253	3.3102%
1821	0.067167	14.888294	3.2277%
1820	0.065067	15.368849	2.6573%
1819	0.063382	15.777242	2.6261%
1818	0.061761	16.191569	2.6969%
1817	0.060139	16.628245	2.7717%
1816	0.058517	17.089127	2.8507%
1815	0.056895	17.576286	2.9343%
1814	0.055273	18.092034	3.0231%
1813	0.053651	18.638966	3.1039%
1812	0.052036	19.217500	3.2172%
1811	0.050414	19.835757	3.0969%
1810	0.048900	20.450054	2.9144%
1809	0.047515	21.046046	2.8225%
1808	0.046211	21.640063	2.9199%
1807	0.044900	22.271937	2.9918%
1806	0.043595	22.938265	3.0841%
1805	0.042291	23.645694	3.1822%
1804	0.040987	24.398145	3.2868%
1803	0.039682	25.200060	3.3985%
1802	0.038378	26.056480	3.5180%
1801	0.037074	26.973159	3.3999%

1800	0.035855	27.890232	2.8419%
1799	0.034864	28.682836	2.7485%
1798	0.033931	29.471171	2.8261%
1797	0.032999	30.304065	3.7832%
1796	0.031796	31.450531	2.1272%
1795	0.031134	32.119546	3.0879%
1794	0.030201	33.111378	3.1625%
1793	0.029275	34.158530	3.2904%
1792	0.028343	35.282487	3.4024%
1791	0.027410	36.482927	3.2296%
1790	0.026553	37.661166	41.3145%
1780	0.018790	53.220670	29.4353%
1770	0.014517	68.886341	83.4728%
1750	0.007912	126.387726	29.2845%
1740	0.006120	163.399680	94.2514%
1720	0.003151	317.406156	85.8111%
1700	0.001696	589.775807	19.2490%
1690	0.001422	703.302044	88.0250%
1670	0.000756	1322.383825	

BASE YEAR: 1945

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.101752	0.475794	8.2857%
2001	1.940933	0.515216	1.0000%
2000	1.921715	0.520368	1.0000%
1999	1.902688	0.525572	1.0000%
1998	1.883850	0.530828	1.0000%
1997	1.865198	0.536136	1.0000%
1996	1.846731	0.541497	1.0000%
1995	1.828446	0.546912	0.9992%
1994	1.810357	0.552377	1.0008%
1993	1.792419	0.557905	1.0000%
1992	1.774672	0.563484	0.9295%
1991	1.758328	0.568722	1.2505%
1990	1.736612	0.575834	0.7224%
1989	1.724155	0.579994	1.1077%
1988	1.705267	0.586419	0.8834%
1987	1.690335	0.591599	0.5594%
1986	1.680932	0.594908	1.3056%
1985	1.659268	0.602675	0.7673%
1984	1.646634	0.607299	0.8149%
1983	1.633323	0.612249	0.9737%
1982	1.617572	0.618210	0.9508%
1981	1.602337	0.624088	0.9031%
1980	1.587997	0.629724	2.2701%
1979	1.552748	0.644019	1.0042%
1978	1.537311	0.650487	0.9896%
1977	1.522247	0.656924	0.9103%
1976	1.508514	0.662904	0.8394%
1975	1.495956	0.668469	0.9042%
1974	1.482552	0.674513	1.1568%

1973	1.465598	0.682316	0.9427%
1972	1.451910	0.688748	0.7426%
1971	1.441208	0.693863	1.4697%
1970	1.420332	0.704061	0.6968%
1969	1.410504	0.708967	0.8565%
1968	1.398525	0.715039	1.5090%
1967	1.377734	0.725829	0.9949%
1966	1.364162	0.733051	1.0575%
1965	1.349887	0.740803	1.1300%
1964	1.334804	0.749174	1.5537%
1963	1.314383	0.760813	1.4658%
1962	1.295395	0.771965	1.5364%
1961	1.275793	0.783826	2.1586%
1960	1.248835	0.800746	-1.6655%
1959	1.269987	0.787410	4.3080%
1958	1.217535	0.821331	2.1130%
1957	1.192342	0.838686	1.9895%
1956	1.169083	0.855371	2.1231%
1955	1.144778	0.873532	1.4496%
1954	1.128420	0.886195	2.1573%
1953	1.104592	0.905312	1.2298%
1952	1.091173	0.916445	1.6814%
1951	1.073129	0.931854	1.6233%
1950	1.055988	0.946981	1.4265%
1949	1.041136	0.960490	1.7790%
1948	1.022937	0.977577	1.8242%
1947	1.004612	0.995410	-2.6320%
1946	1.031768	0.969210	3.1768%
1945	1.000000	1.000000	6.4754%
1944	0.939184	1.064754	-0.3437%
1943	0.942423	1.061095	0.6562%
1942	0.936279	1.068058	0.6633%
1941	0.930109	1.075142	-5.6614%
1940	0.985927	1.014274	8.0381%
1939	0.912573	1.095802	0.8126%
1938	0.905217	1.104707	0.7762%
1937	0.898245	1.113283	0.6029%
1936	0.892862	1.119994	0.5244%
1935	0.888204	1.125867	-3.0364%
1934	0.916018	1.091682	4.6271%
1933	0.875507	1.142195	1.3921%
1932	0.863486	1.158096	-0.2051%
1931	0.865261	1.155721	0.8886%
1930	0.857640	1.165991	1.0126%
1929	0.849042	1.177797	1.1526%
1928	0.839368	1.191373	1.2160%
1927	0.829284	1.205860	1.4086%
1926	0.817765	1.222845	1.7667%
1925	0.803568	1.244449	1.4465%
1924	0.792111	1.262450	1.7700%
1923	0.778334	1.284795	1.6165%
1922	0.765952	1.305564	1.3736%
1921	0.755574	1.323498	2.3393%

1920	0.738302	1.354459	1.3140%
1919	0.728727	1.372256	0.7676%
1918	0.723175	1.382790	0.3870%
1917	0.720388	1.388142	1.3274%
1916	0.710950	1.406568	1.4083%
1915	0.701077	1.426377	1.4458%
1914	0.691085	1.446999	1.9424%
1913	0.677918	1.475106	1.9857%
1912	0.664718	1.504396	1.5634%
1911	0.654486	1.527916	1.8169%
1910	0.642807	1.555677	1.8781%
1909	0.630957	1.584894	2.0082%
1908	0.618535	1.616722	1.9603%
1907	0.606644	1.648414	1.8264%
1906	0.595763	1.678520	1.9357%
1905	0.584450	1.711011	2.0148%
1904	0.572907	1.745485	2.1335%
1903	0.560939	1.782725	1.8151%
1902	0.550939	1.815084	1.8943%
1901	0.540696	1.849468	3.0255%
1900	0.524818	1.905424	0.6278%
1899	0.521543	1.917387	1.7757%
1898	0.512444	1.951433	1.8078%
1897	0.503345	1.986710	1.8396%
1896	0.494252	2.023258	1.8755%
1895	0.485153	2.061205	1.9114%
1894	0.476054	2.100602	1.9486%
1893	0.466955	2.141535	1.9858%
1892	0.457862	2.184062	2.0276%
1891	0.448763	2.228347	2.6465%
1890	0.437193	2.287320	1.5328%
1889	0.430593	2.322381	2.0811%
1888	0.421814	2.370713	2.1599%
1887	0.412896	2.421916	2.2075%
1886	0.403978	2.475381	2.2592%
1885	0.395053	2.531304	2.3095%
1884	0.386135	2.589766	2.3641%
1883	0.377217	2.650991	2.4214%
1882	0.368299	2.715182	2.4815%
1881	0.359381	2.782558	3.7644%
1880	0.346344	2.887305	0.9432%
1879	0.343107	2.914539	2.1464%
1878	0.335898	2.977096	2.1913%
1877	0.328695	3.042333	2.2426%
1876	0.321485	3.110561	2.2941%
1875	0.314276	3.181919	2.3456%
1874	0.307073	3.256554	2.4043%
1873	0.299863	3.334852	2.4635%
1872	0.292654	3.417007	2.5258%
1871	0.285444	3.503313	5.9947%
1870	0.269300	3.713325	-1.0968%
1869	0.272287	3.672598	2.1930%
1868	0.266444	3.753137	2.2394%

1867	0.260608	3.837185	2.2935%
1866	0.254765	3.925191	2.3445%
1865	0.248929	4.017216	2.4037%
1864	0.243086	4.113778	2.4599%
1863	0.237250	4.214972	2.5250%
1862	0.231406	4.321400	2.5872%
1861	0.225570	4.433205	2.9504%
1860	0.219106	4.564003	2.4012%
1859	0.213968	4.673595	2.7627%
1858	0.208216	4.802713	2.8412%
1857	0.202463	4.939168	2.9243%
1856	0.196711	5.083604	3.0161%
1855	0.190951	5.236932	3.1061%
1854	0.185199	5.399594	3.2056%
1853	0.179447	5.572685	3.3118%
1852	0.173694	5.757241	3.4252%
1851	0.167942	5.954439	4.0106%
1850	0.161466	6.193248	2.3254%
1849	0.157797	6.337264	2.7841%
1848	0.153523	6.513699	2.8590%
1847	0.149255	6.699926	2.9432%
1846	0.144988	6.897116	3.0324%
1845	0.140721	7.106264	3.1325%
1844	0.136447	7.328868	3.2284%
1843	0.132179	7.565471	3.3361%
1842	0.127912	7.817859	3.4512%
1841	0.123645	8.087668	3.8105%
1840	0.119106	8.395848	2.3861%
1839	0.116331	8.596177	2.5824%
1838	0.113402	8.818164	2.6573%
1837	0.110467	9.052492	2.7232%
1836	0.107538	9.299010	2.7994%
1835	0.104610	9.559330	2.8871%
1834	0.101674	9.835319	2.9657%
1833	0.098746	10.127004	3.0563%
1832	0.095817	10.436518	3.1604%
1831	0.092882	10.766356	3.4660%
1830	0.089771	11.139514	2.4653%
1829	0.087611	11.414136	2.6804%
1828	0.085324	11.720080	10.3427%
1827	0.077326	12.932248	-4.2314%
1826	0.080743	12.385028	2.9150%
1825	0.078456	12.746056	3.0026%
1824	0.076169	13.128765	3.0955%
1823	0.073882	13.535167	3.1944%
1822	0.071595	13.967533	3.3102%
1821	0.069301	14.429885	3.2277%
1820	0.067134	14.895644	2.6573%
1819	0.065396	15.291462	2.6261%
1818	0.063723	15.693033	2.6969%
1817	0.062049	16.116263	2.7717%
1816	0.060376	16.562955	2.8507%
1815	0.058702	17.035114	2.9343%

1814	0.057029	17.534983	3.0231%
1813	0.055355	18.065074	3.1039%
1812	0.053689	18.625795	3.2172%
1811	0.052016	19.225017	3.0969%
1810	0.050453	19.820399	2.9144%
1809	0.049024	20.398041	2.8225%
1808	0.047679	20.973768	2.9199%
1807	0.046326	21.586187	2.9918%
1806	0.044980	22.231999	3.0841%
1805	0.043635	22.917645	3.1822%
1804	0.042289	23.646929	3.2868%
1803	0.040943	24.424153	3.3985%
1802	0.039597	25.254204	3.5180%
1801	0.038252	26.142659	3.3999%
1800	0.036994	27.031495	2.8419%
1799	0.035972	27.799695	2.7485%
1798	0.035009	28.563757	2.8261%
1797	0.034047	29.371007	3.7832%
1796	0.032806	30.482173	2.1272%
1795	0.032123	31.130589	3.0879%
1794	0.031161	32.091883	3.1625%
1793	0.030205	33.106792	3.2904%
1792	0.029243	34.196143	3.4024%
1791	0.028281	35.359622	3.2296%
1790	0.027396	36.501583	41.3145%
1780	0.019387	51.582012	29.4353%
1770	0.014978	66.765339	83.4728%
1750	0.008164	122.496263	29.2845%
1740	0.006314	158.368623	94.2514%
1720	0.003251	307.633258	85.8111%
1700	0.001749	571.616680	19.2490%
1690	0.001467	681.647457	88.0250%
1670	0.000780	1281.667784	

BASE YEAR: 1944

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.237849	0.446858	8.2857%
2001	2.066616	0.483883	1.0000%
2000	2.046154	0.488722	1.0000%
1999	2.025895	0.493609	1.0000%
1998	2.005837	0.498545	1.0000%
1997	1.985977	0.503530	1.0000%
1996	1.966314	0.508566	1.0000%
1995	1.946846	0.513651	0.9992%
1994	1.927585	0.518784	1.0008%
1993	1.908485	0.523976	1.0000%
1992	1.889589	0.529216	0.9295%
1991	1.872187	0.534135	1.2505%
1990	1.849064	0.540814	0.7224%
1989	1.835802	0.544721	1.1077%
1988	1.815690	0.550755	0.8834%

1987	1.799791	0.555620	0.5594%
1986	1.789780	0.558728	1.3056%
1985	1.766713	0.566023	0.7673%
1984	1.753261	0.570366	0.8149%
1983	1.739088	0.575014	0.9737%
1982	1.722317	0.580613	0.9508%
1981	1.706095	0.586134	0.9031%
1980	1.690826	0.591427	2.2701%
1979	1.653295	0.604853	1.0042%
1978	1.636858	0.610927	0.9896%
1977	1.620818	0.616972	0.9103%
1976	1.606197	0.622589	0.8394%
1975	1.592826	0.627815	0.9042%
1974	1.578553	0.633492	1.1568%
1973	1.560501	0.640820	0.9427%
1972	1.545928	0.646861	0.7426%
1971	1.534532	0.651665	1.4697%
1970	1.512305	0.661242	0.6968%
1969	1.501840	0.665850	0.8565%
1968	1.489085	0.671553	1.5090%
1967	1.466948	0.681687	0.9949%
1966	1.452497	0.688469	1.0575%
1965	1.437298	0.695750	1.1300%
1964	1.421238	0.703612	1.5537%
1963	1.399495	0.714544	1.4658%
1962	1.379277	0.725017	1.5364%
1961	1.358406	0.736157	2.1586%
1960	1.329703	0.752048	-1.6655%
1959	1.352224	0.739523	4.3080%
1958	1.296376	0.771381	2.1130%
1957	1.269551	0.787680	1.9895%
1956	1.244786	0.803351	2.1231%
1955	1.218907	0.820407	1.4496%
1954	1.201490	0.832300	2.1573%
1953	1.176118	0.850255	1.2298%
1952	1.161831	0.860711	1.6814%
1951	1.142619	0.875182	1.6233%
1950	1.124367	0.889389	1.4265%
1949	1.108554	0.902076	1.7790%
1948	1.089177	0.918125	1.8242%
1947	1.069664	0.934873	-2.6320%
1946	1.098579	0.910267	3.1768%
1945	1.064754	0.939184	6.4754%
1944	1.000000	1.000000	-0.3437%
1943	1.003449	0.996563	0.6562%
1942	0.996907	1.003103	0.6633%
1941	0.990338	1.009756	-5.6614%
1940	1.049770	0.952590	8.0381%
1939	0.971666	1.029160	0.8126%
1938	0.963834	1.037523	0.7762%
1937	0.956410	1.045577	0.6029%
1936	0.950678	1.051881	0.5244%
1935	0.945719	1.057397	-3.0364%

1934	0.975334	1.025290	4.6271%
1933	0.932200	1.072732	1.3921%
1932	0.919400	1.087665	-0.2051%
1931	0.921290	1.085435	0.8886%
1930	0.913175	1.095080	1.0126%
1929	0.904021	1.106168	1.1526%
1928	0.893721	1.118918	1.2160%
1927	0.882983	1.132524	1.4086%
1926	0.870719	1.148477	1.7667%
1925	0.855603	1.168767	1.4465%
1924	0.843403	1.185673	1.7700%
1923	0.828735	1.206659	1.6165%
1922	0.815551	1.226165	1.3736%
1921	0.804500	1.243008	2.3393%
1920	0.786111	1.272086	1.3140%
1919	0.775915	1.288801	0.7676%
1918	0.770004	1.298694	0.3870%
1917	0.767036	1.303720	1.3274%
1916	0.756987	1.321026	1.4083%
1915	0.746475	1.339630	1.4458%
1914	0.735836	1.358999	1.9424%
1913	0.721816	1.385396	1.9857%
1912	0.707762	1.412905	1.5634%
1911	0.696867	1.434994	1.8169%
1910	0.684431	1.461067	1.8781%
1909	0.671814	1.488507	2.0082%
1908	0.658588	1.518400	1.9603%
1907	0.645926	1.548164	1.8264%
1906	0.634341	1.576439	1.9357%
1905	0.622295	1.606954	2.0148%
1904	0.610005	1.639331	2.1335%
1903	0.597262	1.674307	1.8151%
1902	0.586614	1.704698	1.8943%
1901	0.575708	1.736991	3.0255%
1900	0.558802	1.789544	0.6278%
1899	0.555315	1.800779	1.7757%
1898	0.545627	1.832755	1.8078%
1897	0.535938	1.865886	1.8396%
1896	0.526257	1.900211	1.8755%
1895	0.516569	1.935850	1.9114%
1894	0.506880	1.972852	1.9486%
1893	0.497192	2.011296	1.9858%
1892	0.487511	2.051236	2.0276%
1891	0.477822	2.092827	2.6465%
1890	0.465503	2.148214	1.5328%
1889	0.458475	2.181143	2.0811%
1888	0.449128	2.226535	2.1599%
1887	0.439633	2.274625	2.2075%
1886	0.430137	2.324838	2.2592%
1885	0.420635	2.377360	2.3095%
1884	0.411139	2.432266	2.3641%
1883	0.401644	2.489768	2.4214%
1882	0.392148	2.550055	2.4815%

1881	0.382653	2.613334	3.7644%
1880	0.368771	2.711710	0.9432%
1879	0.365325	2.737288	2.1464%
1878	0.357649	2.796041	2.1913%
1877	0.349979	2.857310	2.2426%
1876	0.342303	2.921389	2.2941%
1875	0.334626	2.988407	2.3456%
1874	0.326957	3.058503	2.4043%
1873	0.319281	3.132039	2.4635%
1872	0.311604	3.209198	2.5258%
1871	0.303928	3.290255	5.9947%
1870	0.286739	3.487495	-1.0968%
1869	0.289919	3.449245	2.1930%
1868	0.283697	3.524886	2.2394%
1867	0.277483	3.603822	2.2935%
1866	0.271262	3.686476	2.3445%
1865	0.265048	3.772905	2.4037%
1864	0.258826	3.863594	2.4599%
1863	0.252612	3.958634	2.5250%
1862	0.246391	4.058589	2.5872%
1861	0.240177	4.163595	2.9504%
1860	0.233294	4.286438	2.4012%
1859	0.227823	4.389366	2.7627%
1858	0.221698	4.510631	2.8412%
1857	0.215574	4.638787	2.9243%
1856	0.209449	4.774439	3.0161%
1855	0.203316	4.918443	3.1061%
1854	0.197192	5.071212	3.2056%
1853	0.191067	5.233776	3.3118%
1852	0.184942	5.407108	3.4252%
1851	0.178817	5.592314	4.0106%
1850	0.171922	5.816599	2.3254%
1849	0.168015	5.951857	2.7841%
1848	0.163464	6.117561	2.8590%
1847	0.158920	6.292463	2.9432%
1846	0.154377	6.477660	3.0324%
1845	0.149833	6.674089	3.1325%
1844	0.145282	6.883155	3.2284%
1843	0.140739	7.105368	3.3361%
1842	0.136195	7.342408	3.4512%
1841	0.131652	7.595808	3.8105%
1840	0.126819	7.885246	2.3861%
1839	0.123864	8.073392	2.5824%
1838	0.120746	8.281878	2.6573%
1837	0.117620	8.501955	2.7232%
1836	0.114502	8.733480	2.7994%
1835	0.111384	8.977969	2.8871%
1834	0.108258	9.237174	2.9657%
1833	0.105140	9.511119	3.0563%
1832	0.102022	9.801810	3.1604%
1831	0.098896	10.111588	3.4660%
1830	0.095584	10.462053	2.4653%
1829	0.093284	10.719974	2.6804%

1828	0.090849	11.007311	10.3427%
1827	0.082333	12.145759	-4.2314%
1826	0.085971	11.631819	2.9150%
1825	0.083536	11.970891	3.0026%
1824	0.081101	12.330325	3.0955%
1823	0.078666	12.712011	3.1944%
1822	0.076231	13.118082	3.3102%
1821	0.073788	13.552316	3.2277%
1820	0.071481	13.989749	2.6573%
1819	0.069631	14.361496	2.6261%
1818	0.067849	14.738644	2.6969%
1817	0.066067	15.136135	2.7717%
1816	0.064285	15.555661	2.8507%
1815	0.062503	15.999105	2.9343%
1814	0.060722	16.468574	3.0231%
1813	0.058940	16.966428	3.1039%
1812	0.057166	17.493048	3.2172%
1811	0.055384	18.055827	3.0969%
1810	0.053720	18.615000	2.9144%
1809	0.052199	19.157512	2.8225%
1808	0.050766	19.698226	2.9199%
1807	0.049326	20.273400	2.9918%
1806	0.047893	20.879936	3.0841%
1805	0.046460	21.523884	3.1822%
1804	0.045027	22.208816	3.2868%
1803	0.043594	22.938772	3.3985%
1802	0.042161	23.718343	3.5180%
1801	0.040729	24.552765	3.3999%
1800	0.039389	25.387546	2.8419%
1799	0.038301	26.109027	2.7485%
1798	0.037276	26.826622	2.8261%
1797	0.036252	27.584777	3.7832%
1796	0.034930	28.628367	2.1272%
1795	0.034203	29.237349	3.0879%
1794	0.033178	30.140181	3.1625%
1793	0.032161	31.093367	3.2904%
1792	0.031137	32.116468	3.4024%
1791	0.030112	33.209188	3.2296%
1790	0.029170	34.281700	41.3145%
1780	0.020642	48.444996	29.4353%
1770	0.015948	62.704934	83.4728%
1750	0.008692	115.046522	29.2845%
1740	0.006723	148.737266	94.2514%
1720	0.003461	288.924213	85.8111%
1700	0.001863	536.853200	19.2490%
1690	0.001562	640.192338	88.0250%
1670	0.000831	1203.721787	

BASE YEAR: 1943

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 2.230158 0.448399 8.2857%

2001	2.059514	0.485552	1.0000%
2000	2.039122	0.490407	1.0000%
1999	2.018933	0.495311	1.0000%
1998	1.998943	0.500264	1.0000%
1997	1.979152	0.505267	1.0000%
1996	1.959556	0.510320	1.0000%
1995	1.940155	0.515423	0.9992%
1994	1.920960	0.520573	1.0008%
1993	1.901926	0.525783	1.0000%
1992	1.883095	0.531041	0.9295%
1991	1.865753	0.535977	1.2505%
1990	1.842710	0.542679	0.7224%
1989	1.829492	0.546600	1.1077%
1988	1.809450	0.552654	0.8834%
1987	1.793606	0.557536	0.5594%
1986	1.783629	0.560655	1.3056%
1985	1.760641	0.567975	0.7673%
1984	1.747235	0.572333	0.8149%
1983	1.733111	0.576997	0.9737%
1982	1.716398	0.582616	0.9508%
1981	1.700232	0.588155	0.9031%
1980	1.685015	0.593467	2.2701%
1979	1.647613	0.606939	1.0042%
1978	1.631233	0.613033	0.9896%
1977	1.615248	0.619100	0.9103%
1976	1.600676	0.624736	0.8394%
1975	1.587352	0.629980	0.9042%
1974	1.573128	0.635676	1.1568%
1973	1.555138	0.643030	0.9427%
1972	1.540615	0.649092	0.7426%
1971	1.529258	0.653912	1.4697%
1970	1.507107	0.663523	0.6968%
1969	1.496678	0.668146	0.8565%
1968	1.483967	0.673869	1.5090%
1967	1.461907	0.684038	0.9949%
1966	1.447505	0.690844	1.0575%
1965	1.432359	0.698149	1.1300%
1964	1.416354	0.706038	1.5537%
1963	1.394685	0.717008	1.4658%
1962	1.374537	0.727518	1.5364%
1961	1.353738	0.738696	2.1586%
1960	1.325133	0.754641	-1.6655%
1959	1.347576	0.742073	4.3080%
1958	1.291921	0.774041	2.1130%
1957	1.265188	0.790397	1.9895%
1956	1.240508	0.806122	2.1231%
1955	1.214718	0.823236	1.4496%
1954	1.197361	0.835170	2.1573%
1953	1.172076	0.853187	1.2298%
1952	1.157838	0.863679	1.6814%
1951	1.138692	0.878200	1.6233%
1950	1.120503	0.892456	1.4265%
1949	1.104744	0.905187	1.7790%

1948	1.085433	0.921291	1.8242%
1947	1.065988	0.938097	-2.6320%
1946	1.094804	0.913406	3.1768%
1945	1.061095	0.942423	6.4754%
1944	0.996563	1.003449	-0.3437%
1943	1.000000	1.000000	0.6562%
1942	0.993481	1.006562	0.6633%
1941	0.986934	1.013239	-5.6614%
1940	1.046162	0.955875	8.0381%
1939	0.968327	1.032709	0.8126%
1938	0.960521	1.041101	0.7762%
1937	0.953123	1.049183	0.6029%
1936	0.947411	1.055508	0.5244%
1935	0.942469	1.061043	-3.0364%
1934	0.971982	1.028826	4.6271%
1933	0.928996	1.076431	1.3921%
1932	0.916241	1.091416	-0.2051%
1931	0.918124	1.089178	0.8886%
1930	0.910037	1.098856	1.0126%
1929	0.900915	1.109983	1.1526%
1928	0.890649	1.122777	1.2160%
1927	0.879949	1.136430	1.4086%
1926	0.867726	1.152437	1.7667%
1925	0.852662	1.172797	1.4465%
1924	0.840504	1.189762	1.7700%
1923	0.825886	1.210820	1.6165%
1922	0.812748	1.230393	1.3736%
1921	0.801735	1.247295	2.3393%
1920	0.783409	1.276473	1.3140%
1919	0.773248	1.293246	0.7676%
1918	0.767358	1.303173	0.3870%
1917	0.764400	1.308216	1.3274%
1916	0.754386	1.325582	1.4083%
1915	0.743909	1.344250	1.4458%
1914	0.733307	1.363685	1.9424%
1913	0.719335	1.390173	1.9857%
1912	0.705329	1.417778	1.5634%
1911	0.694472	1.439943	1.8169%
1910	0.682079	1.466106	1.8781%
1909	0.669505	1.493640	2.0082%
1908	0.656325	1.523636	1.9603%
1907	0.643706	1.553503	1.8264%
1906	0.632161	1.581876	1.9357%
1905	0.620157	1.612495	2.0148%
1904	0.607908	1.644985	2.1335%
1903	0.595209	1.680081	1.8151%
1902	0.584598	1.710577	1.8943%
1901	0.573730	1.742981	3.0255%
1900	0.556881	1.795715	0.6278%
1899	0.553407	1.806989	1.7757%
1898	0.543752	1.839075	1.8078%
1897	0.534096	1.872321	1.8396%
1896	0.524449	1.906764	1.8755%

1895	0.514794	1.942526	1.9114%
1894	0.505138	1.979656	1.9486%
1893	0.495483	2.018232	1.9858%
1892	0.485835	2.058310	2.0276%
1891	0.476180	2.100045	2.6465%
1890	0.463903	2.155623	1.5328%
1889	0.456900	2.188665	2.0811%
1888	0.447585	2.234214	2.1599%
1887	0.438122	2.282469	2.2075%
1886	0.428659	2.332856	2.2592%
1885	0.419189	2.385559	2.3095%
1884	0.409726	2.440654	2.3641%
1883	0.400263	2.498355	2.4214%
1882	0.390801	2.558849	2.4815%
1881	0.381338	2.622347	3.7644%
1880	0.367504	2.721062	0.9432%
1879	0.364070	2.746728	2.1464%
1878	0.356419	2.805683	2.1913%
1877	0.348777	2.867164	2.2426%
1876	0.341127	2.931463	2.2941%
1875	0.333476	2.998713	2.3456%
1874	0.325834	3.069050	2.4043%
1873	0.318184	3.142840	2.4635%
1872	0.310533	3.220266	2.5258%
1871	0.302883	3.301602	5.9947%
1870	0.285753	3.499522	-1.0968%
1869	0.288922	3.461140	2.1930%
1868	0.282722	3.537042	2.2394%
1867	0.276530	3.616251	2.2935%
1866	0.270329	3.699189	2.3445%
1865	0.264137	3.785916	2.4037%
1864	0.257937	3.876918	2.4599%
1863	0.251744	3.972285	2.5250%
1862	0.245544	4.072586	2.5872%
1861	0.239352	4.177954	2.9504%
1860	0.232492	4.301220	2.4012%
1859	0.227040	4.404503	2.7627%
1858	0.220937	4.526187	2.8412%
1857	0.214833	4.654785	2.9243%
1856	0.208729	4.790904	3.0161%
1855	0.202618	4.935404	3.1061%
1854	0.196514	5.088701	3.2056%
1853	0.190410	5.251826	3.3118%
1852	0.184306	5.425755	3.4252%
1851	0.178202	5.611599	4.0106%
1850	0.171331	5.836659	2.3254%
1849	0.167437	5.972382	2.7841%
1848	0.162902	6.138659	2.8590%
1847	0.158374	6.314164	2.9432%
1846	0.153846	6.499999	3.0324%
1845	0.149318	6.697106	3.1325%
1844	0.144783	6.906893	3.2284%
1843	0.140255	7.129872	3.3361%

1842	0.135727	7.367729	3.4512%
1841	0.131199	7.622003	3.8105%
1840	0.126383	7.912439	2.3861%
1839	0.123438	8.101234	2.5824%
1838	0.120331	8.310439	2.6573%
1837	0.117216	8.531275	2.7232%
1836	0.114108	8.763599	2.7994%
1835	0.111001	9.008930	2.8871%
1834	0.107886	9.269029	2.9657%
1833	0.104779	9.543919	3.0563%
1832	0.101671	9.835612	3.1604%
1831	0.098557	10.146459	3.4660%
1830	0.095255	10.498132	2.4653%
1829	0.092963	10.756943	2.6804%
1828	0.090536	11.045271	10.3427%
1827	0.082050	12.187645	-4.2314%
1826	0.085676	11.671933	2.9150%
1825	0.083249	12.012174	3.0026%
1824	0.080822	12.372847	3.0955%
1823	0.078395	12.755850	3.1944%
1822	0.075969	13.163321	3.3102%
1821	0.073535	13.599053	3.2277%
1820	0.071235	14.037995	2.6573%
1819	0.069391	14.411023	2.6261%
1818	0.067616	14.789472	2.6969%
1817	0.065840	15.188334	2.7717%
1816	0.064064	15.609306	2.8507%
1815	0.062289	16.054280	2.9343%
1814	0.060513	16.525368	3.0231%
1813	0.058737	17.024938	3.1039%
1812	0.056969	17.553375	3.2172%
1811	0.055193	18.118094	3.0969%
1810	0.053535	18.679196	2.9144%
1809	0.052019	19.223579	2.8225%
1808	0.050592	19.766157	2.9199%
1807	0.049156	20.343315	2.9918%
1806	0.047728	20.951943	3.0841%
1805	0.046300	21.598112	3.1822%
1804	0.044872	22.285405	3.2868%
1803	0.043444	23.017879	3.3985%
1802	0.042017	23.800138	3.5180%
1801	0.040589	24.637438	3.3999%
1800	0.039254	25.475098	2.8419%
1799	0.038169	26.199066	2.7485%
1798	0.037148	26.919136	2.8261%
1797	0.036127	27.679907	3.7832%
1796	0.034810	28.727095	2.1272%
1795	0.034085	29.338178	3.0879%
1794	0.033064	30.244123	3.1625%
1793	0.032051	31.200596	3.2904%
1792	0.031030	32.227226	3.4024%
1791	0.030009	33.323714	3.2296%
1790	0.029070	34.399924	41.3145%

1780	0.020571	48.612064	29.4353%
1770	0.015893	62.921179	83.4728%
1750	0.008662	115.443273	29.2845%
1740	0.006700	149.250203	94.2514%
1720	0.003449	289.920601	85.8111%
1700	0.001856	538.704599	19.2490%
1690	0.001557	642.400114	88.0250%
1670	0.000828	1207.872958	

BASE YEAR: 1942

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.244793	0.445475	8.2857%
2001	2.073029	0.482386	1.0000%
2000	2.052503	0.487210	1.0000%
1999	2.032182	0.492082	1.0000%
1998	2.012061	0.497003	1.0000%
1997	1.992140	0.501973	1.0000%
1996	1.972415	0.506993	1.0000%
1995	1.952887	0.512063	0.9992%
1994	1.933566	0.517179	1.0008%
1993	1.914407	0.522355	1.0000%
1992	1.895453	0.527579	0.9295%
1991	1.877996	0.532482	1.2505%
1990	1.854802	0.539141	0.7224%
1989	1.841498	0.543036	1.1077%
1988	1.821324	0.549051	0.8834%
1987	1.805376	0.553901	0.5594%
1986	1.795333	0.557000	1.3056%
1985	1.772195	0.564272	0.7673%
1984	1.758701	0.568602	0.8149%
1983	1.744484	0.573235	0.9737%
1982	1.727661	0.578817	0.9508%
1981	1.711389	0.584321	0.9031%
1980	1.696072	0.589597	2.2701%
1979	1.658425	0.602982	1.0042%
1978	1.641937	0.609037	0.9896%
1977	1.625848	0.615064	0.9103%
1976	1.611180	0.620663	0.8394%
1975	1.597768	0.625873	0.9042%
1974	1.583451	0.631532	1.1568%
1973	1.565343	0.638837	0.9427%
1972	1.550725	0.644860	0.7426%
1971	1.539293	0.649649	1.4697%
1970	1.516997	0.659197	0.6968%
1969	1.506500	0.663790	0.8565%
1968	1.493706	0.669476	1.5090%
1967	1.471500	0.679579	0.9949%
1966	1.457004	0.686340	1.0575%
1965	1.441758	0.693598	1.1300%
1964	1.425648	0.701435	1.5537%
1963	1.403837	0.712333	1.4658%

1962	1.383557	0.722775	1.5364%
1961	1.362621	0.733880	2.1586%
1960	1.333829	0.749722	-1.6655%
1959	1.356419	0.737235	4.3080%
1958	1.300398	0.768995	2.1130%
1957	1.273490	0.785244	1.9895%
1956	1.248648	0.800866	2.1231%
1955	1.222689	0.817869	1.4496%
1954	1.205218	0.829725	2.1573%
1953	1.179768	0.847624	1.2298%
1952	1.165436	0.858048	1.6814%
1951	1.146164	0.872475	1.6233%
1950	1.127856	0.886638	1.4265%
1949	1.111993	0.899286	1.7790%
1948	1.092556	0.915285	1.8242%
1947	1.072983	0.931981	-2.6320%
1946	1.101988	0.907451	3.1768%
1945	1.068058	0.936279	6.4754%
1944	1.003103	0.996907	-0.3437%
1943	1.006562	0.993481	0.6562%
1942	1.000000	1.000000	0.6633%
1941	0.993411	1.006633	-5.6614%
1940	1.053027	0.949643	8.0381%
1939	0.974681	1.025977	0.8126%
1938	0.966824	1.034314	0.7762%
1937	0.959377	1.042343	0.6029%
1936	0.953628	1.048627	0.5244%
1935	0.948653	1.054126	-3.0364%
1934	0.978360	1.022119	4.6271%
1933	0.935092	1.069413	1.3921%
1932	0.922253	1.084301	-0.2051%
1931	0.924149	1.082077	0.8886%
1930	0.916009	1.091692	1.0126%
1929	0.906827	1.102747	1.1526%
1928	0.896494	1.115457	1.2160%
1927	0.885723	1.129021	1.4086%
1926	0.873420	1.144924	1.7667%
1925	0.858258	1.165151	1.4465%
1924	0.846020	1.182005	1.7700%
1923	0.831306	1.202926	1.6165%
1922	0.818082	1.222372	1.3736%
1921	0.806996	1.239163	2.3393%
1920	0.788550	1.268151	1.3140%
1919	0.778323	1.284814	0.7676%
1918	0.772393	1.294677	0.3870%
1917	0.769416	1.299687	1.3274%
1916	0.759336	1.316940	1.4083%
1915	0.748791	1.335486	1.4458%
1914	0.738119	1.354795	1.9424%
1913	0.724055	1.381110	1.9857%
1912	0.709958	1.408534	1.5634%
1911	0.699029	1.430556	1.8169%
1910	0.686555	1.456548	1.8781%

1909	0.673899	1.483902	2.0082%
1908	0.660632	1.513703	1.9603%
1907	0.647931	1.543375	1.8264%
1906	0.636309	1.571563	1.9357%
1905	0.624226	1.601983	2.0148%
1904	0.611898	1.634260	2.1335%
1903	0.599115	1.669128	1.8151%
1902	0.588434	1.699425	1.8943%
1901	0.577495	1.731618	3.0255%
1900	0.560536	1.784008	0.6278%
1899	0.557038	1.795209	1.7757%
1898	0.547320	1.827085	1.8078%
1897	0.537601	1.860115	1.8396%
1896	0.527890	1.894333	1.8755%
1895	0.518172	1.929862	1.9114%
1894	0.508453	1.966749	1.9486%
1893	0.498735	2.005074	1.9858%
1892	0.489024	2.044891	2.0276%
1891	0.479305	2.086354	2.6465%
1890	0.466947	2.141569	1.5328%
1889	0.459898	2.174396	2.0811%
1888	0.450522	2.219648	2.1599%
1887	0.440997	2.267589	2.2075%
1886	0.431472	2.317647	2.2592%
1885	0.421940	2.370006	2.3095%
1884	0.412415	2.424742	2.3641%
1883	0.402890	2.482067	2.4214%
1882	0.393365	2.542167	2.4815%
1881	0.383840	2.605250	3.7644%
1880	0.369915	2.703322	0.9432%
1879	0.366459	2.728821	2.1464%
1878	0.358758	2.787392	2.1913%
1877	0.351065	2.848472	2.2426%
1876	0.343365	2.912352	2.2941%
1875	0.335665	2.979163	2.3456%
1874	0.327972	3.049042	2.4043%
1873	0.320272	3.122351	2.4635%
1872	0.312571	3.199271	2.5258%
1871	0.304871	3.280077	5.9947%
1870	0.287628	3.476707	-1.0968%
1869	0.290818	3.438575	2.1930%
1868	0.284577	3.513982	2.2394%
1867	0.278344	3.592675	2.2935%
1866	0.272103	3.675073	2.3445%
1865	0.265870	3.761234	2.4037%
1864	0.259630	3.851642	2.4599%
1863	0.253396	3.946388	2.5250%
1862	0.247156	4.046035	2.5872%
1861	0.240922	4.150716	2.9504%
1860	0.234018	4.273179	2.4012%
1859	0.228530	4.375788	2.7627%
1858	0.222386	4.496678	2.8412%
1857	0.216242	4.624438	2.9243%

1856	0.210099	4.759670	3.0161%
1855	0.203947	4.903228	3.1061%
1854	0.197803	5.055525	3.2056%
1853	0.191659	5.217587	3.3118%
1852	0.185516	5.390382	3.4252%
1851	0.179372	5.575015	4.0106%
1850	0.172455	5.798607	2.3254%
1849	0.168536	5.933446	2.7841%
1848	0.163971	6.098638	2.8590%
1847	0.159413	6.272999	2.9432%
1846	0.154856	6.457623	3.0324%
1845	0.150298	6.653444	3.1325%
1844	0.145733	6.861864	3.2284%
1843	0.141175	7.083389	3.3361%
1842	0.136618	7.319695	3.4512%
1841	0.132060	7.572312	3.8105%
1840	0.127213	7.860854	2.3861%
1839	0.124248	8.048418	2.5824%
1838	0.121120	8.256260	2.6573%
1837	0.117985	8.475655	2.7232%
1836	0.114857	8.706465	2.7994%
1835	0.111729	8.950197	2.8871%
1834	0.108594	9.208600	2.9657%
1833	0.105466	9.481698	3.0563%
1832	0.102339	9.771490	3.1604%
1831	0.099203	10.080310	3.4660%
1830	0.095880	10.429690	2.4653%
1829	0.093573	10.686813	2.6804%
1828	0.091131	10.973262	10.3427%
1827	0.082589	12.108188	-4.2314%
1826	0.086238	11.595838	2.9150%
1825	0.083795	11.933861	3.0026%
1824	0.081353	12.292183	3.0955%
1823	0.078910	12.672689	3.1944%
1822	0.076467	13.077504	3.3102%
1821	0.074017	13.510394	3.2277%
1820	0.071703	13.946475	2.6573%
1819	0.069847	14.317071	2.6261%
1818	0.068059	14.693053	2.6969%
1817	0.066272	15.089314	2.7717%
1816	0.064485	15.507542	2.8507%
1815	0.062697	15.949615	2.9343%
1814	0.060910	16.417632	3.0231%
1813	0.059123	16.913945	3.1039%
1812	0.057343	17.438936	3.2172%
1811	0.055556	17.999974	3.0969%
1810	0.053887	18.557418	2.9144%
1809	0.052361	19.098252	2.8225%
1808	0.050924	19.637293	2.9199%
1807	0.049479	20.210688	2.9918%
1806	0.048041	20.815348	3.0841%
1805	0.046604	21.457304	3.1822%
1804	0.045167	22.140117	3.2868%

1803	0.043730	22.867815	3.3985%
1802	0.042292	23.644974	3.5180%
1801	0.040855	24.476815	3.3999%
1800	0.039512	25.309014	2.8419%
1799	0.038420	26.028263	2.7485%
1798	0.037392	26.743639	2.8261%
1797	0.036364	27.499449	3.7832%
1796	0.035039	28.539811	2.1272%
1795	0.034309	29.146909	3.0879%
1794	0.033281	30.046948	3.1625%
1793	0.032261	30.997186	3.2904%
1792	0.031233	32.017122	3.4024%
1791	0.030206	33.106462	3.2296%
1790	0.029261	34.175656	41.3145%
1780	0.020706	48.295141	29.4353%
1770	0.015997	62.510967	83.4728%
1750	0.008719	114.690647	29.2845%
1740	0.006744	148.277174	94.2514%
1720	0.003472	288.030478	85.8111%
1700	0.001868	535.192543	19.2490%
1690	0.001567	638.212020	88.0250%
1670	0.000833	1199.998293	

BASE YEAR: 1941

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.259683	0.442540	8.2857%
2001	2.086779	0.479207	1.0000%
2000	2.066118	0.484000	1.0000%
1999	2.045661	0.488840	1.0000%
1998	2.025407	0.493728	1.0000%
1997	2.005353	0.498665	1.0000%
1996	1.985499	0.503652	1.0000%
1995	1.965840	0.508688	0.9992%
1994	1.946391	0.513771	1.0008%
1993	1.927105	0.518913	1.0000%
1992	1.908025	0.524102	0.9295%
1991	1.890453	0.528974	1.2505%
1990	1.867105	0.535589	0.7224%
1989	1.853713	0.539458	1.1077%
1988	1.833405	0.545433	0.8834%
1987	1.817351	0.550252	0.5594%
1986	1.807242	0.553329	1.3056%
1985	1.783950	0.560554	0.7673%
1984	1.770366	0.564855	0.8149%
1983	1.756055	0.569458	0.9737%
1982	1.739121	0.575003	0.9508%
1981	1.722741	0.580470	0.9031%
1980	1.707322	0.585712	2.2701%
1979	1.669425	0.599009	1.0042%
1978	1.652828	0.605024	0.9896%
1977	1.636632	0.611011	0.9103%

1976	1.621867	0.616573	0.8394%
1975	1.608366	0.621749	0.9042%
1974	1.593954	0.627371	1.1568%
1973	1.575726	0.634628	0.9427%
1972	1.561011	0.640611	0.7426%
1971	1.549503	0.645368	1.4697%
1970	1.527060	0.654853	0.6968%
1969	1.516492	0.659416	0.8565%
1968	1.503613	0.665065	1.5090%
1967	1.481261	0.675101	0.9949%
1966	1.466669	0.681817	1.0575%
1965	1.451321	0.689027	1.1300%
1964	1.435104	0.696813	1.5537%
1963	1.413149	0.707640	1.4658%
1962	1.392734	0.718012	1.5364%
1961	1.371659	0.729044	2.1586%
1960	1.342676	0.744781	-1.6655%
1959	1.365417	0.732377	4.3080%
1958	1.309024	0.763928	2.1130%
1957	1.281937	0.780069	1.9895%
1956	1.256931	0.795589	2.1231%
1955	1.230800	0.812480	1.4496%
1954	1.213213	0.824258	2.1573%
1953	1.187593	0.842039	1.2298%
1952	1.173166	0.852394	1.6814%
1951	1.153767	0.866726	1.6233%
1950	1.135337	0.880795	1.4265%
1949	1.119369	0.893360	1.7790%
1948	1.099803	0.909254	1.8242%
1947	1.080100	0.925840	-2.6320%
1946	1.109298	0.901471	3.1768%
1945	1.075142	0.930109	6.4754%
1944	1.009756	0.990338	-0.3437%
1943	1.013239	0.986934	0.6562%
1942	1.006633	0.993411	0.6633%
1941	1.000000	1.000000	-5.6614%
1940	1.060012	0.943386	8.0381%
1939	0.981146	1.019216	0.8126%
1938	0.973237	1.027499	0.7762%
1937	0.965741	1.035474	0.6029%
1936	0.959954	1.041717	0.5244%
1935	0.954946	1.047180	-3.0364%
1934	0.984850	1.015384	4.6271%
1933	0.941295	1.062367	1.3921%
1932	0.928371	1.077156	-0.2051%
1931	0.930278	1.074947	0.8886%
1930	0.922085	1.084499	1.0126%
1929	0.912842	1.095480	1.1526%
1928	0.902440	1.108107	1.2160%
1927	0.891598	1.121581	1.4086%
1926	0.879214	1.137380	1.7667%
1925	0.863951	1.157474	1.4465%
1924	0.851632	1.174217	1.7700%

1923	0.836820	1.195000	1.6165%
1922	0.823508	1.214317	1.3736%
1921	0.812349	1.230998	2.3393%
1920	0.793780	1.259795	1.3140%
1919	0.783485	1.276348	0.7676%
1918	0.777517	1.286146	0.3870%
1917	0.774519	1.291123	1.3274%
1916	0.764373	1.308262	1.4083%
1915	0.753758	1.326686	1.4458%
1914	0.743015	1.345868	1.9424%
1913	0.728858	1.372010	1.9857%
1912	0.714667	1.399253	1.5634%
1911	0.703666	1.421129	1.8169%
1910	0.691109	1.446950	1.8781%
1909	0.678369	1.474124	2.0082%
1908	0.665014	1.503728	1.9603%
1907	0.652228	1.533205	1.8264%
1906	0.640530	1.561207	1.9357%
1905	0.628367	1.591427	2.0148%
1904	0.615956	1.623492	2.1335%
1903	0.603089	1.658129	1.8151%
1902	0.592337	1.688227	1.8943%
1901	0.581325	1.720208	3.0255%
1900	0.564254	1.772253	0.6278%
1899	0.560733	1.783379	1.7757%
1898	0.550950	1.815046	1.8078%
1897	0.541167	1.847858	1.8396%
1896	0.531392	1.881851	1.8755%
1895	0.521609	1.917146	1.9114%
1894	0.511826	1.953790	1.9486%
1893	0.502043	1.991862	1.9858%
1892	0.492267	2.031417	2.0276%
1891	0.482484	2.072606	2.6465%
1890	0.470045	2.127458	1.5328%
1889	0.462948	2.160068	2.0811%
1888	0.453510	2.205022	2.1599%
1887	0.443922	2.252647	2.2075%
1886	0.434334	2.302375	2.2592%
1885	0.424739	2.354389	2.3095%
1884	0.415150	2.408765	2.3641%
1883	0.405562	2.465712	2.4214%
1882	0.395974	2.525416	2.4815%
1881	0.386386	2.588084	3.7644%
1880	0.372369	2.685509	0.9432%
1879	0.368889	2.710840	2.1464%
1878	0.361138	2.769025	2.1913%
1877	0.353394	2.829702	2.2426%
1876	0.345643	2.893162	2.2941%
1875	0.337891	2.959532	2.3456%
1874	0.330147	3.028951	2.4043%
1873	0.322396	3.101776	2.4635%
1872	0.314644	3.178190	2.5258%
1871	0.306893	3.258464	5.9947%

1870	0.289536	3.453798	-1.0968%
1869	0.292747	3.415918	2.1930%
1868	0.286465	3.490828	2.2394%
1867	0.280190	3.569001	2.2935%
1866	0.273908	3.650857	2.3445%
1865	0.267634	3.736450	2.4037%
1864	0.261352	3.826263	2.4599%
1863	0.255077	3.920384	2.5250%
1862	0.248795	4.019374	2.5872%
1861	0.242520	4.123366	2.9504%
1860	0.235570	4.245022	2.4012%
1859	0.230046	4.346955	2.7627%
1858	0.223861	4.467048	2.8412%
1857	0.217677	4.593966	2.9243%
1856	0.211492	4.728307	3.0161%
1855	0.205300	4.870919	3.1061%
1854	0.199115	5.022213	3.2056%
1853	0.192931	5.183206	3.3118%
1852	0.186746	5.354863	3.4252%
1851	0.180561	5.538279	4.0106%
1850	0.173599	5.760398	2.3254%
1849	0.169654	5.894348	2.7841%
1848	0.165059	6.058452	2.8590%
1847	0.160471	6.231664	2.9432%
1846	0.155883	6.415072	3.0324%
1845	0.151295	6.609603	3.1325%
1844	0.146700	6.816649	3.2284%
1843	0.142112	7.036715	3.3361%
1842	0.137524	7.271464	3.4512%
1841	0.132936	7.522416	3.8105%
1840	0.128056	7.809057	2.3861%
1839	0.125072	7.995385	2.5824%
1838	0.121924	8.201857	2.6573%
1837	0.118768	8.419807	2.7232%
1836	0.115619	8.649096	2.7994%
1835	0.112470	8.891222	2.8871%
1834	0.109314	9.147922	2.9657%
1833	0.106166	9.419220	3.0563%
1832	0.103017	9.707102	3.1604%
1831	0.099861	10.013888	3.4660%
1830	0.096516	10.360966	2.4653%
1829	0.094194	10.616395	2.6804%
1828	0.091735	10.900956	10.3427%
1827	0.083137	12.028404	-4.2314%
1826	0.086810	11.519430	2.9150%
1825	0.084351	11.855226	3.0026%
1824	0.081892	12.211186	3.0955%
1823	0.079433	12.589185	3.1944%
1822	0.076974	12.991332	3.3102%
1821	0.074508	13.421370	3.2277%
1820	0.072178	13.854577	2.6573%
1819	0.070310	14.222732	2.6261%
1818	0.068511	14.596236	2.6969%

1817	0.066712	14.989887	2.7717%
1816	0.064912	15.405359	2.8507%
1815	0.063113	15.844518	2.9343%
1814	0.061314	16.309451	3.0231%
1813	0.059515	16.802494	3.1039%
1812	0.057723	17.324026	3.2172%
1811	0.055924	17.881367	3.0969%
1810	0.054244	18.435138	2.9144%
1809	0.052708	18.972408	2.8225%
1808	0.051261	19.507897	2.9199%
1807	0.049807	20.077514	2.9918%
1806	0.048360	20.678189	3.0841%
1805	0.046913	21.315916	3.1822%
1804	0.045466	21.994229	3.2868%
1803	0.044020	22.717132	3.3985%
1802	0.042573	23.489171	3.5180%
1801	0.041126	24.315530	3.3999%
1800	0.039774	25.142246	2.8419%
1799	0.038675	25.856755	2.7485%
1798	0.037640	26.567417	2.8261%
1797	0.036606	27.318247	3.7832%
1796	0.035271	28.351753	2.1272%
1795	0.034537	28.954851	3.0879%
1794	0.033502	29.848959	3.1625%
1793	0.032475	30.792936	3.2904%
1792	0.031440	31.806152	3.4024%
1791	0.030406	32.888314	3.2296%
1790	0.029455	33.950463	41.3145%
1780	0.020843	47.976910	29.4353%
1770	0.016103	62.099064	83.4728%
1750	0.008777	113.934916	29.2845%
1740	0.006789	147.300133	94.2514%
1720	0.003495	286.132561	85.8111%
1700	0.001881	531.666002	19.2490%
1690	0.001577	634.006654	88.0250%
1670	0.000839	1192.091153	

BASE YEAR: 1940

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.131752	0.469098	8.2857%
2001	1.968638	0.507966	1.0000%
2000	1.949146	0.513045	1.0000%
1999	1.929847	0.518176	1.0000%
1998	1.910740	0.523357	1.0000%
1997	1.891822	0.528591	1.0000%
1996	1.873091	0.533877	1.0000%
1995	1.854545	0.539216	0.9992%
1994	1.836198	0.544604	1.0008%
1993	1.818004	0.550054	1.0000%
1992	1.800004	0.555554	0.9295%
1991	1.783427	0.560718	1.2505%

1990	1.761400	0.567730	0.7224%
1989	1.748766	0.571832	1.1077%
1988	1.729608	0.578166	0.8834%
1987	1.714463	0.583273	0.5594%
1986	1.704926	0.586536	1.3056%
1985	1.682953	0.594194	0.7673%
1984	1.670138	0.598753	0.8149%
1983	1.656638	0.603632	0.9737%
1982	1.640662	0.609510	0.9508%
1981	1.625209	0.615305	0.9031%
1980	1.610664	0.620862	2.2701%
1979	1.574912	0.634956	1.0042%
1978	1.559254	0.641332	0.9896%
1977	1.543975	0.647679	0.9103%
1976	1.530047	0.653575	0.8394%
1975	1.517310	0.659061	0.9042%
1974	1.503713	0.665020	1.1568%
1973	1.486518	0.672713	0.9427%
1972	1.472635	0.679055	0.7426%
1971	1.461779	0.684098	1.4697%
1970	1.440606	0.694152	0.6968%
1969	1.430637	0.698989	0.8565%
1968	1.418487	0.704976	1.5090%
1967	1.397400	0.715615	0.9949%
1966	1.383634	0.722734	1.0575%
1965	1.369156	0.730377	1.1300%
1964	1.353857	0.738630	1.5537%
1963	1.333145	0.750106	1.4658%
1962	1.313885	0.761101	1.5364%
1961	1.294004	0.772795	2.1586%
1960	1.266661	0.789477	-1.6655%
1959	1.288115	0.776328	4.3080%
1958	1.234915	0.809773	2.1130%
1957	1.209361	0.826883	1.9895%
1956	1.185770	0.843334	2.1231%
1955	1.161119	0.861238	1.4496%
1954	1.144527	0.873723	2.1573%
1953	1.120359	0.892571	1.2298%
1952	1.106748	0.903548	1.6814%
1951	1.088447	0.918740	1.6233%
1950	1.071061	0.933654	1.4265%
1949	1.055997	0.946972	1.7790%
1948	1.037539	0.963820	1.8242%
1947	1.018951	0.981401	-2.6320%
1946	1.046495	0.955570	3.1768%
1945	1.014274	0.985927	6.4754%
1944	0.952590	1.049770	-0.3437%
1943	0.955875	1.046162	0.6562%
1942	0.949643	1.053027	0.6633%
1941	0.943386	1.060012	-5.6614%
1940	1.000000	1.000000	8.0381%
1939	0.925599	1.080381	0.8126%
1938	0.918138	1.089161	0.7762%

1937	0.911066	1.097615	0.6029%
1936	0.905606	1.104232	0.5244%
1935	0.900882	1.110023	-3.0364%
1934	0.929093	1.076319	4.6271%
1933	0.888004	1.126121	1.3921%
1932	0.875812	1.141798	-0.2051%
1931	0.877611	1.139456	0.8886%
1930	0.869882	1.149582	1.0126%
1929	0.861162	1.161222	1.1526%
1928	0.851349	1.174606	1.2160%
1927	0.841121	1.188889	1.4086%
1926	0.829438	1.205636	1.7667%
1925	0.815039	1.226936	1.4465%
1924	0.803417	1.244683	1.7700%
1923	0.789444	1.266714	1.6165%
1922	0.776886	1.287191	1.3736%
1921	0.766359	1.304872	2.3393%
1920	0.748841	1.335397	1.3140%
1919	0.739129	1.352944	0.7676%
1918	0.733498	1.363330	0.3870%
1917	0.730670	1.368606	1.3274%
1916	0.721098	1.386773	1.4083%
1915	0.711084	1.406303	1.4458%
1914	0.700950	1.426636	1.9424%
1913	0.687594	1.454346	1.9857%
1912	0.674207	1.483225	1.5634%
1911	0.663828	1.506414	1.8169%
1910	0.651982	1.533784	1.8781%
1909	0.639963	1.562589	2.0082%
1908	0.627364	1.593970	1.9603%
1907	0.615303	1.625216	1.8264%
1906	0.604267	1.654898	1.9357%
1905	0.592792	1.686931	2.0148%
1904	0.581084	1.720920	2.1335%
1903	0.568946	1.757637	1.8151%
1902	0.558803	1.789540	1.8943%
1901	0.548414	1.823440	3.0255%
1900	0.532309	1.878609	0.6278%
1899	0.528988	1.890403	1.7757%
1898	0.519759	1.923970	1.8078%
1897	0.510529	1.958751	1.8396%
1896	0.501307	1.994784	1.8755%
1895	0.492078	2.032197	1.9114%
1894	0.482849	2.071040	1.9486%
1893	0.473620	2.111397	1.9858%
1892	0.464398	2.153326	2.0276%
1891	0.455169	2.196987	2.6465%
1890	0.443433	2.255131	1.5328%
1889	0.436739	2.289698	2.0811%
1888	0.427835	2.337349	2.1599%
1887	0.418790	2.387832	2.2075%
1886	0.409745	2.440545	2.2592%
1885	0.400692	2.495681	2.3095%

1884	0.391647	2.553319	2.3641%
1883	0.382602	2.613683	2.4214%
1882	0.373557	2.676971	2.4815%
1881	0.364511	2.743399	3.7644%
1880	0.351287	2.846671	0.9432%
1879	0.348005	2.873522	2.1464%
1878	0.340692	2.935199	2.1913%
1877	0.333387	2.999518	2.2426%
1876	0.326074	3.066785	2.2941%
1875	0.318762	3.137139	2.3456%
1874	0.311456	3.210724	2.4043%
1873	0.304144	3.287920	2.4635%
1872	0.296831	3.368919	2.5258%
1871	0.289519	3.454010	5.9947%
1870	0.273144	3.661067	-1.0968%
1869	0.276173	3.620913	2.1930%
1868	0.270247	3.700319	2.2394%
1867	0.264328	3.783184	2.2935%
1866	0.258401	3.869951	2.3445%
1865	0.252482	3.960681	2.4037%
1864	0.246555	4.055884	2.4599%
1863	0.240636	4.155654	2.5250%
1862	0.234710	4.260584	2.5872%
1861	0.228790	4.370816	2.9504%
1860	0.222233	4.499773	2.4012%
1859	0.217022	4.607823	2.7627%
1858	0.211188	4.735124	2.8412%
1857	0.205353	4.869659	2.9243%
1856	0.199519	5.012061	3.0161%
1855	0.193677	5.163232	3.1061%
1854	0.187843	5.323605	3.2056%
1853	0.182008	5.494260	3.3118%
1852	0.176174	5.676218	3.4252%
1851	0.170339	5.870642	4.0106%
1850	0.163771	6.106090	2.3254%
1849	0.160049	6.248079	2.7841%
1848	0.155714	6.422031	2.8590%
1847	0.151386	6.605637	2.9432%
1846	0.147058	6.800052	3.0324%
1845	0.142730	7.006257	3.1325%
1844	0.138394	7.225728	3.2284%
1843	0.134066	7.459001	3.3361%
1842	0.129738	7.707837	3.4512%
1841	0.125410	7.973850	3.8105%
1840	0.120807	8.277692	2.3861%
1839	0.117991	8.475202	2.5824%
1838	0.115021	8.694065	2.6573%
1837	0.112044	8.925095	2.7232%
1836	0.109073	9.168143	2.7994%
1835	0.106103	9.424800	2.8871%
1834	0.103126	9.696905	2.9657%
1833	0.100155	9.984485	3.0563%
1832	0.097185	10.289643	3.1604%

1831	0.094208	10.614839	3.4660%
1830	0.091052	10.982746	2.4653%
1829	0.088861	11.253504	2.6804%
1828	0.086542	11.555142	10.3427%
1827	0.078430	12.750250	-4.2314%
1826	0.081895	12.210732	2.9150%
1825	0.079576	12.566679	3.0026%
1824	0.077256	12.944002	3.0955%
1823	0.074936	13.344684	3.1944%
1822	0.072617	13.770966	3.3102%
1821	0.070290	14.226811	3.2277%
1820	0.068092	14.686015	2.6573%
1819	0.066329	15.076263	2.6261%
1818	0.064632	15.472182	2.6969%
1817	0.062935	15.889457	2.7717%
1816	0.061238	16.329862	2.8507%
1815	0.059540	16.795376	2.9343%
1814	0.057843	17.288211	3.0231%
1813	0.056146	17.810842	3.1039%
1812	0.054455	18.363672	3.2172%
1811	0.052758	18.954460	3.0969%
1810	0.051173	19.541464	2.9144%
1809	0.049724	20.110976	2.8225%
1808	0.048359	20.678601	2.9199%
1807	0.046987	21.282401	2.9918%
1806	0.045622	21.919125	3.0841%
1805	0.044257	22.595122	3.1822%
1804	0.042892	23.314142	3.2868%
1803	0.041528	24.080428	3.3985%
1802	0.040163	24.898798	3.5180%
1801	0.038798	25.774749	3.3999%
1800	0.037522	26.651077	2.8419%
1799	0.036485	27.408466	2.7485%
1798	0.035509	28.161775	2.8261%
1797	0.034533	28.957664	3.7832%
1796	0.033274	30.053193	2.1272%
1795	0.032581	30.692484	3.0879%
1794	0.031605	31.640249	3.1625%
1793	0.030636	32.640876	3.2904%
1792	0.029660	33.714896	3.4024%
1791	0.028685	34.862000	3.2296%
1790	0.027787	35.987891	41.3145%
1780	0.019663	50.856090	29.4353%
1770	0.015192	65.825741	83.4728%
1750	0.008280	120.772356	29.2845%
1740	0.006405	156.139879	94.2514%
1720	0.003297	303.303891	85.8111%
1700	0.001774	563.572236	19.2490%
1690	0.001488	672.054534	88.0250%
1670	0.000791	1263.630688	

BASE YEAR: 1939

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.303105	0.434196	8.2857%
2001	2.126879	0.470173	1.0000%
2000	2.105820	0.474874	1.0000%
1999	2.084971	0.479623	1.0000%
1998	2.064327	0.484419	1.0000%
1997	2.043889	0.489263	1.0000%
1996	2.023652	0.494156	1.0000%
1995	2.003616	0.499098	0.9992%
1994	1.983793	0.504085	1.0008%
1993	1.964137	0.509130	1.0000%
1992	1.944690	0.514221	0.9295%
1991	1.926780	0.519001	1.2505%
1990	1.902983	0.525491	0.7224%
1989	1.889334	0.529287	1.1077%
1988	1.868635	0.535150	0.8834%
1987	1.852273	0.539877	0.5594%
1986	1.841970	0.542897	1.3056%
1985	1.818230	0.549985	0.7673%
1984	1.804386	0.554205	0.8149%
1983	1.789800	0.558722	0.9737%
1982	1.772540	0.564162	0.9508%
1981	1.755845	0.569526	0.9031%
1980	1.740131	0.574670	2.2701%
1979	1.701505	0.587715	1.0042%
1978	1.684589	0.593617	0.9896%
1977	1.668081	0.599491	0.9103%
1976	1.653033	0.604948	0.8394%
1975	1.639273	0.610027	0.9042%
1974	1.624584	0.615542	1.1568%
1973	1.606006	0.622663	0.9427%
1972	1.591007	0.628533	0.7426%
1971	1.579279	0.633200	1.4697%
1970	1.556404	0.642507	0.6968%
1969	1.545633	0.646984	0.8565%
1968	1.532507	0.652526	1.5090%
1967	1.509725	0.662372	0.9949%
1966	1.494852	0.668962	1.0575%
1965	1.479210	0.676037	1.1300%
1964	1.462681	0.683676	1.5537%
1963	1.440304	0.694298	1.4658%
1962	1.419497	0.704475	1.5364%
1961	1.398017	0.715299	2.1586%
1960	1.368477	0.730739	-1.6655%
1959	1.391655	0.718569	4.3080%
1958	1.334178	0.749525	2.1130%
1957	1.306571	0.765362	1.9895%
1956	1.281084	0.780589	2.1231%
1955	1.254451	0.797162	1.4496%
1954	1.236526	0.808717	2.1573%
1953	1.210414	0.826164	1.2298%
1952	1.195710	0.836323	1.6814%

1951	1.175938	0.850385	1.6233%
1950	1.157154	0.864189	1.4265%
1949	1.140879	0.876517	1.7790%
1948	1.120937	0.892111	1.8242%
1947	1.100856	0.908384	-2.6320%
1946	1.130614	0.884475	3.1768%
1945	1.095802	0.912573	6.4754%
1944	1.029160	0.971666	-0.3437%
1943	1.032709	0.968327	0.6562%
1942	1.025977	0.974681	0.6633%
1941	1.019216	0.981146	-5.6614%
1940	1.080381	0.925599	8.0381%
1939	1.000000	1.000000	0.8126%
1938	0.991939	1.008126	0.7762%
1937	0.984299	1.015952	0.6029%
1936	0.978400	1.022077	0.5244%
1935	0.973296	1.027437	-3.0364%
1934	1.003774	0.996240	4.6271%
1933	0.959383	1.042337	1.3921%
1932	0.946210	1.056848	-0.2051%
1931	0.948155	1.054680	0.8886%
1930	0.939804	1.064052	1.0126%
1929	0.930383	1.074826	1.1526%
1928	0.919781	1.087215	1.2160%
1927	0.908731	1.100435	1.4086%
1926	0.896109	1.115936	1.7667%
1925	0.880552	1.135651	1.4465%
1924	0.867997	1.152078	1.7700%
1923	0.852901	1.172470	1.6165%
1922	0.839333	1.191423	1.3736%
1921	0.827959	1.207789	2.3393%
1920	0.809034	1.236043	1.3140%
1919	0.798541	1.252284	0.7676%
1918	0.792457	1.261897	0.3870%
1917	0.789403	1.266781	1.3274%
1916	0.779061	1.283597	1.4083%
1915	0.768242	1.301673	1.4458%
1914	0.757293	1.320493	1.9424%
1913	0.742864	1.346142	1.9857%
1912	0.728400	1.372872	1.5634%
1911	0.717187	1.394336	1.8169%
1910	0.704389	1.419669	1.8781%
1909	0.691404	1.446332	2.0082%
1908	0.677793	1.475377	1.9603%
1907	0.664762	1.504299	1.8264%
1906	0.652838	1.531772	1.9357%
1905	0.640442	1.561423	2.0148%
1904	0.627793	1.592883	2.1335%
1903	0.614678	1.626867	1.8151%
1902	0.603720	1.656397	1.8943%
1901	0.592496	1.687775	3.0255%
1900	0.575096	1.738839	0.6278%
1899	0.571508	1.749756	1.7757%

1898	0.561537	1.780826	1.8078%
1897	0.551566	1.813019	1.8396%
1896	0.541603	1.846371	1.8755%
1895	0.531632	1.881000	1.9114%
1894	0.521661	1.916953	1.9486%
1893	0.511690	1.954308	1.9858%
1892	0.501727	1.993117	2.0276%
1891	0.491756	2.033530	2.6465%
1890	0.479077	2.087347	1.5328%
1889	0.471844	2.119343	2.0811%
1888	0.462225	2.163449	2.1599%
1887	0.452453	2.210176	2.2075%
1886	0.442680	2.258966	2.2592%
1885	0.432900	2.310000	2.3095%
1884	0.423128	2.363351	2.3641%
1883	0.413356	2.419224	2.4214%
1882	0.403583	2.477802	2.4815%
1881	0.393811	2.539288	3.7644%
1880	0.379524	2.634877	0.9432%
1879	0.375978	2.659730	2.1464%
1878	0.368078	2.716818	2.1913%
1877	0.360185	2.776352	2.2426%
1876	0.352285	2.838615	2.2941%
1875	0.344384	2.903734	2.3456%
1874	0.336491	2.971844	2.4043%
1873	0.328591	3.043296	2.4635%
1872	0.320691	3.118269	2.5258%
1871	0.312790	3.197030	5.9947%
1870	0.295100	3.388681	-1.0968%
1869	0.298373	3.351515	2.1930%
1868	0.291970	3.425012	2.2394%
1867	0.285575	3.501712	2.2935%
1866	0.279172	3.582024	2.3445%
1865	0.272777	3.666004	2.4037%
1864	0.266374	3.754123	2.4599%
1863	0.259979	3.846470	2.5250%
1862	0.253576	3.943594	2.5872%
1861	0.247181	4.045625	2.9504%
1860	0.240097	4.164987	2.4012%
1859	0.234467	4.264998	2.7627%
1858	0.228163	4.382828	2.8412%
1857	0.221860	4.507353	2.9243%
1856	0.215556	4.639161	3.0161%
1855	0.209245	4.779084	3.1061%
1854	0.202942	4.927525	3.2056%
1853	0.196638	5.085483	3.3118%
1852	0.190335	5.253904	3.4252%
1851	0.184031	5.433862	4.0106%
1850	0.176935	5.651793	2.3254%
1849	0.172914	5.783218	2.7841%
1848	0.168230	5.944227	2.8590%
1847	0.163554	6.114174	2.9432%
1846	0.158878	6.294123	3.0324%

1845	0.154202	6.484987	3.1325%
1844	0.149519	6.688129	3.2284%
1843	0.144843	6.904046	3.3361%
1842	0.140167	7.134369	3.4512%
1841	0.135491	7.380590	3.8105%
1840	0.130517	7.661826	2.3861%
1839	0.127476	7.844642	2.5824%
1838	0.124267	8.047221	2.6573%
1837	0.121050	8.261062	2.7232%
1836	0.117841	8.486027	2.7994%
1835	0.114632	8.723589	2.8871%
1834	0.111415	8.975449	2.9657%
1833	0.108206	9.241633	3.0563%
1832	0.104997	9.524087	3.1604%
1831	0.101780	9.825088	3.4660%
1830	0.098371	10.165622	2.4653%
1829	0.096004	10.416236	2.6804%
1828	0.093498	10.695432	10.3427%
1827	0.084734	11.801623	-4.2314%
1826	0.088478	11.302245	2.9150%
1825	0.085972	11.631710	3.0026%
1824	0.083466	11.980959	3.0955%
1823	0.080960	12.351831	3.1944%
1822	0.078454	12.746397	3.3102%
1821	0.075940	13.168327	3.2277%
1820	0.073565	13.593366	2.6573%
1819	0.071661	13.954579	2.6261%
1818	0.069827	14.321042	2.6969%
1817	0.067994	14.707270	2.7717%
1816	0.066160	15.114909	2.8507%
1815	0.064326	15.545789	2.9343%
1814	0.062492	16.001956	3.0231%
1813	0.060659	16.485703	3.1039%
1812	0.058833	16.997403	3.2172%
1811	0.056999	17.544236	3.0969%
1810	0.055287	18.087566	2.9144%
1809	0.053721	18.614706	2.8225%
1808	0.052246	19.140099	2.9199%
1807	0.050764	19.698977	2.9918%
1806	0.049289	20.288327	3.0841%
1805	0.047815	20.914030	3.1822%
1804	0.046340	21.579555	3.2868%
1803	0.044866	22.288828	3.3985%
1802	0.043391	23.046311	3.5180%
1801	0.041916	23.857091	3.3999%
1800	0.040538	24.668219	2.8419%
1799	0.039418	25.369258	2.7485%
1798	0.038363	26.066521	2.8261%
1797	0.037309	26.803195	3.7832%
1796	0.035949	27.817216	2.1272%
1795	0.035200	28.408943	3.0879%
1794	0.034146	29.286194	3.1625%
1793	0.033099	30.212373	3.2904%

1792	0.032045	31.206485	3.4024%
1791	0.030990	32.268245	3.2296%
1790	0.030021	33.310368	41.3145%
1780	0.021244	47.072364	29.4353%
1770	0.016413	60.928262	83.4728%
1750	0.008946	111.786812	29.2845%
1740	0.006919	144.522968	94.2514%
1720	0.003562	280.737881	85.8111%
1700	0.001917	521.642088	19.2490%
1690	0.001608	622.053232	88.0250%
1670	0.000855	1169.615728	

BASE YEAR: 1938

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.321821	0.430697	8.2857%
2001	2.144163	0.466383	1.0000%
2000	2.122933	0.471046	1.0000%
1999	2.101914	0.475757	1.0000%
1998	2.081103	0.480514	1.0000%
1997	2.060498	0.485320	1.0000%
1996	2.040097	0.490173	1.0000%
1995	2.019898	0.495075	0.9992%
1994	1.999914	0.500021	1.0008%
1993	1.980098	0.505026	1.0000%
1992	1.960493	0.510076	0.9295%
1991	1.942438	0.514817	1.2505%
1990	1.918447	0.521255	0.7224%
1989	1.904687	0.525021	1.1077%
1988	1.883821	0.530836	0.8834%
1987	1.867325	0.535525	0.5594%
1986	1.856938	0.538521	1.3056%
1985	1.833006	0.545552	0.7673%
1984	1.819049	0.549738	0.8149%
1983	1.804344	0.554218	0.9737%
1982	1.786944	0.559615	0.9508%
1981	1.770114	0.564935	0.9031%
1980	1.754271	0.570037	2.2701%
1979	1.715332	0.582977	1.0042%
1978	1.698278	0.588832	0.9896%
1977	1.681637	0.594659	0.9103%
1976	1.666466	0.600072	0.8394%
1975	1.652594	0.605109	0.9042%
1974	1.637785	0.610581	1.1568%
1973	1.619056	0.617644	0.9427%
1972	1.603936	0.623466	0.7426%
1971	1.592112	0.628096	1.4697%
1970	1.569052	0.637328	0.6968%
1969	1.558194	0.641769	0.8565%
1968	1.544961	0.647266	1.5090%
1967	1.521993	0.657033	0.9949%
1966	1.507000	0.663570	1.0575%

1965	1.491231	0.670587	1.1300%
1964	1.474568	0.678165	1.5537%
1963	1.452008	0.688701	1.4658%
1962	1.431032	0.698796	1.5364%
1961	1.409378	0.709533	2.1586%
1960	1.379597	0.724849	-1.6655%
1959	1.402964	0.712777	4.3080%
1958	1.345020	0.743483	2.1130%
1957	1.317189	0.759193	1.9895%
1956	1.291494	0.774297	2.1231%
1955	1.264645	0.790736	1.4496%
1954	1.246574	0.802199	2.1573%
1953	1.220250	0.819504	1.2298%
1952	1.205427	0.829582	1.6814%
1951	1.185494	0.843530	1.6233%
1950	1.166558	0.857223	1.4265%
1949	1.150150	0.869452	1.7790%
1948	1.130046	0.884920	1.8242%
1947	1.109802	0.901062	-2.6320%
1946	1.139802	0.877346	3.1768%
1945	1.104707	0.905217	6.4754%
1944	1.037523	0.963834	-0.3437%
1943	1.041101	0.960521	0.6562%
1942	1.034314	0.966824	0.6633%
1941	1.027499	0.973237	-5.6614%
1940	1.089161	0.918138	8.0381%
1939	1.008126	0.991939	0.8126%
1938	1.000000	1.000000	0.7762%
1937	0.992297	1.007762	0.6029%
1936	0.986351	1.013838	0.5244%
1935	0.981205	1.019155	-3.0364%
1934	1.011931	0.988209	4.6271%
1933	0.967179	1.033935	1.3921%
1932	0.953899	1.048328	-0.2051%
1931	0.955860	1.046179	0.8886%
1930	0.947441	1.055475	1.0126%
1929	0.937943	1.066162	1.1526%
1928	0.927256	1.078451	1.2160%
1927	0.916116	1.091565	1.4086%
1926	0.903391	1.106940	1.7667%
1925	0.887708	1.126497	1.4465%
1924	0.875050	1.142791	1.7700%
1923	0.859832	1.163019	1.6165%
1922	0.846153	1.181819	1.3736%
1921	0.834688	1.198053	2.3393%
1920	0.815608	1.226079	1.3140%
1919	0.805030	1.242190	0.7676%
1918	0.798897	1.251726	0.3870%
1917	0.795817	1.256570	1.3274%
1916	0.785392	1.273250	1.4083%
1915	0.774485	1.291181	1.4458%
1914	0.763447	1.309849	1.9424%
1913	0.748900	1.335291	1.9857%

1912	0.734319	1.361805	1.5634%
1911	0.723016	1.383096	1.8169%
1910	0.710113	1.408226	1.8781%
1909	0.697023	1.434673	2.0082%
1908	0.683301	1.463485	1.9603%
1907	0.670164	1.492173	1.8264%
1906	0.658144	1.519425	1.9357%
1905	0.645646	1.548836	2.0148%
1904	0.632894	1.580043	2.1335%
1903	0.619673	1.613753	1.8151%
1902	0.608626	1.643045	1.8943%
1901	0.597311	1.674170	3.0255%
1900	0.579770	1.724822	0.6278%
1899	0.576153	1.735652	1.7757%
1898	0.566101	1.766471	1.8078%
1897	0.556049	1.798404	1.8396%
1896	0.546004	1.831488	1.8755%
1895	0.535952	1.865838	1.9114%
1894	0.525900	1.901501	1.9486%
1893	0.515848	1.938555	1.9858%
1892	0.505804	1.977051	2.0276%
1891	0.495752	2.017138	2.6465%
1890	0.482970	2.070522	1.5328%
1889	0.475679	2.102259	2.0811%
1888	0.465981	2.146010	2.1599%
1887	0.456129	2.192360	2.2075%
1886	0.446278	2.240757	2.2592%
1885	0.436418	2.291380	2.3095%
1884	0.426567	2.344300	2.3641%
1883	0.416715	2.399723	2.4214%
1882	0.406863	2.457829	2.4815%
1881	0.397011	2.518820	3.7644%
1880	0.382608	2.613638	0.9432%
1879	0.379033	2.638291	2.1464%
1878	0.371069	2.694918	2.1913%
1877	0.363112	2.753972	2.2426%
1876	0.355147	2.815733	2.2941%
1875	0.347183	2.880327	2.3456%
1874	0.339226	2.947888	2.4043%
1873	0.331261	3.018765	2.4635%
1872	0.323297	3.093134	2.5258%
1871	0.315332	3.171259	5.9947%
1870	0.297498	3.361366	-1.0968%
1869	0.300797	3.324499	2.1930%
1868	0.294342	3.397404	2.2394%
1867	0.287895	3.473486	2.2935%
1866	0.281440	3.553150	2.3445%
1865	0.274993	3.636453	2.4037%
1864	0.268538	3.723862	2.4599%
1863	0.262091	3.815465	2.5250%
1862	0.255636	3.911805	2.5872%
1861	0.249189	4.013014	2.9504%
1860	0.242048	4.131414	2.4012%

1859	0.236372	4.230619	2.7627%
1858	0.230017	4.347498	2.8412%
1857	0.223663	4.471020	2.9243%
1856	0.217308	4.601765	3.0161%
1855	0.210946	4.740561	3.1061%
1854	0.204591	4.887805	3.2056%
1853	0.198236	5.044490	3.3118%
1852	0.191881	5.211553	3.4252%
1851	0.185527	5.390061	4.0106%
1850	0.178373	5.606235	2.3254%
1849	0.174319	5.736600	2.7841%
1848	0.169598	5.896312	2.8590%
1847	0.164883	6.064888	2.9432%
1846	0.160169	6.243388	3.0324%
1845	0.155455	6.432712	3.1325%
1844	0.150734	6.634217	3.2284%
1843	0.146020	6.848394	3.3361%
1842	0.141306	7.076860	3.4512%
1841	0.136592	7.321096	3.8105%
1840	0.131578	7.600066	2.3861%
1839	0.128511	7.781407	2.5824%
1838	0.125276	7.982354	2.6573%
1837	0.122034	8.194471	2.7232%
1836	0.118798	8.417623	2.7994%
1835	0.115563	8.653269	2.8871%
1834	0.112320	8.903100	2.9657%
1833	0.109085	9.167137	3.0563%
1832	0.105850	9.447315	3.1604%
1831	0.102607	9.745890	3.4660%
1830	0.099170	10.083679	2.4653%
1829	0.096784	10.332272	2.6804%
1828	0.094258	10.609218	10.3427%
1827	0.085423	11.706492	-4.2314%
1826	0.089197	11.211140	2.9150%
1825	0.086671	11.537949	3.0026%
1824	0.084144	11.884383	3.0955%
1823	0.081618	12.252265	3.1944%
1822	0.079091	12.643650	3.3102%
1821	0.076557	13.062179	3.2277%
1820	0.074163	13.483792	2.6573%
1819	0.072243	13.842094	2.6261%
1818	0.070395	14.205602	2.6969%
1817	0.068546	14.588718	2.7717%
1816	0.066697	14.993071	2.8507%
1815	0.064849	15.420477	2.9343%
1814	0.063000	15.872967	3.0231%
1813	0.061152	16.352815	3.1039%
1812	0.059311	16.860390	3.2172%
1811	0.057462	17.402815	3.0969%
1810	0.055736	17.941765	2.9144%
1809	0.054158	18.464657	2.8225%
1808	0.052671	18.985815	2.9199%
1807	0.051177	19.540187	2.9918%

1806	0.049690	20.124787	3.0841%
1805	0.048203	20.745446	3.1822%
1804	0.046717	21.405606	3.2868%
1803	0.045230	22.109162	3.3985%
1802	0.043744	22.860539	3.5180%
1801	0.042257	23.664783	3.3999%
1800	0.040867	24.469373	2.8419%
1799	0.039738	25.164761	2.7485%
1798	0.038675	25.856403	2.8261%
1797	0.037612	26.587139	3.7832%
1796	0.036241	27.592986	2.1272%
1795	0.035486	28.179944	3.0879%
1794	0.034423	29.050123	3.1625%
1793	0.033368	29.968837	3.2904%
1792	0.032305	30.954936	3.4024%
1791	0.031242	32.008136	3.2296%
1790	0.030265	33.041859	41.3145%
1780	0.021417	46.692922	29.4353%
1770	0.016546	60.437130	83.4728%
1750	0.009018	110.885719	29.2845%
1740	0.006976	143.357995	94.2514%
1720	0.003591	278.474903	85.8111%
1700	0.001933	517.437226	19.2490%
1690	0.001621	617.038973	88.0250%
1670	0.000862	1160.187668	

BASE YEAR: 1937

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.339844	0.427379	8.2857%
2001	2.160807	0.462790	1.0000%
2000	2.139412	0.467418	1.0000%
1999	2.118230	0.472092	1.0000%
1998	2.097257	0.476813	1.0000%
1997	2.076492	0.481581	1.0000%
1996	2.055933	0.486397	1.0000%
1995	2.035577	0.491261	0.9992%
1994	2.015439	0.496170	1.0008%
1993	1.995468	0.501135	1.0000%
1992	1.975711	0.506147	0.9295%
1991	1.957516	0.510852	1.2505%
1990	1.933339	0.517240	0.7224%
1989	1.919472	0.520977	1.1077%
1988	1.898444	0.526747	0.8834%
1987	1.881820	0.531400	0.5594%
1986	1.871353	0.534373	1.3056%
1985	1.847235	0.541350	0.7673%
1984	1.833169	0.545503	0.8149%
1983	1.818350	0.549949	0.9737%
1982	1.800815	0.555304	0.9508%
1981	1.783854	0.560584	0.9031%
1980	1.767889	0.565646	2.2701%

1979	1.728647	0.578487	1.0042%
1978	1.711461	0.584296	0.9896%
1977	1.694690	0.590078	0.9103%
1976	1.679402	0.595450	0.8394%
1975	1.665422	0.600448	0.9042%
1974	1.650499	0.605877	1.1568%
1973	1.631624	0.612886	0.9427%
1972	1.616387	0.618664	0.7426%
1971	1.604471	0.623258	1.4697%
1970	1.581231	0.632419	0.6968%
1969	1.570289	0.636825	0.8565%
1968	1.556953	0.642280	1.5090%
1967	1.533807	0.651972	0.9949%
1966	1.518698	0.658459	1.0575%
1965	1.502806	0.665422	1.1300%
1964	1.486014	0.672941	1.5537%
1963	1.463280	0.683396	1.4658%
1962	1.442141	0.693414	1.5364%
1961	1.420318	0.704068	2.1586%
1960	1.390307	0.719266	-1.6655%
1959	1.413854	0.707287	4.3080%
1958	1.355461	0.737756	2.1130%
1957	1.327413	0.753345	1.9895%
1956	1.301520	0.768333	2.1231%
1955	1.274461	0.784645	1.4496%
1954	1.256251	0.796019	2.1573%
1953	1.229722	0.813192	1.2298%
1952	1.214784	0.823192	1.6814%
1951	1.194696	0.837033	1.6233%
1950	1.175613	0.850620	1.4265%
1949	1.159078	0.862755	1.7790%
1948	1.138818	0.878103	1.8242%
1947	1.118416	0.894121	-2.6320%
1946	1.148649	0.870588	3.1768%
1945	1.113283	0.898245	6.4754%
1944	1.045577	0.956410	-0.3437%
1943	1.049183	0.953123	0.6562%
1942	1.042343	0.959377	0.6633%
1941	1.035474	0.965741	-5.6614%
1940	1.097615	0.911066	8.0381%
1939	1.015952	0.984299	0.8126%
1938	1.007762	0.992297	0.7762%
1937	1.000000	1.000000	0.6029%
1936	0.994007	1.006029	0.5244%
1935	0.988822	1.011304	-3.0364%
1934	1.019787	0.980597	4.6271%
1933	0.974687	1.025971	1.3921%
1932	0.961304	1.040254	-0.2051%
1931	0.963280	1.038120	0.8886%
1930	0.954795	1.047345	1.0126%
1929	0.945224	1.057950	1.1526%
1928	0.934454	1.070144	1.2160%
1927	0.923227	1.083157	1.4086%

1926	0.910403	1.098414	1.7667%
1925	0.894599	1.117820	1.4465%
1924	0.881843	1.133989	1.7700%
1923	0.866506	1.154060	1.6165%
1922	0.852722	1.172716	1.3736%
1921	0.841167	1.188825	2.3393%
1920	0.821939	1.216635	1.3140%
1919	0.811279	1.232622	0.7676%
1918	0.805099	1.242084	0.3870%
1917	0.801995	1.246891	1.3274%
1916	0.791488	1.263442	1.4083%
1915	0.780497	1.281235	1.4458%
1914	0.769373	1.299759	1.9424%
1913	0.754714	1.325006	1.9857%
1912	0.740019	1.351316	1.5634%
1911	0.728628	1.372442	1.8169%
1910	0.715626	1.397379	1.8781%
1909	0.702434	1.423622	2.0082%
1908	0.688605	1.452212	1.9603%
1907	0.675366	1.480679	1.8264%
1906	0.663252	1.507721	1.9357%
1905	0.650658	1.536906	2.0148%
1904	0.637807	1.567872	2.1335%
1903	0.624484	1.601323	1.8151%
1902	0.613350	1.630390	1.8943%
1901	0.601947	1.661275	3.0255%
1900	0.584270	1.711537	0.6278%
1899	0.580625	1.722282	1.7757%
1898	0.570495	1.752864	1.8078%
1897	0.560365	1.784552	1.8396%
1896	0.550243	1.817380	1.8755%
1895	0.540113	1.851466	1.9114%
1894	0.529983	1.886855	1.9486%
1893	0.519853	1.923623	1.9858%
1892	0.509730	1.961822	2.0276%
1891	0.499600	2.001600	2.6465%
1890	0.486719	2.054573	1.5328%
1889	0.479371	2.086066	2.0811%
1888	0.469598	2.129480	2.1599%
1887	0.459670	2.175473	2.2075%
1886	0.449742	2.223498	2.2592%
1885	0.439806	2.273730	2.3095%
1884	0.429878	2.326243	2.3641%
1883	0.419950	2.381238	2.4214%
1882	0.410021	2.438897	2.4815%
1881	0.400093	2.499418	3.7644%
1880	0.385578	2.593506	0.9432%
1879	0.381976	2.617969	2.1464%
1878	0.373949	2.674160	2.1913%
1877	0.365931	2.732759	2.2426%
1876	0.357904	2.794044	2.2941%
1875	0.349878	2.858141	2.3456%
1874	0.341859	2.925182	2.4043%

1873	0.333833	2.995512	2.4635%
1872	0.325806	3.069308	2.5258%
1871	0.317780	3.146832	5.9947%
1870	0.299807	3.335474	-1.0968%
1869	0.303132	3.298891	2.1930%
1868	0.296627	3.371235	2.2394%
1867	0.290130	3.446731	2.2935%
1866	0.283625	3.525781	2.3445%
1865	0.277128	3.608442	2.4037%
1864	0.270623	3.695178	2.4599%
1863	0.264126	3.786075	2.5250%
1862	0.257621	3.881674	2.5872%
1861	0.251124	3.982103	2.9504%
1860	0.243927	4.099591	2.4012%
1859	0.238207	4.198032	2.7627%
1858	0.231803	4.314011	2.8412%
1857	0.225399	4.436581	2.9243%
1856	0.218995	4.566319	3.0161%
1855	0.212583	4.704046	3.1061%
1854	0.206179	4.850156	3.2056%
1853	0.199775	5.005634	3.3118%
1852	0.193371	5.171410	3.4252%
1851	0.186967	5.348543	4.0106%
1850	0.179757	5.563052	2.3254%
1849	0.175672	5.692413	2.7841%
1848	0.170914	5.850895	2.8590%
1847	0.166163	6.018172	2.9432%
1846	0.161413	6.195297	3.0324%
1845	0.156662	6.383163	3.1325%
1844	0.151904	6.583116	3.2284%
1843	0.147153	6.795643	3.3361%
1842	0.142402	7.022349	3.4512%
1841	0.137652	7.264704	3.8105%
1840	0.132599	7.541525	2.3861%
1839	0.129509	7.721470	2.5824%
1838	0.126249	7.920868	2.6573%
1837	0.122981	8.131351	2.7232%
1836	0.119721	8.352785	2.7994%
1835	0.116460	8.586616	2.8871%
1834	0.113192	8.834522	2.9657%
1833	0.109932	9.096526	3.0563%
1832	0.106672	9.374545	3.1604%
1831	0.103404	9.670821	3.4660%
1830	0.099940	10.006008	2.4653%
1829	0.097535	10.252686	2.6804%
1828	0.094989	10.527499	10.3427%
1827	0.086086	11.616321	-4.2314%
1826	0.089889	11.124784	2.9150%
1825	0.087343	11.449076	3.0026%
1824	0.084797	11.792841	3.0955%
1823	0.082251	12.157890	3.1944%
1822	0.079705	12.546260	3.3102%
1821	0.077151	12.961566	3.2277%

1820	0.074739	13.379931	2.6573%
1819	0.072804	13.735473	2.6261%
1818	0.070941	14.096181	2.6969%
1817	0.069078	14.476346	2.7717%
1816	0.067215	14.877584	2.8507%
1815	0.065352	15.301699	2.9343%
1814	0.063489	15.750703	3.0231%
1813	0.061626	16.226855	3.1039%
1812	0.059771	16.730519	3.2172%
1811	0.057908	17.268767	3.0969%
1810	0.056169	17.803566	2.9144%
1809	0.054578	18.322429	2.8225%
1808	0.053080	18.839573	2.9199%
1807	0.051574	19.389675	2.9918%
1806	0.050076	19.969772	3.0841%
1805	0.048578	20.585650	3.1822%
1804	0.047079	21.240725	3.2868%
1803	0.045581	21.938862	3.3985%
1802	0.044083	22.684451	3.5180%
1801	0.042585	23.482501	3.3999%
1800	0.041185	24.280894	2.8419%
1799	0.040047	24.970925	2.7485%
1798	0.038975	25.657240	2.8261%
1797	0.037904	26.382347	3.7832%
1796	0.036522	27.380446	2.1272%
1795	0.035762	27.962883	3.0879%
1794	0.034690	28.826359	3.1625%
1793	0.033627	29.737996	3.2904%
1792	0.032556	30.716500	3.4024%
1791	0.031485	31.761588	3.2296%
1790	0.030500	32.787348	41.3145%
1780	0.021583	46.333261	29.4353%
1770	0.016675	59.971603	83.4728%
1750	0.009088	110.031602	29.2845%
1740	0.007030	142.253754	94.2514%
1720	0.003619	276.329901	85.8111%
1700	0.001948	513.451574	19.2490%
1690	0.001633	612.286122	88.0250%
1670	0.000869	1151.251117	

BASE YEAR: 1936

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.353950	0.424818	8.2857%
2001	2.173833	0.460017	1.0000%
2000	2.152310	0.464617	1.0000%
1999	2.131000	0.469263	1.0000%
1998	2.109901	0.473956	1.0000%
1997	2.089011	0.478695	1.0000%
1996	2.068328	0.483482	1.0000%
1995	2.047849	0.488317	0.9992%
1994	2.027589	0.493197	1.0008%

1993	2.007499	0.498132	1.0000%
1992	1.987622	0.503114	0.9295%
1991	1.969317	0.507790	1.2505%
1990	1.944995	0.514140	0.7224%
1989	1.931044	0.517855	1.1077%
1988	1.909889	0.523591	0.8834%
1987	1.893165	0.528216	0.5594%
1986	1.882635	0.531171	1.3056%
1985	1.858371	0.538106	0.7673%
1984	1.844221	0.542234	0.8149%
1983	1.829313	0.546653	0.9737%
1982	1.811672	0.551976	0.9508%
1981	1.794608	0.557225	0.9031%
1980	1.778547	0.562257	2.2701%
1979	1.739069	0.575020	1.0042%
1978	1.721779	0.580795	0.9896%
1977	1.704907	0.586542	0.9103%
1976	1.689527	0.591882	0.8394%
1975	1.675463	0.596850	0.9042%
1974	1.660449	0.602247	1.1568%
1973	1.641461	0.609213	0.9427%
1972	1.626131	0.614956	0.7426%
1971	1.614144	0.619523	1.4697%
1970	1.590764	0.628629	0.6968%
1969	1.579756	0.633009	0.8565%
1968	1.566340	0.638431	1.5090%
1967	1.543054	0.648065	0.9949%
1966	1.527854	0.654513	1.0575%
1965	1.511866	0.661434	1.1300%
1964	1.494973	0.668908	1.5537%
1963	1.472101	0.679301	1.4658%
1962	1.450835	0.689258	1.5364%
1961	1.428881	0.699848	2.1586%
1960	1.398688	0.714956	-1.6655%
1959	1.422378	0.703048	4.3080%
1958	1.363633	0.733335	2.1130%
1957	1.335416	0.748830	1.9895%
1956	1.309366	0.763728	2.1231%
1955	1.282145	0.779943	1.4496%
1954	1.263824	0.791249	2.1573%
1953	1.237136	0.808318	1.2298%
1952	1.222107	0.818259	1.6814%
1951	1.201899	0.832017	1.6233%
1950	1.182700	0.845523	1.4265%
1949	1.166066	0.857584	1.7790%
1948	1.145684	0.872841	1.8242%
1947	1.125159	0.888763	-2.6320%
1946	1.155574	0.865371	3.1768%
1945	1.119994	0.892862	6.4754%
1944	1.051881	0.950678	-0.3437%
1943	1.055508	0.947411	0.6562%
1942	1.048627	0.953628	0.6633%
1941	1.041717	0.959954	-5.6614%

1940	1.104232	0.905606	8.0381%
1939	1.022077	0.978400	0.8126%
1938	1.013838	0.986351	0.7762%
1937	1.006029	0.994007	0.6029%
1936	1.000000	1.000000	0.5244%
1935	0.994783	1.005244	-3.0364%
1934	1.025935	0.974721	4.6271%
1933	0.980563	1.019823	1.3921%
1932	0.967100	1.034020	-0.2051%
1931	0.969087	1.031899	0.8886%
1930	0.960552	1.041069	1.0126%
1929	0.950923	1.051610	1.1526%
1928	0.940087	1.063731	1.2160%
1927	0.928793	1.076666	1.4086%
1926	0.915892	1.091832	1.7667%
1925	0.899992	1.111121	1.4465%
1924	0.887159	1.127193	1.7700%
1923	0.871730	1.147144	1.6165%
1922	0.857862	1.165688	1.3736%
1921	0.846238	1.181701	2.3393%
1920	0.826894	1.209344	1.3140%
1919	0.816170	1.225235	0.7676%
1918	0.809952	1.234641	0.3870%
1917	0.806830	1.239418	1.3274%
1916	0.796260	1.255871	1.4083%
1915	0.785202	1.273557	1.4458%
1914	0.774012	1.291970	1.9424%
1913	0.759264	1.317065	1.9857%
1912	0.744481	1.343218	1.5634%
1911	0.733021	1.364218	1.8169%
1910	0.719940	1.389005	1.8781%
1909	0.706668	1.415091	2.0082%
1908	0.692756	1.443509	1.9603%
1907	0.679437	1.471806	1.8264%
1906	0.667251	1.498686	1.9357%
1905	0.654581	1.527696	2.0148%
1904	0.641652	1.558476	2.1335%
1903	0.628248	1.591727	1.8151%
1902	0.617048	1.620619	1.8943%
1901	0.605576	1.651319	3.0255%
1900	0.587793	1.701280	0.6278%
1899	0.584125	1.711961	1.7757%
1898	0.573934	1.742360	1.8078%
1897	0.563743	1.773858	1.8396%
1896	0.553560	1.806489	1.8755%
1895	0.543369	1.840371	1.9114%
1894	0.533178	1.875547	1.9486%
1893	0.522987	1.912095	1.9858%
1892	0.512803	1.950065	2.0276%
1891	0.502612	1.989606	2.6465%
1890	0.489653	2.042261	1.5328%
1889	0.482261	2.073565	2.0811%
1888	0.472429	2.116718	2.1599%

1887	0.462441	2.162436	2.2075%
1886	0.452453	2.210173	2.2592%
1885	0.442457	2.260104	2.3095%
1884	0.432469	2.312302	2.3641%
1883	0.422481	2.366969	2.4214%
1882	0.412493	2.424282	2.4815%
1881	0.402505	2.484440	3.7644%
1880	0.387903	2.577964	0.9432%
1879	0.384278	2.602280	2.1464%
1878	0.376204	2.658135	2.1913%
1877	0.368137	2.716383	2.2426%
1876	0.360062	2.777301	2.2941%
1875	0.351987	2.841013	2.3456%
1874	0.343920	2.907652	2.4043%
1873	0.335845	2.977561	2.4635%
1872	0.327771	3.050915	2.5258%
1871	0.319696	3.127974	5.9947%
1870	0.301615	3.315486	-1.0968%
1869	0.304960	3.279122	2.1930%
1868	0.298415	3.351032	2.2394%
1867	0.291879	3.426076	2.2935%
1866	0.285335	3.504653	2.3445%
1865	0.278799	3.586818	2.4037%
1864	0.272254	3.673034	2.4599%
1863	0.265718	3.763387	2.5250%
1862	0.259174	3.858413	2.5872%
1861	0.252638	3.958239	2.9504%
1860	0.245397	4.075023	2.4012%
1859	0.239643	4.172875	2.7627%
1858	0.233200	4.288159	2.8412%
1857	0.226758	4.409994	2.9243%
1856	0.220315	4.538955	3.0161%
1855	0.213865	4.675856	3.1061%
1854	0.207422	4.821091	3.2056%
1853	0.200979	4.975637	3.3118%
1852	0.194537	5.140420	3.4252%
1851	0.188094	5.316491	4.0106%
1850	0.180841	5.529714	2.3254%
1849	0.176732	5.658301	2.7841%
1848	0.171944	5.815833	2.8590%
1847	0.167165	5.982108	2.9432%
1846	0.162386	6.158171	3.0324%
1845	0.157607	6.344911	3.1325%
1844	0.152820	6.543666	3.2284%
1843	0.148040	6.754919	3.3361%
1842	0.143261	6.980267	3.4512%
1841	0.138482	7.221170	3.8105%
1840	0.133399	7.496331	2.3861%
1839	0.130290	7.675198	2.5824%
1838	0.127010	7.873401	2.6573%
1837	0.123722	8.082623	2.7232%
1836	0.120442	8.302730	2.7994%
1835	0.117162	8.535160	2.8871%

1834	0.113875	8.781580	2.9657%
1833	0.110595	9.042014	3.0563%
1832	0.107315	9.318367	3.1604%
1831	0.104027	9.612867	3.4660%
1830	0.100542	9.946046	2.4653%
1829	0.098123	10.191246	2.6804%
1828	0.095562	10.464411	10.3427%
1827	0.086605	11.546709	-4.2314%
1826	0.090431	11.058117	2.9150%
1825	0.087870	11.380466	3.0026%
1824	0.085308	11.722171	3.0955%
1823	0.082747	12.085032	3.1944%
1822	0.080186	12.471075	3.3102%
1821	0.077616	12.883892	3.2277%
1820	0.075189	13.299750	2.6573%
1819	0.073243	13.653161	2.6261%
1818	0.071369	14.011708	2.6969%
1817	0.069495	14.389594	2.7717%
1816	0.067620	14.788428	2.8507%
1815	0.065746	15.210001	2.9343%
1814	0.063872	15.656315	3.0231%
1813	0.061998	16.129613	3.1039%
1812	0.060131	16.630260	3.2172%
1811	0.058257	17.165282	3.0969%
1810	0.056507	17.696876	2.9144%
1809	0.054907	18.212630	2.8225%
1808	0.053400	18.726674	2.9199%
1807	0.051885	19.273480	2.9918%
1806	0.050378	19.850101	3.0841%
1805	0.048870	20.462288	3.1822%
1804	0.047363	21.113438	3.2868%
1803	0.045856	21.807391	3.3985%
1802	0.044349	22.548512	3.5180%
1801	0.042842	23.341779	3.3999%
1800	0.041433	24.135387	2.8419%
1799	0.040288	24.821283	2.7485%
1798	0.039210	25.503485	2.8261%
1797	0.038133	26.224247	3.7832%
1796	0.036743	27.216366	2.1272%
1795	0.035977	27.795311	3.0879%
1794	0.034900	28.653614	3.1625%
1793	0.033830	29.559788	3.2904%
1792	0.032752	30.532427	3.4024%
1791	0.031674	31.571252	3.2296%
1790	0.030683	32.590866	41.3145%
1780	0.021713	46.055604	29.4353%
1770	0.016775	59.612215	83.4728%
1750	0.009143	109.372224	29.2845%
1740	0.007072	141.401281	94.2514%
1720	0.003641	274.673960	85.8111%
1700	0.001959	510.374651	19.2490%
1690	0.001643	608.616920	88.0250%
1670	0.000874	1144.352100	

BASE YEAR: 1935

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.366294	0.422602	8.2857%
2001	2.185233	0.457617	1.0000%
2000	2.163597	0.462193	1.0000%
1999	2.142175	0.466815	1.0000%
1998	2.120965	0.471483	1.0000%
1997	2.099966	0.476198	1.0000%
1996	2.079174	0.480960	1.0000%
1995	2.058588	0.485770	0.9992%
1994	2.038222	0.490624	1.0008%
1993	2.018026	0.495534	1.0000%
1992	1.998045	0.500489	0.9295%
1991	1.979644	0.505141	1.2505%
1990	1.955194	0.511458	0.7224%
1989	1.941170	0.515153	1.1077%
1988	1.919904	0.520859	0.8834%
1987	1.903093	0.525460	0.5594%
1986	1.892507	0.528400	1.3056%
1985	1.868116	0.535299	0.7673%
1984	1.853892	0.539406	0.8149%
1983	1.838906	0.543802	0.9737%
1982	1.821172	0.549097	0.9508%
1981	1.804019	0.554318	0.9031%
1980	1.787874	0.559324	2.2701%
1979	1.748189	0.572021	1.0042%
1978	1.730808	0.577765	0.9896%
1977	1.713848	0.583482	0.9103%
1976	1.698387	0.588794	0.8394%
1975	1.684249	0.593737	0.9042%
1974	1.669156	0.599105	1.1568%
1973	1.650069	0.606035	0.9427%
1972	1.634659	0.611748	0.7426%
1971	1.622609	0.616292	1.4697%
1970	1.599106	0.625349	0.6968%
1969	1.588040	0.629707	0.8565%
1968	1.574554	0.635101	1.5090%
1967	1.551146	0.644685	0.9949%
1966	1.535866	0.651099	1.0575%
1965	1.519794	0.657984	1.1300%
1964	1.502812	0.665419	1.5537%
1963	1.479821	0.675757	1.4658%
1962	1.458443	0.685663	1.5364%
1961	1.436374	0.696198	2.1586%
1960	1.406023	0.711226	-1.6655%
1959	1.429837	0.699381	4.3080%
1958	1.370783	0.729510	2.1130%
1957	1.342419	0.744924	1.9895%
1956	1.316232	0.759744	2.1231%
1955	1.288868	0.775874	1.4496%

1954	1.270452	0.787122	2.1573%
1953	1.243624	0.804102	1.2298%
1952	1.228516	0.813990	1.6814%
1951	1.208202	0.827676	1.6233%
1950	1.188902	0.841112	1.4265%
1949	1.172181	0.853111	1.7790%
1948	1.151692	0.868288	1.8242%
1947	1.131059	0.884127	-2.6320%
1946	1.161634	0.860856	3.1768%
1945	1.125867	0.888204	6.4754%
1944	1.057397	0.945719	-0.3437%
1943	1.061043	0.942469	0.6562%
1942	1.054126	0.948653	0.6633%
1941	1.047180	0.954946	-5.6614%
1940	1.110023	0.900882	8.0381%
1939	1.027437	0.973296	0.8126%
1938	1.019155	0.981205	0.7762%
1937	1.011304	0.988822	0.6029%
1936	1.005244	0.994783	0.5244%
1935	1.000000	1.000000	-3.0364%
1934	1.031315	0.969636	4.6271%
1933	0.985705	1.014503	1.3921%
1932	0.972171	1.028626	-0.2051%
1931	0.974169	1.026516	0.8886%
1930	0.965589	1.035638	1.0126%
1929	0.955909	1.046124	1.1526%
1928	0.945017	1.058182	1.2160%
1927	0.933664	1.071049	1.4086%
1926	0.920695	1.086136	1.7667%
1925	0.904712	1.105325	1.4465%
1924	0.891811	1.121313	1.7700%
1923	0.876301	1.141160	1.6165%
1922	0.862361	1.159607	1.3736%
1921	0.850676	1.175536	2.3393%
1920	0.831231	1.203036	1.3140%
1919	0.820450	1.218844	0.7676%
1918	0.814200	1.228200	0.3870%
1917	0.811061	1.232953	1.3274%
1916	0.800436	1.249320	1.4083%
1915	0.789320	1.266914	1.4458%
1914	0.778070	1.285231	1.9424%
1913	0.763245	1.310195	1.9857%
1912	0.748385	1.336211	1.5634%
1911	0.736865	1.357101	1.8169%
1910	0.723715	1.381759	1.8781%
1909	0.710374	1.407709	2.0082%
1908	0.696389	1.435979	1.9603%
1907	0.683000	1.464128	1.8264%
1906	0.670750	1.490868	1.9357%
1905	0.658013	1.519727	2.0148%
1904	0.645017	1.550347	2.1335%
1903	0.631543	1.583424	1.8151%
1902	0.620284	1.612165	1.8943%

1901	0.608752	1.642705	3.0255%
1900	0.590875	1.692405	0.6278%
1899	0.587188	1.703031	1.7757%
1898	0.576944	1.733271	1.8078%
1897	0.566699	1.764604	1.8396%
1896	0.556463	1.797066	1.8755%
1895	0.546218	1.830770	1.9114%
1894	0.535974	1.865763	1.9486%
1893	0.525729	1.902120	1.9858%
1892	0.515492	1.939893	2.0276%
1891	0.505248	1.979227	2.6465%
1890	0.492221	2.031607	1.5328%
1889	0.484790	2.062748	2.0811%
1888	0.474907	2.105676	2.1599%
1887	0.464866	2.151156	2.2075%
1886	0.454826	2.198643	2.2592%
1885	0.444778	2.248314	2.3095%
1884	0.434737	2.300240	2.3641%
1883	0.424697	2.354621	2.4214%
1882	0.414656	2.411636	2.4815%
1881	0.404616	2.471480	3.7644%
1880	0.389937	2.564516	0.9432%
1879	0.386294	2.588705	2.1464%
1878	0.378176	2.644269	2.1913%
1877	0.370067	2.702213	2.2426%
1876	0.361950	2.762813	2.2941%
1875	0.353833	2.826193	2.3456%
1874	0.345724	2.892484	2.4043%
1873	0.337606	2.962029	2.4635%
1872	0.329489	3.035000	2.5258%
1871	0.321372	3.111657	5.9947%
1870	0.303197	3.298190	-1.0968%
1869	0.306559	3.262016	2.1930%
1868	0.299980	3.333551	2.2394%
1867	0.293410	3.408203	2.2935%
1866	0.286831	3.486370	2.3445%
1865	0.280261	3.568107	2.4037%
1864	0.273682	3.653874	2.4599%
1863	0.267112	3.743755	2.5250%
1862	0.260533	3.838285	2.5872%
1861	0.253962	3.937591	2.9504%
1860	0.246684	4.053766	2.4012%
1859	0.240900	4.151106	2.7627%
1858	0.234423	4.265789	2.8412%
1857	0.227947	4.386989	2.9243%
1856	0.221470	4.515277	3.0161%
1855	0.214986	4.651464	3.1061%
1854	0.208510	4.795941	3.2056%
1853	0.202033	4.949681	3.3118%
1852	0.195557	5.113604	3.4252%
1851	0.189080	5.288757	4.0106%
1850	0.181789	5.500868	2.3254%
1849	0.177658	5.628784	2.7841%

1848	0.172846	5.785494	2.8590%
1847	0.168042	5.950902	2.9432%
1846	0.163237	6.126046	3.0324%
1845	0.158433	6.311813	3.1325%
1844	0.153621	6.509530	3.2284%
1843	0.148817	6.719681	3.3361%
1842	0.144012	6.943854	3.4512%
1841	0.139208	7.183500	3.8105%
1840	0.134098	7.457226	2.3861%
1839	0.130973	7.635159	2.5824%
1838	0.127676	7.832329	2.6573%
1837	0.124371	8.040460	2.7232%
1836	0.121074	8.259418	2.7994%
1835	0.117777	8.490635	2.8871%
1834	0.114472	8.735770	2.9657%
1833	0.111175	8.994845	3.0563%
1832	0.107878	9.269757	3.1604%
1831	0.104573	9.562721	3.4660%
1830	0.101070	9.894161	2.4653%
1829	0.098638	10.138082	2.6804%
1828	0.096063	10.409823	10.3427%
1827	0.087059	11.486474	-4.2314%
1826	0.090906	11.000432	2.9150%
1825	0.088331	11.321098	3.0026%
1824	0.085756	11.661022	3.0955%
1823	0.083181	12.021989	3.1944%
1822	0.080606	12.406019	3.3102%
1821	0.078023	12.816682	3.2277%
1820	0.075584	13.230371	2.6573%
1819	0.073627	13.581938	2.6261%
1818	0.071743	13.938615	2.6969%
1817	0.069859	14.314530	2.7717%
1816	0.067975	14.711283	2.8507%
1815	0.066091	15.130657	2.9343%
1814	0.064207	15.574642	3.0231%
1813	0.062323	16.045472	3.1039%
1812	0.060447	16.543506	3.2172%
1811	0.058563	17.075737	3.0969%
1810	0.056803	17.604558	2.9144%
1809	0.055195	18.117622	2.8225%
1808	0.053680	18.628985	2.9199%
1807	0.052157	19.172938	2.9918%
1806	0.050642	19.746551	3.0841%
1805	0.049127	20.355545	3.1822%
1804	0.047612	21.003298	3.2868%
1803	0.046096	21.693631	3.3985%
1802	0.044581	22.430886	3.5180%
1801	0.043066	23.220015	3.3999%
1800	0.041650	24.009483	2.8419%
1799	0.040499	24.691801	2.7485%
1798	0.039416	25.370444	2.8261%
1797	0.038333	26.087446	3.7832%
1796	0.036935	27.074389	2.1272%

1795	0.036166	27.650315	3.0879%
1794	0.035083	28.504140	3.1625%
1793	0.034007	29.405586	3.2904%
1792	0.032924	30.373152	3.4024%
1791	0.031840	31.406558	3.2296%
1790	0.030844	32.420853	41.3145%
1780	0.021827	45.815350	29.4353%
1770	0.016863	59.301243	83.4728%
1750	0.009191	108.801674	29.2845%
1740	0.007109	140.663648	94.2514%
1720	0.003660	273.241098	85.8111%
1700	0.001970	507.712236	19.2490%
1690	0.001652	605.442015	88.0250%
1670	0.000878	1138.382484	

BASE YEAR: 1934

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.294444	0.435835	8.2857%
2001	2.118881	0.471947	1.0000%
2000	2.097902	0.476667	1.0000%
1999	2.077131	0.481433	1.0000%
1998	2.056565	0.486248	1.0000%
1997	2.036203	0.491110	1.0000%
1996	2.016043	0.496021	1.0000%
1995	1.996082	0.500981	0.9992%
1994	1.976334	0.505987	1.0008%
1993	1.956751	0.511051	1.0000%
1992	1.937377	0.516162	0.9295%
1991	1.919535	0.520959	1.2505%
1990	1.895827	0.527474	0.7224%
1989	1.882229	0.531285	1.1077%
1988	1.861609	0.537170	0.8834%
1987	1.845308	0.541915	0.5594%
1986	1.835043	0.544946	1.3056%
1985	1.811393	0.552061	0.7673%
1984	1.797601	0.556297	0.8149%
1983	1.783070	0.560831	0.9737%
1982	1.765875	0.566292	0.9508%
1981	1.749243	0.571676	0.9031%
1980	1.733587	0.576839	2.2701%
1979	1.695107	0.589933	1.0042%
1978	1.678254	0.595857	0.9896%
1977	1.661809	0.601754	0.9103%
1976	1.646817	0.607232	0.8394%
1975	1.633109	0.612329	0.9042%
1974	1.618475	0.617866	1.1568%
1973	1.599967	0.625013	0.9427%
1972	1.585024	0.630905	0.7426%
1971	1.573340	0.635590	1.4697%
1970	1.550551	0.644932	0.6968%
1969	1.539821	0.649426	0.8565%

1968	1.526744	0.654989	1.5090%
1967	1.504048	0.664873	0.9949%
1966	1.489231	0.671487	1.0575%
1965	1.473648	0.678588	1.1300%
1964	1.457181	0.686256	1.5537%
1963	1.434888	0.696918	1.4658%
1962	1.414159	0.707134	1.5364%
1961	1.392760	0.717999	2.1586%
1960	1.363331	0.733498	-1.6655%
1959	1.386422	0.721281	4.3080%
1958	1.329161	0.752354	2.1130%
1957	1.301658	0.768251	1.9895%
1956	1.276267	0.783535	2.1231%
1955	1.249734	0.800171	1.4496%
1954	1.231876	0.811770	2.1573%
1953	1.205863	0.829282	1.2298%
1952	1.191214	0.839480	1.6814%
1951	1.171516	0.853595	1.6233%
1950	1.152803	0.867451	1.4265%
1949	1.136589	0.879825	1.7790%
1948	1.116722	0.895478	1.8242%
1947	1.096716	0.911813	-2.6320%
1946	1.126363	0.887814	3.1768%
1945	1.091682	0.916018	6.4754%
1944	1.025290	0.975334	-0.3437%
1943	1.028826	0.971982	0.6562%
1942	1.022119	0.978360	0.6633%
1941	1.015384	0.984850	-5.6614%
1940	1.076319	0.929093	8.0381%
1939	0.996240	1.003774	0.8126%
1938	0.988209	1.011931	0.7762%
1937	0.980597	1.019787	0.6029%
1936	0.974721	1.025935	0.5244%
1935	0.969636	1.031315	-3.0364%
1934	1.000000	1.000000	4.6271%
1933	0.955775	1.046271	1.3921%
1932	0.942652	1.060837	-0.2051%
1931	0.944589	1.058661	0.8886%
1930	0.936270	1.068068	1.0126%
1929	0.926884	1.078883	1.1526%
1928	0.916323	1.091318	1.2160%
1927	0.905314	1.104589	1.4086%
1926	0.892739	1.120148	1.7667%
1925	0.877241	1.139937	1.4465%
1924	0.864733	1.156427	1.7700%
1923	0.849693	1.176895	1.6165%
1922	0.836176	1.195920	1.3736%
1921	0.824846	1.212347	2.3393%
1920	0.805991	1.240708	1.3140%
1919	0.795538	1.257011	0.7676%
1918	0.789478	1.266660	0.3870%
1917	0.786434	1.271562	1.3274%
1916	0.776132	1.288441	1.4083%

1915	0.765353	1.306586	1.4458%
1914	0.754445	1.325477	1.9424%
1913	0.740070	1.351223	1.9857%
1912	0.725661	1.378054	1.5634%
1911	0.714491	1.399598	1.8169%
1910	0.701741	1.425028	1.8781%
1909	0.688804	1.451791	2.0082%
1908	0.675244	1.480946	1.9603%
1907	0.662262	1.509977	1.8264%
1906	0.650384	1.537554	1.9357%
1905	0.638033	1.567316	2.0148%
1904	0.625432	1.598895	2.1335%
1903	0.612367	1.633008	1.8151%
1902	0.601450	1.662649	1.8943%
1901	0.590268	1.694146	3.0255%
1900	0.572934	1.745402	0.6278%
1899	0.569359	1.756360	1.7757%
1898	0.559426	1.787547	1.8078%
1897	0.549492	1.819862	1.8396%
1896	0.539566	1.853340	1.8755%
1895	0.529633	1.888100	1.9114%
1894	0.519699	1.924189	1.9486%
1893	0.509766	1.961684	1.9858%
1892	0.499840	2.000640	2.0276%
1891	0.489907	2.041205	2.6465%
1890	0.477276	2.095226	1.5328%
1889	0.470070	2.127342	2.0811%
1888	0.460487	2.171615	2.1599%
1887	0.450751	2.218518	2.2075%
1886	0.441016	2.267493	2.2592%
1885	0.431273	2.318719	2.3095%
1884	0.421537	2.372271	2.3641%
1883	0.411801	2.428355	2.4214%
1882	0.402066	2.487155	2.4815%
1881	0.392330	2.548873	3.7644%
1880	0.378097	2.644822	0.9432%
1879	0.374564	2.669769	2.1464%
1878	0.366694	2.727073	2.1913%
1877	0.358831	2.786831	2.2426%
1876	0.350960	2.849329	2.2941%
1875	0.343089	2.914694	2.3456%
1874	0.335226	2.983061	2.4043%
1873	0.327355	3.054783	2.4635%
1872	0.319485	3.130039	2.5258%
1871	0.311614	3.209097	5.9947%
1870	0.293990	3.401472	-1.0968%
1869	0.297251	3.364165	2.1930%
1868	0.290872	3.437940	2.2394%
1867	0.284501	3.514929	2.2935%
1866	0.278122	3.595544	2.3445%
1865	0.271751	3.679841	2.4037%
1864	0.265372	3.768293	2.4599%
1863	0.259001	3.860989	2.5250%

1862	0.252622	3.958479	2.5872%
1861	0.246251	4.060895	2.9504%
1860	0.239194	4.180707	2.4012%
1859	0.233585	4.281096	2.7627%
1858	0.227305	4.399370	2.8412%
1857	0.221025	4.524365	2.9243%
1856	0.214746	4.656671	3.0161%
1855	0.208458	4.797123	3.1061%
1854	0.202179	4.946124	3.2056%
1853	0.195899	5.104678	3.3118%
1852	0.189619	5.273734	3.4252%
1851	0.183339	5.454372	4.0106%
1850	0.176270	5.673125	2.3254%
1849	0.172264	5.805046	2.7841%
1848	0.167598	5.966664	2.8590%
1847	0.162939	6.137251	2.9432%
1846	0.158281	6.317880	3.0324%
1845	0.153622	6.509464	3.1325%
1844	0.148956	6.713373	3.2284%
1843	0.144298	6.930105	3.3361%
1842	0.139640	7.161297	3.4512%
1841	0.134981	7.408448	3.8105%
1840	0.130026	7.690746	2.3861%
1839	0.126996	7.874251	2.5824%
1838	0.123799	8.077595	2.6573%
1837	0.120595	8.292243	2.7232%
1836	0.117398	8.518057	2.7994%
1835	0.114201	8.756515	2.8871%
1834	0.110996	9.009327	2.9657%
1833	0.107799	9.276515	3.0563%
1832	0.104602	9.560035	3.1604%
1831	0.101398	9.862173	3.4660%
1830	0.098001	10.203992	2.4653%
1829	0.095643	10.455551	2.6804%
1828	0.093146	10.735801	10.3427%
1827	0.084415	11.846168	-4.2314%
1826	0.088145	11.344905	2.9150%
1825	0.085649	11.675613	3.0026%
1824	0.083152	12.026181	3.0955%
1823	0.080655	12.398452	3.1944%
1822	0.078159	12.794507	3.3102%
1821	0.075654	13.218030	3.2277%
1820	0.073289	13.644673	2.6573%
1819	0.071392	14.007250	2.6261%
1818	0.069565	14.375096	2.6969%
1817	0.067738	14.762782	2.7717%
1816	0.065911	15.171960	2.8507%
1815	0.064084	15.604466	2.9343%
1814	0.062257	16.062355	3.0231%
1813	0.060431	16.547928	3.1039%
1812	0.058611	17.061558	3.2172%
1811	0.056784	17.610456	3.0969%
1810	0.055079	18.155837	2.9144%

1809	0.053519	18.684967	2.8225%
1808	0.052050	19.212343	2.9199%
1807	0.050573	19.773329	2.9918%
1806	0.049104	20.364905	3.0841%
1805	0.047635	20.992969	3.1822%
1804	0.046166	21.661006	3.2868%
1803	0.044697	22.372956	3.3985%
1802	0.043228	23.133298	3.5180%
1801	0.041759	23.947138	3.3999%
1800	0.040386	24.761328	2.8419%
1799	0.039270	25.465013	2.7485%
1798	0.038219	26.164907	2.8261%
1797	0.037169	26.904362	3.7832%
1796	0.035814	27.922210	2.1272%
1795	0.035068	28.516171	3.0879%
1794	0.034017	29.396733	3.1625%
1793	0.032975	30.326408	3.2904%
1792	0.031924	31.324273	3.4024%
1791	0.030874	32.390039	3.2296%
1790	0.029908	33.436096	41.3145%
1780	0.021164	47.250036	29.4353%
1770	0.016351	61.158233	83.4728%
1750	0.008912	112.208746	29.2845%
1740	0.006893	145.068463	94.2514%
1720	0.003549	281.797512	85.8111%
1700	0.001910	523.611000	19.2490%
1690	0.001602	624.401141	88.0250%
1670	0.000852	1174.030384	

BASE YEAR: 1933

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.400611	0.416561	8.2857%
2001	2.216924	0.451075	1.0000%
2000	2.194974	0.455586	1.0000%
1999	2.173242	0.460142	1.0000%
1998	2.151725	0.464743	1.0000%
1997	2.130421	0.469391	1.0000%
1996	2.109327	0.474085	1.0000%
1995	2.088443	0.478826	0.9992%
1994	2.067781	0.483610	1.0008%
1993	2.047292	0.488450	1.0000%
1992	2.027022	0.493335	0.9295%
1991	2.008354	0.497920	1.2505%
1990	1.983550	0.504147	0.7224%
1989	1.969322	0.507789	1.1077%
1988	1.947748	0.513414	0.8834%
1987	1.930693	0.517949	0.5594%
1986	1.919953	0.520846	1.3056%
1985	1.895209	0.527646	0.7673%
1984	1.880778	0.531695	0.8149%
1983	1.865575	0.536028	0.9737%

1982	1.847584	0.541247	0.9508%
1981	1.830182	0.546394	0.9031%
1980	1.813802	0.551328	2.2701%
1979	1.773542	0.563843	1.0042%
1978	1.755909	0.569505	0.9896%
1977	1.738703	0.575141	0.9103%
1976	1.723018	0.580377	0.8394%
1975	1.708674	0.585249	0.9042%
1974	1.693364	0.590541	1.1568%
1973	1.673999	0.597372	0.9427%
1972	1.658365	0.603003	0.7426%
1971	1.646141	0.607482	1.4697%
1970	1.622297	0.616410	0.6968%
1969	1.611071	0.620705	0.8565%
1968	1.597389	0.626022	1.5090%
1967	1.573642	0.635469	0.9949%
1966	1.558140	0.641791	1.0575%
1965	1.541835	0.648578	1.1300%
1964	1.524607	0.655907	1.5537%
1963	1.501282	0.666097	1.4658%
1962	1.479594	0.675861	1.5364%
1961	1.457205	0.686245	2.1586%
1960	1.426414	0.701059	-1.6655%
1959	1.450573	0.689383	4.3080%
1958	1.390663	0.719081	2.1130%
1957	1.361887	0.734275	1.9895%
1956	1.335321	0.748884	2.1231%
1955	1.307560	0.764783	1.4496%
1954	1.288877	0.775869	2.1573%
1953	1.261659	0.792607	1.2298%
1952	1.246333	0.802354	1.6814%
1951	1.225724	0.815845	1.6233%
1950	1.206145	0.829088	1.4265%
1949	1.189180	0.840915	1.7790%
1948	1.168394	0.855876	1.8242%
1947	1.147463	0.871488	-2.6320%
1946	1.178481	0.848550	3.1768%
1945	1.142195	0.875507	6.4754%
1944	1.072732	0.932200	-0.3437%
1943	1.076431	0.928996	0.6562%
1942	1.069413	0.935092	0.6633%
1941	1.062367	0.941295	-5.6614%
1940	1.126121	0.888004	8.0381%
1939	1.042337	0.959383	0.8126%
1938	1.033935	0.967179	0.7762%
1937	1.025971	0.974687	0.6029%
1936	1.019823	0.980563	0.5244%
1935	1.014503	0.985705	-3.0364%
1934	1.046271	0.955775	4.6271%
1933	1.000000	1.000000	1.3921%
1932	0.986270	1.013921	-0.2051%
1931	0.988297	1.011842	0.8886%
1930	0.979592	1.020833	1.0126%

1929	0.969772	1.031170	1.1526%
1928	0.958722	1.043055	1.2160%
1927	0.947204	1.055739	1.4086%
1926	0.934047	1.070609	1.7667%
1925	0.917832	1.089524	1.4465%
1924	0.904745	1.105284	1.7700%
1923	0.889010	1.124847	1.6165%
1922	0.874867	1.143030	1.3736%
1921	0.863013	1.158732	2.3393%
1920	0.843286	1.185838	1.3140%
1919	0.832348	1.201420	0.7676%
1918	0.826008	1.210643	0.3870%
1917	0.822823	1.215328	1.3274%
1916	0.812044	1.231460	1.4083%
1915	0.800767	1.248803	1.4458%
1914	0.789354	1.266858	1.9424%
1913	0.774314	1.291465	1.9857%
1912	0.759238	1.317110	1.5634%
1911	0.747551	1.337701	1.8169%
1910	0.734211	1.362006	1.8781%
1909	0.720676	1.387586	2.0082%
1908	0.706488	1.415452	1.9603%
1907	0.692906	1.443198	1.8264%
1906	0.680478	1.469556	1.9357%
1905	0.667556	1.498002	2.0148%
1904	0.654371	1.528184	2.1335%
1903	0.640702	1.560788	1.8151%
1902	0.629280	1.589119	1.8943%
1901	0.617580	1.619222	3.0255%
1900	0.599444	1.668212	0.6278%
1899	0.595704	1.678686	1.7757%
1898	0.585311	1.708493	1.8078%
1897	0.574918	1.739379	1.8396%
1896	0.564533	1.771376	1.8755%
1895	0.554140	1.804599	1.9114%
1894	0.543747	1.839092	1.9486%
1893	0.533354	1.874929	1.9858%
1892	0.522968	1.912162	2.0276%
1891	0.512575	1.950933	2.6465%
1890	0.499360	2.002565	1.5328%
1889	0.491821	2.033260	2.0811%
1888	0.481794	2.075575	2.1599%
1887	0.471608	2.120405	2.2075%
1886	0.461422	2.167213	2.2592%
1885	0.451228	2.216174	2.3095%
1884	0.441042	2.267358	2.3641%
1883	0.430856	2.320961	2.4214%
1882	0.420670	2.377161	2.4815%
1881	0.410484	2.436149	3.7644%
1880	0.395592	2.527855	0.9432%
1879	0.391896	2.551699	2.1464%
1878	0.383661	2.606468	2.1913%
1877	0.375434	2.663584	2.2426%

1876	0.367199	2.723318	2.2941%
1875	0.358964	2.785792	2.3456%
1874	0.350737	2.851135	2.4043%
1873	0.342503	2.919686	2.4635%
1872	0.334268	2.991613	2.5258%
1871	0.326033	3.067175	5.9947%
1870	0.307594	3.251042	-1.0968%
1869	0.311005	3.215385	2.1930%
1868	0.304331	3.285897	2.2394%
1867	0.297665	3.359482	2.2935%
1866	0.290991	3.436532	2.3445%
1865	0.284325	3.517100	2.4037%
1864	0.277651	3.601641	2.4599%
1863	0.270985	3.690237	2.5250%
1862	0.264311	3.783416	2.5872%
1861	0.257646	3.881302	2.9504%
1860	0.250262	3.995816	2.4012%
1859	0.244393	4.091765	2.7627%
1858	0.237823	4.204809	2.8412%
1857	0.231253	4.324276	2.9243%
1856	0.224682	4.450730	3.0161%
1855	0.218104	4.584970	3.1061%
1854	0.211534	4.727382	3.2056%
1853	0.204963	4.878924	3.3118%
1852	0.198393	5.040504	3.4252%
1851	0.191822	5.213153	4.0106%
1850	0.184426	5.422232	2.3254%
1849	0.180235	5.548319	2.7841%
1848	0.175353	5.702789	2.8590%
1847	0.170479	5.865832	2.9432%
1846	0.165605	6.038473	3.0324%
1845	0.160731	6.221584	3.1325%
1844	0.155849	6.416475	3.2284%
1843	0.150975	6.623622	3.3361%
1842	0.146101	6.844590	3.4512%
1841	0.141227	7.080810	3.8105%
1840	0.136043	7.350623	2.3861%
1839	0.132872	7.526013	2.5824%
1838	0.129528	7.720364	2.6573%
1837	0.126175	7.925519	2.7232%
1836	0.122830	8.141347	2.7994%
1835	0.119485	8.369259	2.8871%
1834	0.116132	8.610890	2.9657%
1833	0.112787	8.866262	3.0563%
1832	0.109442	9.137243	3.1604%
1831	0.106089	9.426019	3.4660%
1830	0.102535	9.752722	2.4653%
1829	0.100068	9.993156	2.6804%
1828	0.097456	10.261012	10.3427%
1827	0.088321	11.322272	-4.2314%
1826	0.092224	10.843178	2.9150%
1825	0.089612	11.159261	3.0026%
1824	0.086999	11.494324	3.0955%

1823	0.084387	11.850132	3.1944%
1822	0.081775	12.228672	3.3102%
1821	0.079155	12.633464	3.2277%
1820	0.076680	13.041239	2.6573%
1819	0.074695	13.387781	2.6261%
1818	0.072784	13.739359	2.6969%
1817	0.070872	14.109900	2.7717%
1816	0.068961	14.500982	2.8507%
1815	0.067049	14.914360	2.9343%
1814	0.065138	15.351999	3.0231%
1813	0.063227	15.816098	3.1039%
1812	0.061323	16.307013	3.2172%
1811	0.059412	16.831635	3.0969%
1810	0.057627	17.352897	2.9144%
1809	0.055995	17.858626	2.8225%
1808	0.054458	18.362679	2.9199%
1807	0.052913	18.898856	2.9918%
1806	0.051376	19.464269	3.0841%
1805	0.049839	20.064557	3.1822%
1804	0.048302	20.703050	3.2868%
1803	0.046765	21.383515	3.3985%
1802	0.045228	22.110231	3.5180%
1801	0.043691	22.888079	3.3999%
1800	0.042254	23.666261	2.8419%
1799	0.041087	24.338825	2.7485%
1798	0.039988	25.007767	2.8261%
1797	0.038889	25.714520	3.7832%
1796	0.037471	26.687354	2.1272%
1795	0.036690	27.255047	3.0879%
1794	0.035591	28.096666	3.1625%
1793	0.034500	28.985226	3.2904%
1792	0.033401	29.938960	3.4024%
1791	0.032302	30.957594	3.2296%
1790	0.031292	31.957389	41.3145%
1780	0.022143	45.160409	29.4353%
1770	0.017108	58.453517	83.4728%
1750	0.009324	107.246327	29.2845%
1740	0.007212	138.652827	94.2514%
1720	0.003713	269.335049	85.8111%
1700	0.001998	500.454364	19.2490%
1690	0.001676	596.787072	88.0250%
1670	0.000891	1122.109026	

BASE YEAR: 1932

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.434031	0.410841	8.2857%
2001	2.247787	0.444882	1.0000%
2000	2.225531	0.449331	1.0000%
1999	2.203496	0.453824	1.0000%
1998	2.181679	0.458363	1.0000%
1997	2.160079	0.462946	1.0000%

1996	2.138692	0.467576	1.0000%
1995	2.117516	0.472251	0.9992%
1994	2.096567	0.476970	1.0008%
1993	2.075793	0.481744	1.0000%
1992	2.055241	0.486561	0.9295%
1991	2.036313	0.491084	1.2505%
1990	2.011163	0.497225	0.7224%
1989	1.996738	0.500817	1.1077%
1988	1.974863	0.506364	0.8834%
1987	1.957570	0.510837	0.5594%
1986	1.946681	0.513695	1.3056%
1985	1.921592	0.520402	0.7673%
1984	1.906961	0.524395	0.8149%
1983	1.891546	0.528668	0.9737%
1982	1.873304	0.533816	0.9508%
1981	1.855661	0.538892	0.9031%
1980	1.839053	0.543758	2.2701%
1979	1.798232	0.556102	1.0042%
1978	1.780354	0.561686	0.9896%
1977	1.762908	0.567245	0.9103%
1976	1.747004	0.572408	0.8394%
1975	1.732461	0.577213	0.9042%
1974	1.716937	0.582432	1.1568%
1973	1.697303	0.589170	0.9427%
1972	1.681452	0.594724	0.7426%
1971	1.669057	0.599141	1.4697%
1970	1.644881	0.607947	0.6968%
1969	1.633499	0.612183	0.8565%
1968	1.619626	0.617426	1.5090%
1967	1.595549	0.626744	0.9949%
1966	1.579831	0.632979	1.0575%
1965	1.563299	0.639673	1.1300%
1964	1.545831	0.646901	1.5537%
1963	1.522182	0.656952	1.4658%
1962	1.500192	0.666581	1.5364%
1961	1.477491	0.676823	2.1586%
1960	1.446271	0.691433	-1.6655%
1959	1.470767	0.679917	4.3080%
1958	1.410023	0.709208	2.1130%
1957	1.380846	0.724194	1.9895%
1956	1.353910	0.738601	2.1231%
1955	1.325763	0.754283	1.4496%
1954	1.306819	0.765217	2.1573%
1953	1.279223	0.781724	1.2298%
1952	1.263683	0.791338	1.6814%
1951	1.242787	0.804643	1.6233%
1950	1.222935	0.817705	1.4265%
1949	1.205735	0.829369	1.7790%
1948	1.184660	0.844124	1.8242%
1947	1.163437	0.859522	-2.6320%
1946	1.194887	0.836900	3.1768%
1945	1.158096	0.863486	6.4754%
1944	1.087665	0.919400	-0.3437%

1943	1.091416	0.916241	0.6562%
1942	1.084301	0.922253	0.6633%
1941	1.077156	0.928371	-5.6614%
1940	1.141798	0.875812	8.0381%
1939	1.056848	0.946210	0.8126%
1938	1.048328	0.953899	0.7762%
1937	1.040254	0.961304	0.6029%
1936	1.034020	0.967100	0.5244%
1935	1.028626	0.972171	-3.0364%
1934	1.060837	0.942652	4.6271%
1933	1.013921	0.986270	1.3921%
1932	1.000000	1.000000	-0.2051%
1931	1.002055	0.997949	0.8886%
1930	0.993229	1.006817	1.0126%
1929	0.983273	1.017012	1.1526%
1928	0.972069	1.028734	1.2160%
1927	0.960390	1.041243	1.4086%
1926	0.947050	1.055910	1.7667%
1925	0.930609	1.074565	1.4465%
1924	0.917340	1.090108	1.7700%
1923	0.901386	1.109403	1.6165%
1922	0.887047	1.127337	1.3736%
1921	0.875027	1.142822	2.3393%
1920	0.855025	1.169556	1.3140%
1919	0.843936	1.184924	0.7676%
1918	0.837507	1.194020	0.3870%
1917	0.834278	1.198641	1.3274%
1916	0.823349	1.214552	1.4083%
1915	0.811915	1.231657	1.4458%
1914	0.800343	1.249464	1.9424%
1913	0.785094	1.273733	1.9857%
1912	0.769808	1.299026	1.5634%
1911	0.757958	1.319335	1.8169%
1910	0.744432	1.343306	1.8781%
1909	0.730709	1.368534	2.0082%
1908	0.716323	1.396017	1.9603%
1907	0.702552	1.423383	1.8264%
1906	0.689951	1.449379	1.9357%
1905	0.676849	1.477434	2.0148%
1904	0.663481	1.507202	2.1335%
1903	0.649621	1.539358	1.8151%
1902	0.638040	1.567300	1.8943%
1901	0.626178	1.596990	3.0255%
1900	0.607789	1.645307	0.6278%
1899	0.603997	1.655637	1.7757%
1898	0.593459	1.685036	1.8078%
1897	0.582922	1.715497	1.8396%
1896	0.572392	1.747055	1.8755%
1895	0.561854	1.779822	1.9114%
1894	0.551316	1.813841	1.9486%
1893	0.540778	1.849186	1.9858%
1892	0.530249	1.885907	2.0276%
1891	0.519711	1.924147	2.6465%

1890	0.506311	1.975069	1.5328%
1889	0.498668	2.005344	2.0811%
1888	0.488501	2.047077	2.1599%
1887	0.478173	2.091291	2.2075%
1886	0.467846	2.137457	2.2592%
1885	0.457510	2.185746	2.3095%
1884	0.447182	2.236227	2.3641%
1883	0.436854	2.289094	2.4214%
1882	0.426526	2.344522	2.4815%
1881	0.416198	2.402701	3.7644%
1880	0.401099	2.493148	0.9432%
1879	0.397351	2.516664	2.1464%
1878	0.389002	2.570681	2.1913%
1877	0.380661	2.627013	2.2426%
1876	0.372311	2.685926	2.2941%
1875	0.363962	2.747543	2.3456%
1874	0.355620	2.811989	2.4043%
1873	0.347271	2.879598	2.4635%
1872	0.338921	2.950538	2.5258%
1871	0.330572	3.025062	5.9947%
1870	0.311876	3.206405	-1.0968%
1869	0.315334	3.171238	2.1930%
1868	0.308568	3.240782	2.2394%
1867	0.301809	3.313356	2.2935%
1866	0.295042	3.389348	2.3445%
1865	0.288283	3.468810	2.4037%
1864	0.281516	3.552190	2.4599%
1863	0.274758	3.639570	2.5250%
1862	0.267991	3.731469	2.5872%
1861	0.261232	3.828011	2.9504%
1860	0.253746	3.940953	2.4012%
1859	0.247796	4.035585	2.7627%
1858	0.241134	4.147077	2.8412%
1857	0.234472	4.264903	2.9243%
1856	0.227810	4.389621	3.0161%
1855	0.221140	4.522019	3.1061%
1854	0.214478	4.662475	3.2056%
1853	0.207817	4.811937	3.3118%
1852	0.201155	4.971298	3.4252%
1851	0.194493	5.141576	4.0106%
1850	0.186993	5.347784	2.3254%
1849	0.182744	5.472140	2.7841%
1848	0.177794	5.624489	2.8590%
1847	0.172852	5.785294	2.9432%
1846	0.167910	5.955564	3.0324%
1845	0.162968	6.136161	3.1325%
1844	0.158018	6.328377	3.2284%
1843	0.153077	6.532679	3.3361%
1842	0.148135	6.750613	3.4512%
1841	0.143193	6.983590	3.8105%
1840	0.137937	7.249699	2.3861%
1839	0.134722	7.422680	2.5824%
1838	0.131331	7.614363	2.6573%

1837	0.127931	7.816701	2.7232%
1836	0.124540	8.029566	2.7994%
1835	0.121148	8.254349	2.8871%
1834	0.117749	8.492662	2.9657%
1833	0.114357	8.744528	3.0563%
1832	0.110966	9.011789	3.1604%
1831	0.107566	9.296599	3.4660%
1830	0.103963	9.618816	2.4653%
1829	0.101462	9.855949	2.6804%
1828	0.098813	10.120127	10.3427%
1827	0.089551	11.166817	-4.2314%
1826	0.093508	10.694301	2.9150%
1825	0.090859	11.006043	3.0026%
1824	0.088211	11.336507	3.0955%
1823	0.085562	11.687429	3.1944%
1822	0.082913	12.060771	3.3102%
1821	0.080257	12.460006	3.2277%
1820	0.077747	12.862183	2.6573%
1819	0.075735	13.203966	2.6261%
1818	0.073797	13.550717	2.6969%
1817	0.071859	13.916170	2.7717%
1816	0.069921	14.301882	2.8507%
1815	0.067983	14.709585	2.9343%
1814	0.066045	15.141215	3.0231%
1813	0.064107	15.598942	3.1039%
1812	0.062177	16.083117	3.2172%
1811	0.060239	16.600536	3.0969%
1810	0.058430	17.114641	2.9144%
1809	0.056775	17.613426	2.8225%
1808	0.055216	18.110559	2.9199%
1807	0.053650	18.639374	2.9918%
1806	0.052091	19.197024	3.0841%
1805	0.050533	19.789070	3.1822%
1804	0.048974	20.418796	3.2868%
1803	0.047416	21.089918	3.3985%
1802	0.045858	21.806656	3.5180%
1801	0.044299	22.573824	3.3999%
1800	0.042842	23.341322	2.8419%
1799	0.041659	24.004652	2.7485%
1798	0.040544	24.664409	2.8261%
1797	0.039430	25.361458	3.7832%
1796	0.037993	26.320935	2.1272%
1795	0.037201	26.880834	3.0879%
1794	0.036087	27.710897	3.1625%
1793	0.034981	28.587258	3.2904%
1792	0.033866	29.527897	3.4024%
1791	0.032752	30.532544	3.2296%
1790	0.031727	31.518612	41.3145%
1780	0.022452	44.540354	29.4353%
1770	0.017346	57.650947	83.4728%
1750	0.009454	105.773830	29.2845%
1740	0.007313	136.749117	94.2514%
1720	0.003765	265.637066	85.8111%

1700	0.002026	493.583101	19.2490%
1690	0.001699	588.593156	88.0250%
1670	0.000904	1106.702413	

BASE YEAR: 1931

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.429039	0.411685	8.2857%
2001	2.243177	0.445796	1.0000%
2000	2.220967	0.450254	1.0000%
1999	2.198977	0.454757	1.0000%
1998	2.177205	0.459304	1.0000%
1997	2.155649	0.463898	1.0000%
1996	2.134305	0.468536	1.0000%
1995	2.113174	0.473222	0.9992%
1994	2.092267	0.477950	1.0008%
1993	2.071536	0.482734	1.0000%
1992	2.051026	0.487561	0.9295%
1991	2.032137	0.492093	1.2505%
1990	2.007038	0.498247	0.7224%
1989	1.992643	0.501846	1.1077%
1988	1.970813	0.507405	0.8834%
1987	1.953556	0.511887	0.5594%
1986	1.942689	0.514750	1.3056%
1985	1.917651	0.521471	0.7673%
1984	1.903050	0.525472	0.8149%
1983	1.887666	0.529755	0.9737%
1982	1.869462	0.534913	0.9508%
1981	1.851855	0.539999	0.9031%
1980	1.835281	0.544876	2.2701%
1979	1.794544	0.557245	1.0042%
1978	1.776702	0.562840	0.9896%
1977	1.759292	0.568410	0.9103%
1976	1.743421	0.573585	0.8394%
1975	1.728908	0.578400	0.9042%
1974	1.713416	0.583629	1.1568%
1973	1.693822	0.590381	0.9427%
1972	1.678003	0.595946	0.7426%
1971	1.665634	0.600372	1.4697%
1970	1.641508	0.609196	0.6968%
1969	1.630149	0.613441	0.8565%
1968	1.616305	0.618695	1.5090%
1967	1.592276	0.628032	0.9949%
1966	1.576591	0.634280	1.0575%
1965	1.560093	0.640987	1.1300%
1964	1.542661	0.648231	1.5537%
1963	1.519060	0.658302	1.4658%
1962	1.497115	0.667951	1.5364%
1961	1.474461	0.678214	2.1586%
1960	1.443305	0.692854	-1.6655%
1959	1.467750	0.681315	4.3080%
1958	1.407131	0.710666	2.1130%

1957	1.378014	0.725682	1.9895%
1956	1.351134	0.740119	2.1231%
1955	1.323044	0.755833	1.4496%
1954	1.304139	0.766789	2.1573%
1953	1.276600	0.783331	1.2298%
1952	1.261091	0.792964	1.6814%
1951	1.240238	0.806297	1.6233%
1950	1.220427	0.819385	1.4265%
1949	1.203262	0.831074	1.7790%
1948	1.182230	0.845859	1.8242%
1947	1.161051	0.861289	-2.6320%
1946	1.192436	0.838619	3.1768%
1945	1.155721	0.865261	6.4754%
1944	1.085435	0.921290	-0.3437%
1943	1.089178	0.918124	0.6562%
1942	1.082077	0.924149	0.6633%
1941	1.074947	0.930278	-5.6614%
1940	1.139456	0.877611	8.0381%
1939	1.054680	0.948155	0.8126%
1938	1.046179	0.955860	0.7762%
1937	1.038120	0.963280	0.6029%
1936	1.031899	0.969087	0.5244%
1935	1.026516	0.974169	-3.0364%
1934	1.058661	0.944589	4.6271%
1933	1.011842	0.988297	1.3921%
1932	0.997949	1.002055	-0.2051%
1931	1.000000	1.000000	0.8886%
1930	0.991192	1.008886	1.0126%
1929	0.981256	1.019102	1.1526%
1928	0.970075	1.030848	1.2160%
1927	0.958421	1.043383	1.4086%
1926	0.945108	1.058080	1.7667%
1925	0.928701	1.076773	1.4465%
1924	0.915459	1.092348	1.7700%
1923	0.899537	1.111683	1.6165%
1922	0.885227	1.129653	1.3736%
1921	0.873232	1.145171	2.3393%
1920	0.853272	1.171960	1.3140%
1919	0.842205	1.187359	0.7676%
1918	0.835789	1.196474	0.3870%
1917	0.832567	1.201104	1.3274%
1916	0.821660	1.217048	1.4083%
1915	0.810249	1.234188	1.4458%
1914	0.798702	1.252032	1.9424%
1913	0.783484	1.276351	1.9857%
1912	0.768229	1.301695	1.5634%
1911	0.756403	1.322046	1.8169%
1910	0.742905	1.346066	1.8781%
1909	0.729210	1.371346	2.0082%
1908	0.714854	1.398886	1.9603%
1907	0.701111	1.426308	1.8264%
1906	0.688536	1.452357	1.9357%
1905	0.675461	1.480470	2.0148%

1904	0.662120	1.510299	2.1335%
1903	0.648289	1.542522	1.8151%
1902	0.636731	1.570521	1.8943%
1901	0.624894	1.600272	3.0255%
1900	0.606543	1.648688	0.6278%
1899	0.602758	1.659040	1.7757%
1898	0.592242	1.688498	1.8078%
1897	0.581726	1.719022	1.8396%
1896	0.571218	1.750645	1.8755%
1895	0.560702	1.783479	1.9114%
1894	0.550186	1.817569	1.9486%
1893	0.539669	1.852986	1.9858%
1892	0.529161	1.889783	2.0276%
1891	0.518645	1.928101	2.6465%
1890	0.505273	1.979128	1.5328%
1889	0.497645	2.009465	2.0811%
1888	0.487499	2.051284	2.1599%
1887	0.477193	2.095589	2.2075%
1886	0.466886	2.141850	2.2592%
1885	0.456571	2.190238	2.3095%
1884	0.446265	2.240822	2.3641%
1883	0.435958	2.293799	2.4214%
1882	0.425651	2.349340	2.4815%
1881	0.415345	2.407638	3.7644%
1880	0.400277	2.498271	0.9432%
1879	0.396537	2.521836	2.1464%
1878	0.388204	2.575964	2.1913%
1877	0.379880	2.632411	2.2426%
1876	0.371547	2.691446	2.2941%
1875	0.363215	2.753189	2.3456%
1874	0.354891	2.817768	2.4043%
1873	0.346558	2.885516	2.4635%
1872	0.338226	2.956602	2.5258%
1871	0.329894	3.031279	5.9947%
1870	0.311236	3.212994	-1.0968%
1869	0.314688	3.177755	2.1930%
1868	0.307935	3.247442	2.2394%
1867	0.301190	3.320165	2.2935%
1866	0.294437	3.396313	2.3445%
1865	0.287692	3.475939	2.4037%
1864	0.280939	3.559490	2.4599%
1863	0.274194	3.647049	2.5250%
1862	0.267441	3.739138	2.5872%
1861	0.260696	3.835878	2.9504%
1860	0.253225	3.949052	2.4012%
1859	0.247287	4.043879	2.7627%
1858	0.240639	4.155599	2.8412%
1857	0.233991	4.273668	2.9243%
1856	0.227343	4.398642	3.0161%
1855	0.220687	4.531312	3.1061%
1854	0.214038	4.672057	3.2056%
1853	0.207390	4.821825	3.3118%
1852	0.200742	4.981514	3.4252%

1851	0.194094	5.152142	4.0106%
1850	0.186610	5.358774	2.3254%
1849	0.182369	5.483386	2.7841%
1848	0.177429	5.636048	2.8590%
1847	0.172498	5.797183	2.9432%
1846	0.167566	5.967803	3.0324%
1845	0.162634	6.148771	3.1325%
1844	0.157694	6.341382	3.2284%
1843	0.152763	6.546104	3.3361%
1842	0.147831	6.764486	3.4512%
1841	0.142899	6.997942	3.8105%
1840	0.137654	7.264597	2.3861%
1839	0.134446	7.437935	2.5824%
1838	0.131061	7.630011	2.6573%
1837	0.127669	7.832765	2.7232%
1836	0.124284	8.046068	2.7994%
1835	0.120900	8.271312	2.8871%
1834	0.117507	8.510115	2.9657%
1833	0.114123	8.762498	3.0563%
1832	0.110738	9.030309	3.1604%
1831	0.107346	9.315705	3.4660%
1830	0.103750	9.638584	2.4653%
1829	0.101253	9.876204	2.6804%
1828	0.098610	10.140925	10.3427%
1827	0.089367	11.189766	-4.2314%
1826	0.093316	10.716278	2.9150%
1825	0.090673	11.028662	3.0026%
1824	0.088030	11.359804	3.0955%
1823	0.085387	11.711448	3.1944%
1822	0.082743	12.085557	3.3102%
1821	0.080092	12.485612	3.2277%
1820	0.077588	12.888615	2.6573%
1819	0.075579	13.231101	2.6261%
1818	0.073645	13.578564	2.6969%
1817	0.071711	13.944769	2.7717%
1816	0.069777	14.331274	2.8507%
1815	0.067843	14.739815	2.9343%
1814	0.065909	15.172332	3.0231%
1813	0.063975	15.630999	3.1039%
1812	0.062049	16.116169	3.2172%
1811	0.060115	16.634651	3.0969%
1810	0.058310	17.149813	2.9144%
1809	0.056658	17.649623	2.8225%
1808	0.055103	18.147777	2.9199%
1807	0.053540	18.677679	2.9918%
1806	0.051985	19.236475	3.0841%
1805	0.050429	19.829738	3.1822%
1804	0.048874	20.460758	3.2868%
1803	0.047319	21.133260	3.3985%
1802	0.045764	21.851470	3.5180%
1801	0.044208	22.620215	3.3999%
1800	0.042755	23.389290	2.8419%
1799	0.041573	24.053983	2.7485%

1798	0.040461	24.715097	2.8261%
1797	0.039349	25.413578	3.7832%
1796	0.037915	26.375027	2.1272%
1795	0.037125	26.936076	3.0879%
1794	0.036013	27.767845	3.1625%
1793	0.034909	28.646006	3.2904%
1792	0.033797	29.588579	3.4024%
1791	0.032685	30.595291	3.2296%
1790	0.031662	31.583385	41.3145%
1780	0.022406	44.631887	29.4353%
1770	0.017310	57.769424	83.4728%
1750	0.009435	105.991203	29.2845%
1740	0.007298	137.030146	94.2514%
1720	0.003757	266.182969	85.8111%
1700	0.002022	494.597449	19.2490%
1690	0.001695	589.802757	88.0250%
1670	0.000902	1108.976765	

BASE YEAR: 1930

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.450623	0.408059	8.2857%
2001	2.263110	0.441870	1.0000%
2000	2.240702	0.446289	1.0000%
1999	2.218517	0.450752	1.0000%
1998	2.196552	0.455259	1.0000%
1997	2.174804	0.459812	1.0000%
1996	2.153271	0.464410	1.0000%
1995	2.131951	0.469054	0.9992%
1994	2.110859	0.473741	1.0008%
1993	2.089944	0.478482	1.0000%
1992	2.069251	0.483267	0.9295%
1991	2.050194	0.487759	1.2505%
1990	2.024873	0.493858	0.7224%
1989	2.010349	0.497426	1.1077%
1988	1.988325	0.502936	0.8834%
1987	1.970915	0.507379	0.5594%
1986	1.959952	0.510217	1.3056%
1985	1.934692	0.516878	0.7673%
1984	1.919960	0.520844	0.8149%
1983	1.904440	0.525089	0.9737%
1982	1.886074	0.530202	0.9508%
1981	1.868310	0.535243	0.9031%
1980	1.851589	0.540077	2.2701%
1979	1.810490	0.552337	1.0042%
1978	1.792490	0.557883	0.9896%
1977	1.774925	0.563404	0.9103%
1976	1.758913	0.568533	0.8394%
1975	1.744271	0.573305	0.9042%
1974	1.728641	0.578489	1.1568%
1973	1.708873	0.585181	0.9427%
1972	1.692914	0.590697	0.7426%

1971	1.680435	0.595084	1.4697%
1970	1.656094	0.603830	0.6968%
1969	1.644634	0.608038	0.8565%
1968	1.630667	0.613246	1.5090%
1967	1.606425	0.622500	0.9949%
1966	1.590600	0.628693	1.0575%
1965	1.573956	0.635342	1.1300%
1964	1.556369	0.642521	1.5537%
1963	1.532558	0.652504	1.4658%
1962	1.510418	0.662068	1.5364%
1961	1.487563	0.672240	2.1586%
1960	1.456130	0.686752	-1.6655%
1959	1.480793	0.675314	4.3080%
1958	1.419635	0.704406	2.1130%
1957	1.390259	0.719290	1.9895%
1956	1.363140	0.733600	2.1231%
1955	1.334801	0.749176	1.4496%
1954	1.315728	0.760036	2.1573%
1953	1.287944	0.776432	1.2298%
1952	1.272297	0.785980	1.6814%
1951	1.251259	0.799195	1.6233%
1950	1.231272	0.812168	1.4265%
1949	1.213955	0.823754	1.7790%
1948	1.192735	0.838409	1.8242%
1947	1.171368	0.853703	-2.6320%
1946	1.203032	0.831233	3.1768%
1945	1.165991	0.857640	6.4754%
1944	1.095080	0.913175	-0.3437%
1943	1.098856	0.910037	0.6562%
1942	1.091692	0.916009	0.6633%
1941	1.084499	0.922085	-5.6614%
1940	1.149582	0.869882	8.0381%
1939	1.064052	0.939804	0.8126%
1938	1.055475	0.947441	0.7762%
1937	1.047345	0.954795	0.6029%
1936	1.041069	0.960552	0.5244%
1935	1.035638	0.965589	-3.0364%
1934	1.068068	0.936270	4.6271%
1933	1.020833	0.979592	1.3921%
1932	1.006817	0.993229	-0.2051%
1931	1.008886	0.991192	0.8886%
1930	1.000000	1.000000	1.0126%
1929	0.989976	1.010126	1.1526%
1928	0.978695	1.021768	1.2160%
1927	0.966937	1.034193	1.4086%
1926	0.953506	1.048761	1.7667%
1925	0.936953	1.067289	1.4465%
1924	0.923594	1.082727	1.7700%
1923	0.907531	1.101891	1.6165%
1922	0.893093	1.119704	1.3736%
1921	0.880992	1.135084	2.3393%
1920	0.860854	1.161638	1.3140%
1919	0.849689	1.176902	0.7676%

1918	0.843216	1.185936	0.3870%
1917	0.839965	1.190525	1.3274%
1916	0.828961	1.206329	1.4083%
1915	0.817449	1.223317	1.4458%
1914	0.805799	1.241004	1.9424%
1913	0.790446	1.265109	1.9857%
1912	0.775056	1.290230	1.5634%
1911	0.763125	1.310402	1.8169%
1910	0.749507	1.334211	1.8781%
1909	0.735690	1.359268	2.0082%
1908	0.721207	1.386565	1.9603%
1907	0.707341	1.413745	1.8264%
1906	0.694654	1.439565	1.9357%
1905	0.681463	1.467431	2.0148%
1904	0.668004	1.496997	2.1335%
1903	0.654050	1.528936	1.8151%
1902	0.642389	1.556688	1.8943%
1901	0.630446	1.586177	3.0255%
1900	0.611932	1.634167	0.6278%
1899	0.608114	1.644427	1.7757%
1898	0.597505	1.673627	1.8078%
1897	0.586895	1.703882	1.8396%
1896	0.576294	1.735226	1.8755%
1895	0.565684	1.767771	1.9114%
1894	0.555074	1.801560	1.9486%
1893	0.544465	1.836666	1.9858%
1892	0.533863	1.873138	2.0276%
1891	0.523254	1.911119	2.6465%
1890	0.509763	1.961697	1.5328%
1889	0.502067	1.991766	2.0811%
1888	0.491831	2.033217	2.1599%
1887	0.481433	2.077132	2.2075%
1886	0.471035	2.122985	2.2592%
1885	0.460628	2.170947	2.3095%
1884	0.450230	2.221086	2.3641%
1883	0.439832	2.273595	2.4214%
1882	0.429434	2.328648	2.4815%
1881	0.419036	2.386433	3.7644%
1880	0.403834	2.476267	0.9432%
1879	0.400060	2.499624	2.1464%
1878	0.391654	2.553276	2.1913%
1877	0.383255	2.609226	2.2426%
1876	0.374849	2.667740	2.2941%
1875	0.366443	2.728940	2.3456%
1874	0.358044	2.792950	2.4043%
1873	0.349638	2.860101	2.4635%
1872	0.341232	2.930561	2.5258%
1871	0.332825	3.004580	5.9947%
1870	0.314002	3.184695	-1.0968%
1869	0.317484	3.149766	2.1930%
1868	0.310671	3.218839	2.2394%
1867	0.303866	3.290922	2.2935%
1866	0.297053	3.366400	2.3445%

1865	0.290248	3.445324	2.4037%
1864	0.283436	3.528139	2.4599%
1863	0.276631	3.614927	2.5250%
1862	0.269818	3.706204	2.5872%
1861	0.263013	3.802093	2.9504%
1860	0.255475	3.914270	2.4012%
1859	0.249485	4.008261	2.7627%
1858	0.242778	4.118998	2.8412%
1857	0.236070	4.236027	2.9243%
1856	0.229363	4.359900	3.0161%
1855	0.222648	4.491401	3.1061%
1854	0.215940	4.630907	3.2056%
1853	0.209233	4.779356	3.3118%
1852	0.202526	4.937638	3.4252%
1851	0.195819	5.106764	4.0106%
1850	0.188268	5.311576	2.3254%
1849	0.183990	5.435090	2.7841%
1848	0.179006	5.586407	2.8590%
1847	0.174030	5.746123	2.9432%
1846	0.169055	5.915241	3.0324%
1845	0.164079	6.094615	3.1325%
1844	0.159096	6.285529	3.2284%
1843	0.154120	6.488448	3.3361%
1842	0.149145	6.704907	3.4512%
1841	0.144169	6.936306	3.8105%
1840	0.138877	7.200613	2.3861%
1839	0.135641	7.372423	2.5824%
1838	0.132226	7.562808	2.6573%
1837	0.128803	7.763776	2.7232%
1836	0.125389	7.975200	2.7994%
1835	0.121974	8.198461	2.8871%
1834	0.118551	8.435161	2.9657%
1833	0.115137	8.685321	3.0563%
1832	0.111722	8.950772	3.1604%
1831	0.108299	9.233654	3.4660%
1830	0.104672	9.553690	2.4653%
1829	0.102153	9.789217	2.6804%
1828	0.099487	10.051607	10.3427%
1827	0.090161	11.091209	-4.2314%
1826	0.094145	10.621892	2.9150%
1825	0.091479	10.931524	3.0026%
1824	0.088812	11.259750	3.0955%
1823	0.086145	11.608297	3.1944%
1822	0.083479	11.979111	3.3102%
1821	0.080804	12.375643	3.2277%
1820	0.078277	12.775096	2.6573%
1819	0.076251	13.114566	2.6261%
1818	0.074300	13.458968	2.6969%
1817	0.072349	13.821948	2.7717%
1816	0.070398	14.205048	2.8507%
1815	0.068446	14.609991	2.9343%
1814	0.066495	15.038698	3.0231%
1813	0.064544	15.493325	3.1039%

1812	0.062601	15.974222	3.2172%
1811	0.060650	16.488138	3.0969%
1810	0.058828	16.998762	2.9144%
1809	0.057162	17.494170	2.8225%
1808	0.055593	17.987937	2.9199%
1807	0.054016	18.513171	2.9918%
1806	0.052447	19.067046	3.0841%
1805	0.050877	19.655083	3.1822%
1804	0.049308	20.280546	3.2868%
1803	0.047739	20.947124	3.3985%
1802	0.046170	21.659009	3.5180%
1801	0.044601	22.420983	3.3999%
1800	0.043135	23.183284	2.8419%
1799	0.041943	23.842123	2.7485%
1798	0.040821	24.497413	2.8261%
1797	0.039699	25.189742	3.7832%
1796	0.038252	26.142723	2.1272%
1795	0.037455	26.698830	3.0879%
1794	0.036333	27.523274	3.1625%
1793	0.035219	28.393701	3.2904%
1792	0.034097	29.327971	3.4024%
1791	0.032975	30.325816	3.2296%
1790	0.031944	31.305208	41.3145%
1780	0.022605	44.238783	29.4353%
1770	0.017464	57.260608	83.4728%
1750	0.009519	105.057662	29.2845%
1740	0.007363	135.823223	94.2514%
1720	0.003790	263.838505	85.8111%
1700	0.002040	490.241176	19.2490%
1690	0.001711	584.607942	88.0250%
1670	0.000910	1099.209214	

BASE YEAR: 1929

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.475438	0.403969	8.2857%
2001	2.286026	0.437440	1.0000%
2000	2.263391	0.441815	1.0000%
1999	2.240982	0.446233	1.0000%
1998	2.218794	0.450695	1.0000%
1997	2.196825	0.455202	1.0000%
1996	2.175075	0.459754	1.0000%
1995	2.153539	0.464352	0.9992%
1994	2.132233	0.468992	1.0008%
1993	2.111106	0.473685	1.0000%
1992	2.090204	0.478422	0.9295%
1991	2.070954	0.482869	1.2505%
1990	2.045377	0.488908	0.7224%
1989	2.030706	0.492440	1.1077%
1988	2.008459	0.497894	0.8834%
1987	1.990872	0.502292	0.5594%
1986	1.979798	0.505102	1.3056%

1985	1.954282	0.511697	0.7673%
1984	1.939401	0.515623	0.8149%
1983	1.923724	0.519825	0.9737%
1982	1.905173	0.524887	0.9508%
1981	1.887229	0.529878	0.9031%
1980	1.870338	0.534663	2.2701%
1979	1.828823	0.546800	1.0042%
1978	1.810641	0.552291	0.9896%
1977	1.792898	0.557756	0.9103%
1976	1.776724	0.562834	0.8394%
1975	1.761934	0.567558	0.9042%
1974	1.746145	0.572690	1.1568%
1973	1.726177	0.579315	0.9427%
1972	1.710056	0.584776	0.7426%
1971	1.697450	0.589119	1.4697%
1970	1.672864	0.597777	0.6968%
1969	1.661288	0.601943	0.8565%
1968	1.647179	0.607099	1.5090%
1967	1.622692	0.616260	0.9949%
1966	1.606707	0.622391	1.0575%
1965	1.589894	0.628973	1.1300%
1964	1.572129	0.636080	1.5537%
1963	1.548077	0.645963	1.4658%
1962	1.525713	0.655431	1.5364%
1961	1.502626	0.665502	2.1586%
1960	1.470875	0.679867	-1.6655%
1959	1.495787	0.668544	4.3080%
1958	1.434010	0.697345	2.1130%
1957	1.404337	0.712080	1.9895%
1956	1.376943	0.726247	2.1231%
1955	1.348317	0.741666	1.4496%
1954	1.329051	0.752417	2.1573%
1953	1.300985	0.768648	1.2298%
1952	1.285180	0.778101	1.6814%
1951	1.263929	0.791184	1.6233%
1950	1.243740	0.804027	1.4265%
1949	1.226247	0.815496	1.7790%
1948	1.204813	0.830004	1.8242%
1947	1.183229	0.845145	-2.6320%
1946	1.215214	0.822901	3.1768%
1945	1.177797	0.849042	6.4754%
1944	1.106168	0.904021	-0.3437%
1943	1.109983	0.900915	0.6562%
1942	1.102747	0.906827	0.6633%
1941	1.095480	0.912842	-5.6614%
1940	1.161222	0.861162	8.0381%
1939	1.074826	0.930383	0.8126%
1938	1.066162	0.937943	0.7762%
1937	1.057950	0.945224	0.6029%
1936	1.051610	0.950923	0.5244%
1935	1.046124	0.955909	-3.0364%
1934	1.078883	0.926884	4.6271%
1933	1.031170	0.969772	1.3921%

1932	1.017012	0.983273	-0.2051%
1931	1.019102	0.981256	0.8886%
1930	1.010126	0.989976	1.0126%
1929	1.000000	1.000000	1.1526%
1928	0.988605	1.011526	1.2160%
1927	0.976728	1.023826	1.4086%
1926	0.963161	1.038248	1.7667%
1925	0.946441	1.056590	1.4465%
1924	0.932946	1.071874	1.7700%
1923	0.916720	1.090846	1.6165%
1922	0.902137	1.108479	1.3736%
1921	0.889913	1.123706	2.3393%
1920	0.869571	1.149993	1.3140%
1919	0.858293	1.165104	0.7676%
1918	0.851754	1.174048	0.3870%
1917	0.848471	1.178591	1.3274%
1916	0.837355	1.194236	1.4083%
1915	0.825727	1.211054	1.4458%
1914	0.813958	1.228564	1.9424%
1913	0.798450	1.252427	1.9857%
1912	0.782904	1.277296	1.5634%
1911	0.770852	1.297266	1.8169%
1910	0.757096	1.320836	1.8781%
1909	0.743140	1.345642	2.0082%
1908	0.728509	1.372666	1.9603%
1907	0.714503	1.399574	1.8264%
1906	0.701688	1.425135	1.9357%
1905	0.688364	1.452721	2.0148%
1904	0.674768	1.481991	2.1335%
1903	0.660672	1.513609	1.8151%
1902	0.648894	1.541084	1.8943%
1901	0.636830	1.570277	3.0255%
1900	0.618129	1.617786	0.6278%
1899	0.614272	1.627943	1.7757%
1898	0.603555	1.656850	1.8078%
1897	0.592838	1.686801	1.8396%
1896	0.582129	1.717832	1.8755%
1895	0.571412	1.750050	1.9114%
1894	0.560695	1.783501	1.9486%
1893	0.549978	1.818254	1.9858%
1892	0.539269	1.854361	2.0276%
1891	0.528552	1.891961	2.6465%
1890	0.514925	1.942032	1.5328%
1889	0.507151	1.971800	2.0811%
1888	0.496812	2.012836	2.1599%
1887	0.486308	2.056310	2.2075%
1886	0.475804	2.101704	2.2592%
1885	0.465293	2.149185	2.3095%
1884	0.454789	2.198821	2.3641%
1883	0.444286	2.250804	2.4214%
1882	0.433782	2.305305	2.4815%
1881	0.423279	2.362510	3.7644%
1880	0.407923	2.451444	0.9432%

1879	0.404111	2.474567	2.1464%
1878	0.395620	2.527681	2.1913%
1877	0.387136	2.583070	2.2426%
1876	0.378645	2.640998	2.2941%
1875	0.370153	2.701584	2.3456%
1874	0.361670	2.764952	2.4043%
1873	0.353178	2.831430	2.4635%
1872	0.344687	2.901184	2.5258%
1871	0.336195	2.974461	5.9947%
1870	0.317181	3.152771	-1.0968%
1869	0.320699	3.118192	2.1930%
1868	0.313817	3.186573	2.2394%
1867	0.306943	3.257933	2.2935%
1866	0.300061	3.332654	2.3445%
1865	0.293187	3.410787	2.4037%
1864	0.286306	3.492772	2.4599%
1863	0.279432	3.578690	2.5250%
1862	0.272550	3.669052	2.5872%
1861	0.265676	3.763979	2.9504%
1860	0.258062	3.875032	2.4012%
1859	0.252011	3.968081	2.7627%
1858	0.245236	4.077707	2.8412%
1857	0.238461	4.193563	2.9243%
1856	0.231686	4.316195	3.0161%
1855	0.224902	4.446378	3.1061%
1854	0.218127	4.584485	3.2056%
1853	0.211352	4.731446	3.3118%
1852	0.204577	4.888142	3.4252%
1851	0.197802	5.055572	4.0106%
1850	0.190174	5.258331	2.3254%
1849	0.185853	5.380606	2.7841%
1848	0.180819	5.530407	2.8590%
1847	0.175793	5.688522	2.9432%
1846	0.170767	5.855944	3.0324%
1845	0.165741	6.033520	3.1325%
1844	0.160707	6.222520	3.2284%
1843	0.155681	6.423406	3.3361%
1842	0.150655	6.637694	3.4512%
1841	0.145629	6.866774	3.8105%
1840	0.140283	7.128431	2.3861%
1839	0.137014	7.298520	2.5824%
1838	0.133565	7.486996	2.6573%
1837	0.130108	7.685950	2.7232%
1836	0.126658	7.895254	2.7994%
1835	0.123209	8.116277	2.8871%
1834	0.119752	8.350603	2.9657%
1833	0.116303	8.598256	3.0563%
1832	0.112853	8.861046	3.1604%
1831	0.109396	9.141093	3.4660%
1830	0.105731	9.457920	2.4653%
1829	0.103188	9.691086	2.6804%
1828	0.100494	9.950846	10.3427%
1827	0.091074	10.980027	-4.2314%

1826	0.095098	10.515415	2.9150%
1825	0.092405	10.821943	3.0026%
1824	0.089711	11.146878	3.0955%
1823	0.087018	11.491931	3.1944%
1822	0.084324	11.859028	3.3102%
1821	0.081622	12.251585	3.2277%
1820	0.079070	12.647034	2.6573%
1819	0.077023	12.983101	2.6261%
1818	0.075052	13.324051	2.6969%
1817	0.073081	13.683391	2.7717%
1816	0.071110	14.062652	2.8507%
1815	0.069139	14.463535	2.9343%
1814	0.067168	14.887945	3.0231%
1813	0.065197	15.338015	3.1039%
1812	0.063235	15.814091	3.2172%
1811	0.061264	16.322855	3.0969%
1810	0.059423	16.828360	2.9144%
1809	0.057741	17.318802	2.8225%
1808	0.056156	17.807619	2.9199%
1807	0.054563	18.327589	2.9918%
1806	0.052978	18.875911	3.0841%
1805	0.051393	19.458054	3.1822%
1804	0.049808	20.077246	3.2868%
1803	0.048223	20.737142	3.3985%
1802	0.046638	21.441891	3.5180%
1801	0.045053	22.196227	3.3999%
1800	0.043571	22.950887	2.8419%
1799	0.042367	23.603121	2.7485%
1798	0.041234	24.251842	2.8261%
1797	0.040101	24.937231	3.7832%
1796	0.038639	25.880659	2.1272%
1795	0.037834	26.431192	3.0879%
1794	0.036701	27.247371	3.1625%
1793	0.035576	28.109072	3.2904%
1792	0.034442	29.033977	3.4024%
1791	0.033309	30.021820	3.2296%
1790	0.032267	30.991393	41.3145%
1780	0.022833	43.795317	29.4353%
1770	0.017641	56.686607	83.4728%
1750	0.009615	104.004527	29.2845%
1740	0.007437	134.461683	94.2514%
1720	0.003829	261.193694	85.8111%
1700	0.002060	485.326823	19.2490%
1690	0.001728	578.747624	88.0250%
1670	0.000919	1088.190349	

BASE YEAR: 1928

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.503969	0.399366	8.2857%
2001	2.312374	0.432456	1.0000%
2000	2.289479	0.436781	1.0000%

1999	2.266811	0.441148	1.0000%
1998	2.244367	0.445560	1.0000%
1997	2.222146	0.450015	1.0000%
1996	2.200144	0.454516	1.0000%
1995	2.178361	0.459061	0.9992%
1994	2.156809	0.463648	1.0008%
1993	2.135438	0.468288	1.0000%
1992	2.114295	0.472971	0.9295%
1991	2.094824	0.477367	1.2505%
1990	2.068951	0.483337	0.7224%
1989	2.054112	0.486828	1.1077%
1988	2.031608	0.492221	0.8834%
1987	2.013819	0.496569	0.5594%
1986	2.002617	0.499347	1.3056%
1985	1.976807	0.505866	0.7673%
1984	1.961755	0.509748	0.8149%
1983	1.945897	0.513902	0.9737%
1982	1.927131	0.518906	0.9508%
1981	1.908981	0.523840	0.9031%
1980	1.891896	0.528570	2.2701%
1979	1.849902	0.540569	1.0042%
1978	1.831510	0.545998	0.9896%
1977	1.813563	0.551401	0.9103%
1976	1.797202	0.556420	0.8394%
1975	1.782241	0.561091	0.9042%
1974	1.766271	0.566164	1.1568%
1973	1.746073	0.572714	0.9427%
1972	1.729766	0.578113	0.7426%
1971	1.717015	0.582406	1.4697%
1970	1.692145	0.590966	0.6968%
1969	1.680435	0.595084	0.8565%
1968	1.666164	0.600181	1.5090%
1967	1.641395	0.609238	0.9949%
1966	1.625225	0.615299	1.0575%
1965	1.608219	0.621806	1.1300%
1964	1.590249	0.628832	1.5537%
1963	1.565920	0.638602	1.4658%
1962	1.543298	0.647963	1.5364%
1961	1.519945	0.657919	2.1586%
1960	1.487828	0.672121	-1.6655%
1959	1.513027	0.660927	4.3080%
1958	1.450538	0.689399	2.1130%
1957	1.420523	0.703966	1.9895%
1956	1.392813	0.717971	2.1231%
1955	1.363857	0.733215	1.4496%
1954	1.344369	0.743843	2.1573%
1953	1.315980	0.759890	1.2298%
1952	1.299993	0.769235	1.6814%
1951	1.278497	0.782168	1.6233%
1950	1.258075	0.794865	1.4265%
1949	1.240381	0.806204	1.7790%
1948	1.218699	0.820547	1.8242%
1947	1.196867	0.835515	-2.6320%

1946	1.229220	0.813524	3.1768%
1945	1.191373	0.839368	6.4754%
1944	1.118918	0.893721	-0.3437%
1943	1.122777	0.890649	0.6562%
1942	1.115457	0.896494	0.6633%
1941	1.108107	0.902440	-5.6614%
1940	1.174606	0.851349	8.0381%
1939	1.087215	0.919781	0.8126%
1938	1.078451	0.927256	0.7762%
1937	1.070144	0.934454	0.6029%
1936	1.063731	0.940087	0.5244%
1935	1.058182	0.945017	-3.0364%
1934	1.091318	0.916323	4.6271%
1933	1.043055	0.958722	1.3921%
1932	1.028734	0.972069	-0.2051%
1931	1.030848	0.970075	0.8886%
1930	1.021768	0.978695	1.0126%
1929	1.011526	0.988605	1.1526%
1928	1.000000	1.000000	1.2160%
1927	0.987986	1.012160	1.4086%
1926	0.974263	1.026417	1.7667%
1925	0.957349	1.044551	1.4465%
1924	0.943699	1.059660	1.7700%
1923	0.927286	1.078416	1.6165%
1922	0.912535	1.095849	1.3736%
1921	0.900170	1.110902	2.3393%
1920	0.879593	1.136889	1.3140%
1919	0.868185	1.151828	0.7676%
1918	0.861571	1.160670	0.3870%
1917	0.858250	1.165162	1.3274%
1916	0.847007	1.180628	1.4083%
1915	0.835244	1.197255	1.4458%
1914	0.823340	1.214565	1.9424%
1913	0.807652	1.238156	1.9857%
1912	0.791927	1.262742	1.5634%
1911	0.779737	1.282484	1.8169%
1910	0.765822	1.305786	1.8781%
1909	0.751705	1.330309	2.0082%
1908	0.736906	1.357025	1.9603%
1907	0.722739	1.383626	1.8264%
1906	0.709776	1.408896	1.9357%
1905	0.696298	1.436168	2.0148%
1904	0.682545	1.465104	2.1335%
1903	0.668287	1.496362	1.8151%
1902	0.656373	1.523524	1.8943%
1901	0.644170	1.552384	3.0255%
1900	0.625253	1.599352	0.6278%
1899	0.621352	1.609393	1.7757%
1898	0.610512	1.637970	1.8078%
1897	0.599671	1.667581	1.8396%
1896	0.588839	1.698258	1.8755%
1895	0.577998	1.730109	1.9114%
1894	0.567158	1.763178	1.9486%

1893	0.556317	1.797536	1.9858%
1892	0.545485	1.833232	2.0276%
1891	0.534644	1.870403	2.6465%
1890	0.520860	1.919903	1.5328%
1889	0.512996	1.949332	2.0811%
1888	0.502538	1.989900	2.1599%
1887	0.491913	2.032879	2.2075%
1886	0.481289	2.077756	2.2592%
1885	0.470656	2.124696	2.3095%
1884	0.460031	2.173766	2.3641%
1883	0.449406	2.225157	2.4214%
1882	0.438782	2.279037	2.4815%
1881	0.428157	2.335590	3.7644%
1880	0.412624	2.423511	0.9432%
1879	0.408769	2.446371	2.1464%
1878	0.400179	2.498879	2.1913%
1877	0.391598	2.553637	2.2426%
1876	0.383009	2.610905	2.2941%
1875	0.374420	2.670801	2.3456%
1874	0.365838	2.733447	2.4043%
1873	0.357249	2.799168	2.4635%
1872	0.348660	2.868126	2.5258%
1871	0.340070	2.940569	5.9947%
1870	0.320837	3.116846	-1.0968%
1869	0.324395	3.082661	2.1930%
1868	0.317434	3.150263	2.2394%
1867	0.310481	3.220810	2.2935%
1866	0.303520	3.294680	2.3445%
1865	0.296567	3.371922	2.4037%
1864	0.289606	3.452973	2.4599%
1863	0.282653	3.537912	2.5250%
1862	0.275691	3.627245	2.5872%
1861	0.268738	3.721091	2.9504%
1860	0.261037	3.830878	2.4012%
1859	0.254916	3.922866	2.7627%
1858	0.248062	4.031244	2.8412%
1857	0.241209	4.145780	2.9243%
1856	0.234356	4.267014	3.0161%
1855	0.227494	4.395713	3.1061%
1854	0.220641	4.532247	3.2056%
1853	0.213788	4.677533	3.3118%
1852	0.206935	4.832443	3.4252%
1851	0.200081	4.997966	4.0106%
1850	0.192366	5.198414	2.3254%
1849	0.187995	5.319297	2.7841%
1848	0.182903	5.467390	2.8590%
1847	0.177819	5.623704	2.9432%
1846	0.172735	5.789218	3.0324%
1845	0.167651	5.964771	3.1325%
1844	0.162559	6.151617	3.2284%
1843	0.157475	6.350214	3.3361%
1842	0.152391	6.562061	3.4512%
1841	0.147307	6.788530	3.8105%

1840	0.141900	7.047206	2.3861%
1839	0.138593	7.215356	2.5824%
1838	0.135104	7.401685	2.6573%
1837	0.131607	7.598372	2.7232%
1836	0.128118	7.805291	2.7994%
1835	0.124629	8.023795	2.8871%
1834	0.121132	8.255452	2.9657%
1833	0.117643	8.500282	3.0563%
1832	0.114154	8.760079	3.1604%
1831	0.110657	9.036934	3.4660%
1830	0.106950	9.350151	2.4653%
1829	0.104377	9.580661	2.6804%
1828	0.101652	9.837460	10.3427%
1827	0.092124	10.854914	-4.2314%
1826	0.096195	10.395596	2.9150%
1825	0.093470	10.698631	3.0026%
1824	0.090745	11.019865	3.0955%
1823	0.088021	11.360985	3.1944%
1822	0.085296	11.723899	3.3102%
1821	0.082563	12.111983	3.2277%
1820	0.079981	12.502926	2.6573%
1819	0.077911	12.835164	2.6261%
1818	0.075917	13.172229	2.6969%
1817	0.073924	13.527475	2.7717%
1816	0.071930	13.902414	2.8507%
1815	0.069936	14.298729	2.9343%
1814	0.067943	14.718303	3.0231%
1813	0.065949	15.163245	3.1039%
1812	0.063964	15.633896	3.2172%
1811	0.061970	16.136863	3.0969%
1810	0.060108	16.636608	2.9144%
1809	0.058406	17.121462	2.8225%
1808	0.056803	17.604709	2.9199%
1807	0.055191	18.118754	2.9918%
1806	0.053588	18.660828	3.0841%
1805	0.051985	19.236337	3.1822%
1804	0.050382	19.848475	3.2868%
1803	0.048778	20.500851	3.3985%
1802	0.047175	21.197570	3.5180%
1801	0.045572	21.943310	3.3999%
1800	0.044073	22.689371	2.8419%
1799	0.042856	23.334173	2.7485%
1798	0.041709	23.975503	2.8261%
1797	0.040563	24.653082	3.7832%
1796	0.039084	25.585760	2.1272%
1795	0.038270	26.130020	3.0879%
1794	0.037124	26.936899	3.1625%
1793	0.035986	27.788781	3.2904%
1792	0.034839	28.703147	3.4024%
1791	0.033693	29.679734	3.2296%
1790	0.032639	30.638260	41.3145%
1780	0.023097	43.296288	29.4353%
1770	0.017844	56.040687	83.4728%

1750	0.009726	102.819440	29.2845%
1740	0.007523	132.929549	94.2514%
1720	0.003873	258.217503	85.8111%
1700	0.002084	479.796732	19.2490%
1690	0.001748	572.153042	88.0250%
1670	0.000930	1075.790885	

BASE YEAR: 1927

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	2.534418	0.394568	8.2857%
2001	2.340493	0.427260	1.0000%
2000	2.317319	0.431533	1.0000%
1999	2.294375	0.435848	1.0000%
1998	2.271659	0.440207	1.0000%
1997	2.249167	0.444609	1.0000%
1996	2.226898	0.449055	1.0000%
1995	2.204850	0.453546	0.9992%
1994	2.183036	0.458078	1.0008%
1993	2.161405	0.462662	1.0000%
1992	2.140005	0.467289	0.9295%
1991	2.120297	0.471632	1.2505%
1990	2.094110	0.477530	0.7224%
1989	2.079090	0.480980	1.1077%
1988	2.056312	0.486307	0.8834%
1987	2.038307	0.490603	0.5594%
1986	2.026969	0.493348	1.3056%
1985	2.000845	0.499789	0.7673%
1984	1.985610	0.503624	0.8149%
1983	1.969559	0.507728	0.9737%
1982	1.950565	0.512672	0.9508%
1981	1.932194	0.517546	0.9031%
1980	1.914901	0.522220	2.2701%
1979	1.872396	0.534075	1.0042%
1978	1.853781	0.539438	0.9896%
1977	1.835616	0.544776	0.9103%
1976	1.819056	0.549736	0.8394%
1975	1.803913	0.554350	0.9042%
1974	1.787749	0.559363	1.1568%
1973	1.767305	0.565833	0.9427%
1972	1.750800	0.571167	0.7426%
1971	1.737894	0.575409	1.4697%
1970	1.712722	0.583866	0.6968%
1969	1.700870	0.587935	0.8565%
1968	1.686425	0.592970	1.5090%
1967	1.661354	0.601919	0.9949%
1966	1.644988	0.607907	1.0575%
1965	1.627775	0.614336	1.1300%
1964	1.609586	0.621278	1.5537%
1963	1.584962	0.630930	1.4658%
1962	1.562064	0.640178	1.5364%
1961	1.538428	0.650014	2.1586%

1960	1.505920	0.664046	-1.6655%
1959	1.531426	0.652986	4.3080%
1958	1.468177	0.681117	2.1130%
1957	1.437797	0.695509	1.9895%
1956	1.409750	0.709346	2.1231%
1955	1.380442	0.724406	1.4496%
1954	1.360717	0.734907	2.1573%
1953	1.331982	0.750761	1.2298%
1952	1.315801	0.759993	1.6814%
1951	1.294044	0.772771	1.6233%
1950	1.273373	0.785316	1.4265%
1949	1.255464	0.796519	1.7790%
1948	1.233519	0.810689	1.8242%
1947	1.211421	0.825477	-2.6320%
1946	1.244167	0.803750	3.1768%
1945	1.205860	0.829284	6.4754%
1944	1.132524	0.882983	-0.3437%
1943	1.136430	0.879949	0.6562%
1942	1.129021	0.885723	0.6633%
1941	1.121581	0.891598	-5.6614%
1940	1.188889	0.841121	8.0381%
1939	1.100435	0.908731	0.8126%
1938	1.091565	0.916116	0.7762%
1937	1.083157	0.923227	0.6029%
1936	1.076666	0.928793	0.5244%
1935	1.071049	0.933664	-3.0364%
1934	1.104589	0.905314	4.6271%
1933	1.055739	0.947204	1.3921%
1932	1.041243	0.960390	-0.2051%
1931	1.043383	0.958421	0.8886%
1930	1.034193	0.966937	1.0126%
1929	1.023826	0.976728	1.1526%
1928	1.012160	0.987986	1.2160%
1927	1.000000	1.000000	1.4086%
1926	0.986110	1.014086	1.7667%
1925	0.968991	1.032002	1.4465%
1924	0.955174	1.046929	1.7700%
1923	0.938562	1.065460	1.6165%
1922	0.923631	1.082683	1.3736%
1921	0.911116	1.097555	2.3393%
1920	0.890289	1.123231	1.3140%
1919	0.878742	1.137990	0.7676%
1918	0.872048	1.146726	0.3870%
1917	0.868686	1.151163	1.3274%
1916	0.857306	1.166444	1.4083%
1915	0.845401	1.182871	1.4458%
1914	0.833352	1.199973	1.9424%
1913	0.817473	1.223281	1.9857%
1912	0.801557	1.247572	1.5634%
1911	0.789218	1.267076	1.8169%
1910	0.775135	1.290098	1.8781%
1909	0.760846	1.314327	2.0082%
1908	0.745867	1.340722	1.9603%

1907	0.731527	1.367003	1.8264%
1906	0.718407	1.391970	1.9357%
1905	0.704765	1.418914	2.0148%
1904	0.690845	1.447502	2.1335%
1903	0.676414	1.478385	1.8151%
1902	0.664355	1.505220	1.8943%
1901	0.652003	1.533734	3.0255%
1900	0.632856	1.580137	0.6278%
1899	0.628908	1.590058	1.7757%
1898	0.617935	1.618292	1.8078%
1897	0.606963	1.647547	1.8396%
1896	0.595999	1.677855	1.8755%
1895	0.585027	1.709324	1.9114%
1894	0.574054	1.741996	1.9486%
1893	0.563082	1.775941	1.9858%
1892	0.552118	1.811207	2.0276%
1891	0.541145	1.847932	2.6465%
1890	0.527193	1.896838	1.5328%
1889	0.519234	1.925913	2.0811%
1888	0.508649	1.965994	2.1599%
1887	0.497895	2.008456	2.2075%
1886	0.487141	2.052794	2.2592%
1885	0.476379	2.099170	2.3095%
1884	0.465625	2.147651	2.3641%
1883	0.454871	2.198424	2.4214%
1882	0.444117	2.251657	2.4815%
1881	0.433364	2.307531	3.7644%
1880	0.417642	2.394395	0.9432%
1879	0.413739	2.416980	2.1464%
1878	0.405046	2.468858	2.1913%
1877	0.396360	2.522958	2.2426%
1876	0.387666	2.579538	2.2941%
1875	0.378973	2.638714	2.3456%
1874	0.370287	2.700607	2.4043%
1873	0.361593	2.765539	2.4635%
1872	0.352899	2.833669	2.5258%
1871	0.344206	2.905241	5.9947%
1870	0.324739	3.079401	-1.0968%
1869	0.328340	3.045626	2.1930%
1868	0.321294	3.112416	2.2394%
1867	0.314256	3.182116	2.2935%
1866	0.307210	3.255097	2.3445%
1865	0.300173	3.331412	2.4037%
1864	0.293127	3.411489	2.4599%
1863	0.286090	3.495408	2.5250%
1862	0.279044	3.583667	2.5872%
1861	0.272006	3.676386	2.9504%
1860	0.264211	3.784854	2.4012%
1859	0.258015	3.875737	2.7627%
1858	0.251079	3.982813	2.8412%
1857	0.244142	4.095972	2.9243%
1856	0.237206	4.215750	3.0161%
1855	0.230261	4.342903	3.1061%

1854	0.223324	4.477796	3.2056%
1853	0.216388	4.621338	3.3118%
1852	0.209451	4.774387	3.4252%
1851	0.202514	4.937920	4.0106%
1850	0.194706	5.135961	2.3254%
1849	0.190281	5.255391	2.7841%
1848	0.185127	5.401705	2.8590%
1847	0.179981	5.556141	2.9432%
1846	0.174835	5.719667	3.0324%
1845	0.169690	5.893110	3.1325%
1844	0.164536	6.077712	3.2284%
1843	0.159390	6.273923	3.3361%
1842	0.154244	6.483224	3.4512%
1841	0.149099	6.706973	3.8105%
1840	0.143626	6.962541	2.3861%
1839	0.140279	7.128671	2.5824%
1838	0.136747	7.312761	2.6573%
1837	0.133207	7.507085	2.7232%
1836	0.129676	7.711519	2.7994%
1835	0.126145	7.927398	2.8871%
1834	0.122605	8.156271	2.9657%
1833	0.119074	8.398161	3.0563%
1832	0.115542	8.654836	3.1604%
1831	0.112003	8.928365	3.4660%
1830	0.108251	9.237819	2.4653%
1829	0.105646	9.465559	2.6804%
1828	0.102888	9.719274	10.3427%
1827	0.093244	10.724504	-4.2314%
1826	0.097364	10.270704	2.9150%
1825	0.094606	10.570099	3.0026%
1824	0.091849	10.887473	3.0955%
1823	0.089091	11.224495	3.1944%
1822	0.086333	11.583049	3.3102%
1821	0.083567	11.966470	3.2277%
1820	0.080954	12.352717	2.6573%
1819	0.078858	12.680963	2.6261%
1818	0.076840	13.013979	2.6969%
1817	0.074823	13.364957	2.7717%
1816	0.072805	13.735391	2.8507%
1815	0.070787	14.126945	2.9343%
1814	0.068769	14.541478	3.0231%
1813	0.066751	14.981074	3.1039%
1812	0.064741	15.446071	3.2172%
1811	0.062723	15.942996	3.0969%
1810	0.060839	16.436737	2.9144%
1809	0.059116	16.915766	2.8225%
1808	0.057494	17.393207	2.9199%
1807	0.055863	17.901076	2.9918%
1806	0.054240	18.436638	3.0841%
1805	0.052617	19.005233	3.1822%
1804	0.050994	19.610016	3.2868%
1803	0.049372	20.254556	3.3985%
1802	0.047749	20.942904	3.5180%

1801	0.046126	21.679685	3.3999%
1800	0.044609	22.416782	2.8419%
1799	0.043377	23.053838	2.7485%
1798	0.042216	23.687463	2.8261%
1797	0.041056	24.356901	3.7832%
1796	0.039560	25.278374	2.1272%
1795	0.038736	25.816095	3.0879%
1794	0.037575	26.613280	3.1625%
1793	0.036423	27.454928	3.2904%
1792	0.035263	28.358309	3.4024%
1791	0.034103	29.323163	3.2296%
1790	0.033036	30.270173	41.3145%
1780	0.023378	42.776129	29.4353%
1770	0.018061	55.367418	83.4728%
1750	0.009844	101.584173	29.2845%
1740	0.007614	131.332542	94.2514%
1720	0.003920	255.115294	85.8111%
1700	0.002110	474.032483	19.2490%
1690	0.001769	565.279230	88.0250%
1670	0.000941	1062.866399	

BASE YEAR: 1926

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.570117	0.389087	8.2857%
2001	2.373460	0.421326	1.0000%
2000	2.349960	0.425539	1.0000%
1999	2.326694	0.429794	1.0000%
1998	2.303657	0.434092	1.0000%
1997	2.280848	0.438433	1.0000%
1996	2.258266	0.442818	1.0000%
1995	2.235907	0.447246	0.9992%
1994	2.213786	0.451715	1.0008%
1993	2.191851	0.456235	1.0000%
1992	2.170149	0.460798	0.9295%
1991	2.150163	0.465081	1.2505%
1990	2.123607	0.470897	0.7224%
1989	2.108375	0.474299	1.1077%
1988	2.085277	0.479553	0.8834%
1987	2.067018	0.483789	0.5594%
1986	2.055520	0.486495	1.3056%
1985	2.029029	0.492847	0.7673%
1984	2.013579	0.496628	0.8149%
1983	1.997302	0.500675	0.9737%
1982	1.978041	0.505551	0.9508%
1981	1.959410	0.510358	0.9031%
1980	1.941874	0.514966	2.2701%
1979	1.898771	0.526657	1.0042%
1978	1.879893	0.531945	0.9896%
1977	1.861472	0.537209	0.9103%
1976	1.844679	0.542100	0.8394%
1975	1.829323	0.546650	0.9042%

1974	1.812931	0.551593	1.1568%
1973	1.792199	0.557974	0.9427%
1972	1.775462	0.563234	0.7426%
1971	1.762374	0.567417	1.4697%
1970	1.736847	0.575756	0.6968%
1969	1.724828	0.579768	0.8565%
1968	1.710179	0.584734	1.5090%
1967	1.684756	0.593558	0.9949%
1966	1.668159	0.599463	1.0575%
1965	1.650703	0.605802	1.1300%
1964	1.632259	0.612648	1.5537%
1963	1.607287	0.622166	1.4658%
1962	1.584067	0.631286	1.5364%
1961	1.560098	0.640986	2.1586%
1960	1.527132	0.654822	-1.6655%
1959	1.552997	0.643916	4.3080%
1958	1.488857	0.671656	2.1130%
1957	1.458049	0.685848	1.9895%
1956	1.429607	0.699493	2.1231%
1955	1.399886	0.714344	1.4496%
1954	1.379884	0.724699	2.1573%
1953	1.350745	0.740332	1.2298%
1952	1.334335	0.749437	1.6814%
1951	1.312271	0.762038	1.6233%
1950	1.291310	0.774408	1.4265%
1949	1.273148	0.785455	1.7790%
1948	1.250894	0.799428	1.8242%
1947	1.228484	0.814011	-2.6320%
1946	1.261693	0.792586	3.1768%
1945	1.222845	0.817765	6.4754%
1944	1.148477	0.870719	-0.3437%
1943	1.152437	0.867726	0.6562%
1942	1.144924	0.873420	0.6633%
1941	1.137380	0.879214	-5.6614%
1940	1.205636	0.829438	8.0381%
1939	1.115936	0.896109	0.8126%
1938	1.106940	0.903391	0.7762%
1937	1.098414	0.910403	0.6029%
1936	1.091832	0.915892	0.5244%
1935	1.086136	0.920695	-3.0364%
1934	1.120148	0.892739	4.6271%
1933	1.070609	0.934047	1.3921%
1932	1.055910	0.947050	-0.2051%
1931	1.058080	0.945108	0.8886%
1930	1.048761	0.953506	1.0126%
1929	1.038248	0.963161	1.1526%
1928	1.026417	0.974263	1.2160%
1927	1.014086	0.986110	1.4086%
1926	1.000000	1.000000	1.7667%
1925	0.982640	1.017667	1.4465%
1924	0.968629	1.032387	1.7700%
1923	0.951782	1.050660	1.6165%
1922	0.936641	1.067645	1.3736%

1921	0.923950	1.082310	2.3393%
1920	0.902830	1.107629	1.3140%
1919	0.891120	1.122183	0.7676%
1918	0.884332	1.130798	0.3870%
1917	0.880923	1.135174	1.3274%
1916	0.869382	1.150242	1.4083%
1915	0.857309	1.166441	1.4458%
1914	0.845090	1.183305	1.9424%
1913	0.828988	1.206290	1.9857%
1912	0.812848	1.230243	1.5634%
1911	0.800335	1.249476	1.8169%
1910	0.786053	1.272178	1.8781%
1909	0.771563	1.296071	2.0082%
1908	0.756373	1.322099	1.9603%
1907	0.741831	1.348015	1.8264%
1906	0.728526	1.372635	1.9357%
1905	0.714692	1.399205	2.0148%
1904	0.700576	1.427396	2.1335%
1903	0.685942	1.457850	1.8151%
1902	0.673713	1.484312	1.8943%
1901	0.661187	1.512430	3.0255%
1900	0.641771	1.558189	0.6278%
1899	0.637767	1.567972	1.7757%
1898	0.626640	1.595814	1.8078%
1897	0.615513	1.624662	1.8396%
1896	0.604394	1.654549	1.8755%
1895	0.593267	1.685581	1.9114%
1894	0.582140	1.717799	1.9486%
1893	0.571013	1.751273	1.9858%
1892	0.559895	1.786050	2.0276%
1891	0.548768	1.822264	2.6465%
1890	0.534619	1.870490	1.5328%
1889	0.526548	1.899162	2.0811%
1888	0.515813	1.938686	2.1599%
1887	0.504908	1.980558	2.2075%
1886	0.494003	2.024280	2.2592%
1885	0.483089	2.070012	2.3095%
1884	0.472184	2.117820	2.3641%
1883	0.461278	2.167888	2.4214%
1882	0.450373	2.220381	2.4815%
1881	0.439468	2.275479	3.7644%
1880	0.423525	2.361137	0.9432%
1879	0.419567	2.383408	2.1464%
1878	0.410751	2.434565	2.1913%
1877	0.401943	2.487913	2.2426%
1876	0.393127	2.543708	2.2941%
1875	0.384311	2.602062	2.3456%
1874	0.375503	2.663096	2.4043%
1873	0.366687	2.727125	2.4635%
1872	0.357870	2.794309	2.5258%
1871	0.349054	2.864887	5.9947%
1870	0.329313	3.036627	-1.0968%
1869	0.332965	3.003322	2.1930%

1868	0.325820	3.069184	2.2394%
1867	0.318683	3.137915	2.2935%
1866	0.311538	3.209884	2.3445%
1865	0.304401	3.285138	2.4037%
1864	0.297256	3.364103	2.4599%
1863	0.290119	3.446856	2.5250%
1862	0.282974	3.533890	2.5872%
1861	0.275838	3.625320	2.9504%
1860	0.267933	3.732282	2.4012%
1859	0.261650	3.821903	2.7627%
1858	0.254615	3.927491	2.8412%
1857	0.247581	4.039079	2.9243%
1856	0.240547	4.157193	3.0161%
1855	0.233504	4.282580	3.1061%
1854	0.226470	4.415599	3.2056%
1853	0.219436	4.557147	3.3118%
1852	0.212401	4.708070	3.4252%
1851	0.205367	4.869332	4.0106%
1850	0.197448	5.064622	2.3254%
1849	0.192961	5.182393	2.7841%
1848	0.187734	5.326675	2.8590%
1847	0.182516	5.478965	2.9432%
1846	0.177298	5.640220	3.0324%
1845	0.172080	5.811254	3.1325%
1844	0.166853	5.993292	3.2284%
1843	0.161635	6.186777	3.3361%
1842	0.156417	6.393171	3.4512%
1841	0.151199	6.613812	3.8105%
1840	0.145649	6.865830	2.3861%
1839	0.142255	7.029653	2.5824%
1838	0.138673	7.211186	2.6573%
1837	0.135084	7.402811	2.7232%
1836	0.131503	7.604404	2.7994%
1835	0.127922	7.817285	2.8871%
1834	0.124332	8.042979	2.9657%
1833	0.120751	8.281509	3.0563%
1832	0.117170	8.534618	3.1604%
1831	0.113580	8.804349	3.4660%
1830	0.109775	9.109504	2.4653%
1829	0.107134	9.334081	2.6804%
1828	0.104338	9.584271	10.3427%
1827	0.094558	10.575539	-4.2314%
1826	0.098736	10.128042	2.9150%
1825	0.095939	10.423278	3.0026%
1824	0.093142	10.736244	3.0955%
1823	0.090346	11.068585	3.1944%
1822	0.087549	11.422159	3.3102%
1821	0.084744	11.800254	3.2277%
1820	0.082094	12.181136	2.6573%
1819	0.079969	12.504822	2.6261%
1818	0.077923	12.833212	2.6969%
1817	0.075876	13.179315	2.7717%
1816	0.073830	13.544604	2.8507%

1815	0.071784	13.930719	2.9343%
1814	0.069737	14.339495	3.0231%
1813	0.067691	14.772985	3.1039%
1812	0.065653	15.231523	3.2172%
1811	0.063607	15.721545	3.0969%
1810	0.061696	16.208428	2.9144%
1809	0.059949	16.680803	2.8225%
1808	0.058304	17.151613	2.9199%
1807	0.056649	17.652427	2.9918%
1806	0.055004	18.180550	3.0841%
1805	0.053358	18.741248	3.1822%
1804	0.051713	19.337630	3.2868%
1803	0.050067	19.973216	3.3985%
1802	0.048421	20.652003	3.5180%
1801	0.046776	21.378550	3.3999%
1800	0.045238	22.105410	2.8419%
1799	0.043988	22.733616	2.7485%
1798	0.042811	23.358440	2.8261%
1797	0.041634	24.018580	3.7832%
1796	0.040117	24.927253	2.1272%
1795	0.039281	25.457505	3.0879%
1794	0.038105	26.243618	3.1625%
1793	0.036936	27.073575	3.2904%
1792	0.035760	27.964408	3.4024%
1791	0.034583	28.915860	3.2296%
1790	0.033501	29.849716	41.3145%
1780	0.023707	42.181962	29.4353%
1770	0.018316	54.598355	83.4728%
1750	0.009983	100.173153	29.2845%
1740	0.007722	129.508312	94.2514%
1720	0.003975	251.571701	85.8111%
1700	0.002139	467.448095	19.2490%
1690	0.001794	557.427410	88.0250%
1670	0.000954	1048.103012	

BASE YEAR: 1925

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.615523	0.382333	8.2857%
2001	2.415392	0.414011	1.0000%
2000	2.391477	0.418152	1.0000%
1999	2.367799	0.422333	1.0000%
1998	2.344355	0.426556	1.0000%
1997	2.321144	0.430822	1.0000%
1996	2.298162	0.435130	1.0000%
1995	2.275408	0.439482	0.9992%
1994	2.252897	0.443873	1.0008%
1993	2.230574	0.448315	1.0000%
1992	2.208489	0.452798	0.9295%
1991	2.188150	0.457007	1.2505%
1990	2.161125	0.462722	0.7224%
1989	2.145624	0.466065	1.1077%

1988	2.122118	0.471227	0.8834%
1987	2.103536	0.475390	0.5594%
1986	2.091835	0.478049	1.3056%
1985	2.064875	0.484291	0.7673%
1984	2.049152	0.488007	0.8149%
1983	2.032588	0.491984	0.9737%
1982	2.012986	0.496774	0.9508%
1981	1.994027	0.501498	0.9031%
1980	1.976181	0.506027	2.2701%
1979	1.932316	0.517514	1.0042%
1978	1.913105	0.522710	0.9896%
1977	1.894358	0.527883	0.9103%
1976	1.877269	0.532689	0.8394%
1975	1.861641	0.537160	0.9042%
1974	1.844960	0.542017	1.1568%
1973	1.823862	0.548287	0.9427%
1972	1.806829	0.553456	0.7426%
1971	1.793509	0.557566	1.4697%
1970	1.767531	0.565761	0.6968%
1969	1.755300	0.569703	0.8565%
1968	1.740393	0.574583	1.5090%
1967	1.714520	0.583254	0.9949%
1966	1.697630	0.589056	1.0575%
1965	1.679866	0.595286	1.1300%
1964	1.661096	0.602012	1.5537%
1963	1.635683	0.611366	1.4658%
1962	1.612053	0.620327	1.5364%
1961	1.587660	0.629858	2.1586%
1960	1.554112	0.643454	-1.6655%
1959	1.580434	0.632738	4.3080%
1958	1.515161	0.659996	2.1130%
1957	1.483808	0.673941	1.9895%
1956	1.454864	0.687349	2.1231%
1955	1.424618	0.701943	1.4496%
1954	1.404262	0.712118	2.1573%
1953	1.374608	0.727480	1.2298%
1952	1.357909	0.736426	1.6814%
1951	1.335455	0.748808	1.6233%
1950	1.314123	0.760964	1.4265%
1949	1.295640	0.771819	1.7790%
1948	1.272993	0.785550	1.8242%
1947	1.250188	0.799880	-2.6320%
1946	1.283983	0.778827	3.1768%
1945	1.244449	0.803568	6.4754%
1944	1.168767	0.855603	-0.3437%
1943	1.172797	0.852662	0.6562%
1942	1.165151	0.858258	0.6633%
1941	1.157474	0.863951	-5.6614%
1940	1.226936	0.815039	8.0381%
1939	1.135651	0.880552	0.8126%
1938	1.126497	0.887708	0.7762%
1937	1.117820	0.894599	0.6029%
1936	1.111121	0.899992	0.5244%

1935	1.105325	0.904712	-3.0364%
1934	1.139937	0.877241	4.6271%
1933	1.089524	0.917832	1.3921%
1932	1.074565	0.930609	-0.2051%
1931	1.076773	0.928701	0.8886%
1930	1.067289	0.936953	1.0126%
1929	1.056590	0.946441	1.1526%
1928	1.044551	0.957349	1.2160%
1927	1.032002	0.968991	1.4086%
1926	1.017667	0.982640	1.7667%
1925	1.000000	1.000000	1.4465%
1924	0.985741	1.014465	1.7700%
1923	0.968597	1.032421	1.6165%
1922	0.953189	1.049110	1.3736%
1921	0.940273	1.063521	2.3393%
1920	0.918780	1.088400	1.3140%
1919	0.906863	1.102702	0.7676%
1918	0.899955	1.111167	0.3870%
1917	0.896486	1.115467	1.3274%
1916	0.884741	1.130274	1.4083%
1915	0.872455	1.146191	1.4458%
1914	0.860020	1.162763	1.9424%
1913	0.843634	1.185348	1.9857%
1912	0.827208	1.208885	1.5634%
1911	0.814475	1.227785	1.8169%
1910	0.799940	1.250093	1.8781%
1909	0.785194	1.273571	2.0082%
1908	0.769736	1.299147	1.9603%
1907	0.754937	1.324614	1.8264%
1906	0.741397	1.348806	1.9357%
1905	0.727318	1.374914	2.0148%
1904	0.712953	1.402616	2.1335%
1903	0.698060	1.432542	1.8151%
1902	0.685615	1.458544	1.8943%
1901	0.672869	1.486174	3.0255%
1900	0.653109	1.531139	0.6278%
1899	0.649034	1.540752	1.7757%
1898	0.637710	1.568110	1.8078%
1897	0.626387	1.596458	1.8396%
1896	0.615072	1.625826	1.8755%
1895	0.603748	1.656319	1.9114%
1894	0.592425	1.687978	1.9486%
1893	0.581101	1.720870	1.9858%
1892	0.569786	1.755043	2.0276%
1891	0.558463	1.790629	2.6465%
1890	0.544064	1.838018	1.5328%
1889	0.535851	1.866192	2.0811%
1888	0.524926	1.905030	2.1599%
1887	0.513828	1.946176	2.2075%
1886	0.502730	1.989138	2.2592%
1885	0.491624	2.034076	2.3095%
1884	0.480526	2.081054	2.3641%
1883	0.469428	2.130253	2.4214%

1882	0.458330	2.181834	2.4815%
1881	0.447232	2.235976	3.7644%
1880	0.431007	2.320147	0.9432%
1879	0.426980	2.342031	2.1464%
1878	0.418008	2.392300	2.1913%
1877	0.409044	2.444723	2.2426%
1876	0.400072	2.499548	2.2941%
1875	0.391100	2.556889	2.3456%
1874	0.382137	2.616864	2.4043%
1873	0.373165	2.679781	2.4635%
1872	0.364193	2.745799	2.5258%
1871	0.355221	2.815152	5.9947%
1870	0.335131	2.983911	-1.0968%
1869	0.338847	2.951184	2.1930%
1868	0.331576	3.015902	2.2394%
1867	0.324313	3.083441	2.2935%
1866	0.317042	3.154160	2.3445%
1865	0.309779	3.228108	2.4037%
1864	0.302508	3.305702	2.4599%
1863	0.295245	3.387018	2.5250%
1862	0.287974	3.472541	2.5872%
1861	0.280711	3.562384	2.9504%
1860	0.272666	3.667489	2.4012%
1859	0.266272	3.755554	2.7627%
1858	0.259114	3.859309	2.8412%
1857	0.251955	3.968960	2.9243%
1856	0.244797	4.085023	3.0161%
1855	0.237629	4.208233	3.1061%
1854	0.230471	4.338944	3.2056%
1853	0.223312	4.478034	3.3118%
1852	0.216154	4.626337	3.4252%
1851	0.208995	4.784799	4.0106%
1850	0.200936	4.976699	2.3254%
1849	0.196370	5.092425	2.7841%
1848	0.191051	5.234203	2.8590%
1847	0.185741	5.383849	2.9432%
1846	0.180430	5.542305	3.0324%
1845	0.175120	5.710370	3.1325%
1844	0.169801	5.889247	3.2284%
1843	0.164491	6.079373	3.3361%
1842	0.159180	6.282185	3.4512%
1841	0.153870	6.498995	3.8105%
1840	0.148222	6.746639	2.3861%
1839	0.144768	6.907617	2.5824%
1838	0.141123	7.085999	2.6573%
1837	0.137470	7.274297	2.7232%
1836	0.133826	7.472391	2.7994%
1835	0.130182	7.681576	2.8871%
1834	0.126529	7.903352	2.9657%
1833	0.122884	8.137740	3.0563%
1832	0.119240	8.386456	3.1604%
1831	0.115587	8.651504	3.4660%
1830	0.111715	8.951362	2.4653%

1829	0.109027	9.172040	2.6804%
1828	0.106181	9.417887	10.3427%
1827	0.096228	10.391946	-4.2314%
1826	0.100480	9.952218	2.9150%
1825	0.097634	10.242328	3.0026%
1824	0.094788	10.549861	3.0955%
1823	0.091942	10.876433	3.1944%
1822	0.089096	11.223868	3.3102%
1821	0.086241	11.595400	3.2277%
1820	0.083544	11.969669	2.6573%
1819	0.081382	12.287736	2.6261%
1818	0.079299	12.610426	2.6969%
1817	0.077217	12.950520	2.7717%
1816	0.075134	13.309468	2.8507%
1815	0.073052	13.688880	2.9343%
1814	0.070970	14.090559	3.0231%
1813	0.068887	14.516523	3.1039%
1812	0.066813	14.967101	3.2172%
1811	0.064731	15.448617	3.0969%
1810	0.062786	15.927047	2.9144%
1809	0.061008	16.391222	2.8225%
1808	0.059334	16.853858	2.9199%
1807	0.057650	17.345978	2.9918%
1806	0.055976	17.864933	3.0841%
1805	0.054301	18.415896	3.1822%
1804	0.052626	19.001926	3.2868%
1803	0.050952	19.626478	3.3985%
1802	0.049277	20.293481	3.5180%
1801	0.047602	21.007415	3.3999%
1800	0.046037	21.721656	2.8419%
1799	0.044765	22.338957	2.7485%
1798	0.043567	22.952934	2.8261%
1797	0.042370	23.601614	3.7832%
1796	0.040825	24.494512	2.1272%
1795	0.039975	25.015559	3.0879%
1794	0.038778	25.788024	3.1625%
1793	0.037589	26.603573	3.2904%
1792	0.036392	27.478941	3.4024%
1791	0.035194	28.413876	3.2296%
1790	0.034093	29.331520	41.3145%
1780	0.024126	41.449676	29.4353%
1770	0.018639	53.650519	83.4728%
1750	0.010159	98.434131	29.2845%
1740	0.007858	127.260027	94.2514%
1720	0.004045	247.204376	85.8111%
1700	0.002177	459.333121	19.2490%
1690	0.001826	547.750380	88.0250%
1670	0.000971	1029.907775	

BASE YEAR: 1924

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.653357	0.376881	8.2857%
2001	2.450331	0.408108	1.0000%
2000	2.426070	0.412189	1.0000%
1999	2.402049	0.416311	1.0000%
1998	2.378267	0.420474	1.0000%
1997	2.354719	0.424679	1.0000%
1996	2.331405	0.428926	1.0000%
1995	2.308322	0.433215	0.9992%
1994	2.285485	0.437544	1.0008%
1993	2.262839	0.441923	1.0000%
1992	2.240435	0.446342	0.9295%
1991	2.219801	0.450491	1.2505%
1990	2.192385	0.456124	0.7224%
1989	2.176660	0.459419	1.1077%
1988	2.152814	0.464508	0.8834%
1987	2.133963	0.468612	0.5594%
1986	2.122093	0.471233	1.3056%
1985	2.094744	0.477385	0.7673%
1984	2.078793	0.481048	0.8149%
1983	2.061989	0.484969	0.9737%
1982	2.042104	0.489691	0.9508%
1981	2.022871	0.494347	0.9031%
1980	2.004766	0.498811	2.2701%
1979	1.960267	0.510135	1.0042%
1978	1.940778	0.515257	0.9896%
1977	1.921760	0.520356	0.9103%
1976	1.904424	0.525093	0.8394%
1975	1.888570	0.529501	0.9042%
1974	1.871647	0.534289	1.1568%
1973	1.850244	0.540469	0.9427%
1972	1.832964	0.545564	0.7426%
1971	1.819453	0.549616	1.4697%
1970	1.793099	0.557694	0.6968%
1969	1.780691	0.561580	0.8565%
1968	1.765568	0.566390	1.5090%
1967	1.739321	0.574937	0.9949%
1966	1.722187	0.580657	1.0575%
1965	1.704166	0.586797	1.1300%
1964	1.685123	0.593428	1.5537%
1963	1.659343	0.602648	1.4658%
1962	1.635371	0.611482	1.5364%
1961	1.610625	0.620877	2.1586%
1960	1.576592	0.634279	-1.6655%
1959	1.603295	0.623716	4.3080%
1958	1.537078	0.650585	2.1130%
1957	1.505272	0.664332	1.9895%
1956	1.475909	0.677549	2.1231%
1955	1.445225	0.691934	1.4496%
1954	1.424574	0.701964	2.1573%
1953	1.394492	0.717107	1.2298%
1952	1.377551	0.725926	1.6814%
1951	1.354772	0.738131	1.6233%
1950	1.333132	0.750113	1.4265%

1949	1.314382	0.760814	1.7790%
1948	1.291407	0.774349	1.8242%
1947	1.268272	0.788474	-2.6320%
1946	1.302556	0.767722	3.1768%
1945	1.262450	0.792111	6.4754%
1944	1.185673	0.843403	-0.3437%
1943	1.189762	0.840504	0.6562%
1942	1.182005	0.846020	0.6633%
1941	1.174217	0.851632	-5.6614%
1940	1.244683	0.803417	8.0381%
1939	1.152078	0.867997	0.8126%
1938	1.142791	0.875050	0.7762%
1937	1.133989	0.881843	0.6029%
1936	1.127193	0.887159	0.5244%
1935	1.121313	0.891811	-3.0364%
1934	1.156427	0.864733	4.6271%
1933	1.105284	0.904745	1.3921%
1932	1.090108	0.917340	-0.2051%
1931	1.092348	0.915459	0.8886%
1930	1.082727	0.923594	1.0126%
1929	1.071874	0.932946	1.1526%
1928	1.059660	0.943699	1.2160%
1927	1.046929	0.955174	1.4086%
1926	1.032387	0.968629	1.7667%
1925	1.014465	0.985741	1.4465%
1924	1.000000	1.000000	1.7700%
1923	0.982608	1.017700	1.6165%
1922	0.966977	1.034151	1.3736%
1921	0.953874	1.048357	2.3393%
1920	0.932070	1.072881	1.3140%
1919	0.919981	1.086979	0.7676%
1918	0.912973	1.095323	0.3870%
1917	0.909453	1.099562	1.3274%
1916	0.897539	1.114158	1.4083%
1915	0.885075	1.129848	1.4458%
1914	0.872461	1.146183	1.9424%
1913	0.855837	1.168447	1.9857%
1912	0.839174	1.191648	1.5634%
1911	0.826256	1.210279	1.8169%
1910	0.811512	1.232268	1.8781%
1909	0.796552	1.255411	2.0082%
1908	0.780870	1.280623	1.9603%
1907	0.765857	1.305726	1.8264%
1906	0.752121	1.329573	1.9357%
1905	0.737839	1.355310	2.0148%
1904	0.723266	1.382617	2.1335%
1903	0.708157	1.412115	1.8151%
1902	0.695533	1.437747	1.8943%
1901	0.682602	1.464983	3.0255%
1900	0.662556	1.509306	0.6278%
1899	0.658422	1.518782	1.7757%
1898	0.646935	1.545751	1.8078%
1897	0.635448	1.573694	1.8396%

1896	0.623969	1.602644	1.8755%
1895	0.612482	1.632702	1.9114%
1894	0.600994	1.663909	1.9486%
1893	0.589507	1.696333	1.9858%
1892	0.578028	1.730019	2.0276%
1891	0.566541	1.765097	2.6465%
1890	0.551934	1.811810	1.5328%
1889	0.543602	1.839582	2.0811%
1888	0.532519	1.877866	2.1599%
1887	0.521261	1.918425	2.2075%
1886	0.510002	1.960775	2.2592%
1885	0.498735	2.005073	2.3095%
1884	0.487477	2.051381	2.3641%
1883	0.476218	2.099878	2.4214%
1882	0.464960	2.150724	2.4815%
1881	0.453701	2.204094	3.7644%
1880	0.437242	2.287065	0.9432%
1879	0.433156	2.308637	2.1464%
1878	0.424054	2.358189	2.1913%
1877	0.414961	2.409864	2.2426%
1876	0.405859	2.463908	2.2941%
1875	0.396757	2.520431	2.3456%
1874	0.387664	2.579550	2.4043%
1873	0.378563	2.641571	2.4635%
1872	0.369461	2.706647	2.5258%
1871	0.360359	2.775011	5.9947%
1870	0.339978	2.941364	-1.0968%
1869	0.343749	2.909104	2.1930%
1868	0.336372	2.972899	2.2394%
1867	0.329004	3.039475	2.2935%
1866	0.321628	3.109185	2.3445%
1865	0.314260	3.182079	2.4037%
1864	0.306883	3.258566	2.4599%
1863	0.299516	3.338723	2.5250%
1862	0.292139	3.423026	2.5872%
1861	0.284771	3.511589	2.9504%
1860	0.276610	3.615195	2.4012%
1859	0.270124	3.702004	2.7627%
1858	0.262862	3.804280	2.8412%
1857	0.255600	3.912367	2.9243%
1856	0.248338	4.026776	3.0161%
1855	0.241067	4.148229	3.1061%
1854	0.233805	4.277075	3.2056%
1853	0.226543	4.414183	3.3118%
1852	0.219280	4.560371	3.4252%
1851	0.212018	4.716574	4.0106%
1850	0.203843	4.905737	2.3254%
1849	0.199211	5.019814	2.7841%
1848	0.193815	5.159570	2.8590%
1847	0.188427	5.307082	2.9432%
1846	0.183040	5.463278	3.0324%
1845	0.177653	5.628947	3.1325%
1844	0.172257	5.805274	3.2284%

1843	0.166870	5.992689	3.3361%
1842	0.161483	6.192608	3.4512%
1841	0.156096	6.406327	3.8105%
1840	0.150366	6.650440	2.3861%
1839	0.146862	6.809123	2.5824%
1838	0.143165	6.984961	2.6573%
1837	0.139459	7.170574	2.7232%
1836	0.135762	7.365843	2.7994%
1835	0.132065	7.572046	2.8871%
1834	0.128359	7.790660	2.9657%
1833	0.124662	8.021706	3.0563%
1832	0.120965	8.266875	3.1604%
1831	0.117259	8.528144	3.4660%
1830	0.113331	8.823726	2.4653%
1829	0.110604	9.041258	2.6804%
1828	0.107717	9.283599	10.3427%
1827	0.097620	10.243769	-4.2314%
1826	0.101934	9.810311	2.9150%
1825	0.099046	10.096285	3.0026%
1824	0.096159	10.399433	3.0955%
1823	0.093272	10.721348	3.1944%
1822	0.090385	11.063830	3.3102%
1821	0.087489	11.430064	3.2277%
1820	0.084753	11.798996	2.6573%
1819	0.082559	12.112528	2.6261%
1818	0.080447	12.430616	2.6969%
1817	0.078334	12.765862	2.7717%
1816	0.076221	13.119691	2.8507%
1815	0.074109	13.493693	2.9343%
1814	0.071996	13.889644	3.0231%
1813	0.069883	14.309535	3.1039%
1812	0.067780	14.753689	3.2172%
1811	0.065667	15.228338	3.0969%
1810	0.063694	15.699947	2.9144%
1809	0.061891	16.157503	2.8225%
1808	0.060192	16.613542	2.9199%
1807	0.058484	17.098646	2.9918%
1806	0.056785	17.610200	3.0841%
1805	0.055086	18.153308	3.1822%
1804	0.053387	18.730981	3.2868%
1803	0.051689	19.346628	3.3985%
1802	0.049990	20.004121	3.5180%
1801	0.048291	20.707875	3.3999%
1800	0.046703	21.411932	2.8419%
1799	0.045412	22.020431	2.7485%
1798	0.044198	22.625653	2.8261%
1797	0.042983	23.265083	3.7832%
1796	0.041416	24.145250	2.1272%
1795	0.040553	24.658867	3.0879%
1794	0.039339	25.420318	3.1625%
1793	0.038133	26.224239	3.2904%
1792	0.036918	27.087125	3.4024%
1791	0.035703	28.008728	3.2296%

1790	0.034586	28.913288	41.3145%
1780	0.024475	40.858654	29.4353%
1770	0.018909	52.885528	83.4728%
1750	0.010306	97.030579	29.2845%
1740	0.007972	125.445453	94.2514%
1720	0.004104	243.679541	85.8111%
1700	0.002209	452.783587	19.2490%
1690	0.001852	539.940124	88.0250%
1670	0.000985	1015.222538	

BASE YEAR: 1923

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.700320	0.370326	8.2857%
2001	2.493701	0.401010	1.0000%
2000	2.469010	0.405021	1.0000%
1999	2.444565	0.409071	1.0000%
1998	2.420361	0.413161	1.0000%
1997	2.396397	0.417293	1.0000%
1996	2.372671	0.421466	1.0000%
1995	2.349179	0.425681	0.9992%
1994	2.325937	0.429934	1.0008%
1993	2.302891	0.434237	1.0000%
1992	2.280090	0.438579	0.9295%
1991	2.259091	0.442656	1.2505%
1990	2.231190	0.448191	0.7224%
1989	2.215186	0.451429	1.1077%
1988	2.190918	0.456430	0.8834%
1987	2.171734	0.460462	0.5594%
1986	2.159654	0.463037	1.3056%
1985	2.131820	0.469083	0.7673%
1984	2.115587	0.472682	0.8149%
1983	2.098486	0.476534	0.9737%
1982	2.078249	0.481174	0.9508%
1981	2.058675	0.485749	0.9031%
1980	2.040250	0.490136	2.2701%
1979	1.994963	0.501262	1.0042%
1978	1.975129	0.506296	0.9896%
1977	1.955775	0.511306	0.9103%
1976	1.938131	0.515961	0.8394%
1975	1.921997	0.520292	0.9042%
1974	1.904775	0.524996	1.1568%
1973	1.882993	0.531070	0.9427%
1972	1.865407	0.536076	0.7426%
1971	1.851656	0.540057	1.4697%
1970	1.824836	0.547994	0.6968%
1969	1.812208	0.551813	0.8565%
1968	1.796818	0.556539	1.5090%
1967	1.770106	0.564938	0.9949%
1966	1.752669	0.570558	1.0575%
1965	1.734329	0.576592	1.1300%
1964	1.714950	0.583108	1.5537%

1963	1.688713	0.592167	1.4658%
1962	1.664317	0.600847	1.5364%
1961	1.639133	0.610079	2.1586%
1960	1.604497	0.623248	-1.6655%
1959	1.631673	0.612868	4.3080%
1958	1.564283	0.639270	2.1130%
1957	1.531915	0.652778	1.9895%
1956	1.502032	0.665765	2.1231%
1955	1.470805	0.679900	1.4496%
1954	1.449789	0.689756	2.1573%
1953	1.419174	0.704635	1.2298%
1952	1.401933	0.713301	1.6814%
1951	1.378751	0.725294	1.6233%
1950	1.356728	0.737067	1.4265%
1949	1.337646	0.747582	1.7790%
1948	1.314265	0.760882	1.8242%
1947	1.290720	0.774761	-2.6320%
1946	1.325610	0.754369	3.1768%
1945	1.284795	0.778334	6.4754%
1944	1.206659	0.828735	-0.3437%
1943	1.210820	0.825886	0.6562%
1942	1.202926	0.831306	0.6633%
1941	1.195000	0.836820	-5.6614%
1940	1.266714	0.789444	8.0381%
1939	1.172470	0.852901	0.8126%
1938	1.163019	0.859832	0.7762%
1937	1.154060	0.866506	0.6029%
1936	1.147144	0.871730	0.5244%
1935	1.141160	0.876301	-3.0364%
1934	1.176895	0.849693	4.6271%
1933	1.124847	0.889010	1.3921%
1932	1.109403	0.901386	-0.2051%
1931	1.111683	0.899537	0.8886%
1930	1.101891	0.907531	1.0126%
1929	1.090846	0.916720	1.1526%
1928	1.078416	0.927286	1.2160%
1927	1.065460	0.938562	1.4086%
1926	1.050660	0.951782	1.7667%
1925	1.032421	0.968597	1.4465%
1924	1.017700	0.982608	1.7700%
1923	1.000000	1.000000	1.6165%
1922	0.984092	1.016165	1.3736%
1921	0.970757	1.030124	2.3393%
1920	0.948567	1.054222	1.3140%
1919	0.936265	1.068074	0.7676%
1918	0.929132	1.076273	0.3870%
1917	0.925550	1.080438	1.3274%
1916	0.913425	1.094780	1.4083%
1915	0.900740	1.110198	1.4458%
1914	0.887903	1.126249	1.9424%
1913	0.870985	1.148125	1.9857%
1912	0.854027	1.170923	1.5634%
1911	0.840881	1.189230	1.8169%

1910	0.825875	1.210837	1.8781%
1909	0.810651	1.233577	2.0082%
1908	0.794691	1.258350	1.9603%
1907	0.779413	1.283017	1.8264%
1906	0.765433	1.306450	1.9357%
1905	0.750898	1.331738	2.0148%
1904	0.736068	1.358571	2.1335%
1903	0.720692	1.387556	1.8151%
1902	0.707843	1.412742	1.8943%
1901	0.694684	1.439504	3.0255%
1900	0.674283	1.483057	0.6278%
1899	0.670076	1.492368	1.7757%
1898	0.658385	1.518867	1.8078%
1897	0.646695	1.546325	1.8396%
1896	0.635013	1.574771	1.8755%
1895	0.623322	1.604306	1.9114%
1894	0.611632	1.634971	1.9486%
1893	0.599941	1.666830	1.9858%
1892	0.588259	1.699930	2.0276%
1891	0.576569	1.734399	2.6465%
1890	0.561703	1.780300	1.5328%
1889	0.553223	1.807588	2.0811%
1888	0.541945	1.845207	2.1599%
1887	0.530487	1.885060	2.2075%
1886	0.519029	1.926674	2.2592%
1885	0.507563	1.970201	2.3095%
1884	0.496105	2.015703	2.3641%
1883	0.484647	2.063357	2.4214%
1882	0.473189	2.113319	2.4815%
1881	0.461732	2.165760	3.7644%
1880	0.444981	2.247288	0.9432%
1879	0.440823	2.268485	2.1464%
1878	0.431560	2.317176	2.1913%
1877	0.422306	2.367952	2.2426%
1876	0.413043	2.421056	2.2941%
1875	0.403780	2.476596	2.3456%
1874	0.394526	2.534687	2.4043%
1873	0.385263	2.595629	2.4635%
1872	0.376000	2.659574	2.5258%
1871	0.366737	2.726748	5.9947%
1870	0.345996	2.890208	-1.0968%
1869	0.349833	2.858509	2.1930%
1868	0.342326	2.921195	2.2394%
1867	0.334828	2.986612	2.2935%
1866	0.327320	3.055110	2.3445%
1865	0.319822	3.126737	2.4037%
1864	0.312315	3.201894	2.4599%
1863	0.304817	3.280657	2.5250%
1862	0.297310	3.363494	2.5872%
1861	0.289812	3.450515	2.9504%
1860	0.281506	3.552320	2.4012%
1859	0.274905	3.637619	2.7627%
1858	0.267514	3.738116	2.8412%

1857	0.260124	3.844324	2.9243%
1856	0.252733	3.956743	3.0161%
1855	0.245334	4.076084	3.1061%
1854	0.237943	4.202689	3.2056%
1853	0.230552	4.337412	3.3118%
1852	0.223162	4.481058	3.4252%
1851	0.215771	4.634544	4.0106%
1850	0.207451	4.820417	2.3254%
1849	0.202737	4.932510	2.7841%
1848	0.197245	5.069835	2.8590%
1847	0.191763	5.214782	2.9432%
1846	0.186280	5.368261	3.0324%
1845	0.180798	5.531049	3.1325%
1844	0.175306	5.704309	3.2284%
1843	0.169824	5.888465	3.3361%
1842	0.164341	6.084907	3.4512%
1841	0.158859	6.294909	3.8105%
1840	0.153027	6.534776	2.3861%
1839	0.149461	6.690699	2.5824%
1838	0.145699	6.863479	2.6573%
1837	0.141927	7.045864	2.7232%
1836	0.138165	7.237737	2.7994%
1835	0.134402	7.440354	2.8871%
1834	0.130631	7.655166	2.9657%
1833	0.126868	7.882194	3.0563%
1832	0.123106	8.123099	3.1604%
1831	0.119334	8.379823	3.4660%
1830	0.115337	8.670265	2.4653%
1829	0.112562	8.884013	2.6804%
1828	0.109623	9.122140	10.3427%
1827	0.099348	10.065611	-4.2314%
1826	0.103738	9.639691	2.9150%
1825	0.100799	9.920692	3.0026%
1824	0.097861	10.218567	3.0955%
1823	0.094923	10.534883	3.1944%
1822	0.091984	10.871409	3.3102%
1821	0.089037	11.231273	3.2277%
1820	0.086253	11.593789	2.6573%
1819	0.084020	11.901869	2.6261%
1818	0.081870	12.214424	2.6969%
1817	0.079720	12.543839	2.7717%
1816	0.077570	12.891515	2.8507%
1815	0.075420	13.259012	2.9343%
1814	0.073270	13.648077	3.0231%
1813	0.071120	14.060666	3.1039%
1812	0.068979	14.497094	3.2172%
1811	0.066829	14.963489	3.0969%
1810	0.064822	15.426895	2.9144%
1809	0.062986	15.876493	2.8225%
1808	0.061257	16.324601	2.9199%
1807	0.059519	16.801268	2.9918%
1806	0.057790	17.303926	3.0841%
1805	0.056061	17.837588	3.1822%

1804	0.054332	18.405214	3.2868%
1803	0.052603	19.010154	3.3985%
1802	0.050875	19.656211	3.5180%
1801	0.049146	20.347726	3.3999%
1800	0.047530	21.039538	2.8419%
1799	0.046216	21.637454	2.7485%
1798	0.044980	22.232150	2.8261%
1797	0.043744	22.860460	3.7832%
1796	0.042149	23.725319	2.1272%
1795	0.041271	24.230003	3.0879%
1794	0.040035	24.978211	3.1625%
1793	0.038808	25.768150	3.2904%
1792	0.037571	26.616029	3.4024%
1791	0.036335	27.521604	3.2296%
1790	0.035198	28.410431	41.3145%
1780	0.024908	40.148045	29.4353%
1770	0.019243	51.965749	83.4728%
1750	0.010488	95.343035	29.2845%
1740	0.008113	123.263720	94.2514%
1720	0.004176	239.441495	85.8111%
1700	0.002248	444.908828	19.2490%
1690	0.001885	530.549548	88.0250%
1670	0.001002	997.565907	

BASE YEAR: 1922

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.743972	0.364435	8.2857%
2001	2.534012	0.394631	1.0000%
2000	2.508922	0.398577	1.0000%
1999	2.484082	0.402563	1.0000%
1998	2.459487	0.406589	1.0000%
1997	2.435135	0.410655	1.0000%
1996	2.411025	0.414761	1.0000%
1995	2.387154	0.418909	0.9992%
1994	2.363537	0.423095	1.0008%
1993	2.340117	0.427329	1.0000%
1992	2.316948	0.431602	0.9295%
1991	2.295610	0.435614	1.2505%
1990	2.267258	0.441061	0.7224%
1989	2.250995	0.444248	1.1077%
1988	2.226335	0.449169	0.8834%
1987	2.206840	0.453137	0.5594%
1986	2.194565	0.455671	1.3056%
1985	2.166281	0.461621	0.7673%
1984	2.149786	0.465163	0.8149%
1983	2.132408	0.468953	0.9737%
1982	2.111844	0.473520	0.9508%
1981	2.091954	0.478022	0.9031%
1980	2.073231	0.482339	2.2701%
1979	2.027212	0.493288	1.0042%
1978	2.007058	0.498242	0.9896%

1977	1.987390	0.503172	0.9103%
1976	1.969462	0.507753	0.8394%
1975	1.953067	0.512015	0.9042%
1974	1.935566	0.516645	1.1568%
1973	1.913432	0.522621	0.9427%
1972	1.895562	0.527548	0.7426%
1971	1.881589	0.531466	1.4697%
1970	1.854335	0.539277	0.6968%
1969	1.841503	0.543035	0.8565%
1968	1.825864	0.547686	1.5090%
1967	1.798720	0.555951	0.9949%
1966	1.781001	0.561482	1.0575%
1965	1.762365	0.567420	1.1300%
1964	1.742672	0.573831	1.5537%
1963	1.716011	0.582747	1.4658%
1962	1.691221	0.591289	1.5364%
1961	1.665630	0.600374	2.1586%
1960	1.630434	0.613333	-1.6655%
1959	1.658049	0.603118	4.3080%
1958	1.589570	0.629101	2.1130%
1957	1.556678	0.642393	1.9895%
1956	1.526313	0.655174	2.1231%
1955	1.494581	0.669084	1.4496%
1954	1.473225	0.678783	2.1573%
1953	1.442115	0.693426	1.2298%
1952	1.424596	0.701953	1.6814%
1951	1.401039	0.713756	1.6233%
1950	1.378660	0.725342	1.4265%
1949	1.359269	0.735689	1.7790%
1948	1.335510	0.748778	1.8242%
1947	1.311585	0.762436	-2.6320%
1946	1.347039	0.742369	3.1768%
1945	1.305564	0.765952	6.4754%
1944	1.226165	0.815551	-0.3437%
1943	1.230393	0.812748	0.6562%
1942	1.222372	0.818082	0.6633%
1941	1.214317	0.823508	-5.6614%
1940	1.287191	0.776886	8.0381%
1939	1.191423	0.839333	0.8126%
1938	1.181819	0.846153	0.7762%
1937	1.172716	0.852722	0.6029%
1936	1.165688	0.857862	0.5244%
1935	1.159607	0.862361	-3.0364%
1934	1.195920	0.836176	4.6271%
1933	1.143030	0.874867	1.3921%
1932	1.127337	0.887047	-0.2051%
1931	1.129653	0.885227	0.8886%
1930	1.119704	0.893093	1.0126%
1929	1.108479	0.902137	1.1526%
1928	1.095849	0.912535	1.2160%
1927	1.082683	0.923631	1.4086%
1926	1.067645	0.936641	1.7667%
1925	1.049110	0.953189	1.4465%

1924	1.034151	0.966977	1.7700%
1923	1.016165	0.984092	1.6165%
1922	1.000000	1.000000	1.3736%
1921	0.986450	1.013736	2.3393%
1920	0.963901	1.037451	1.3140%
1919	0.951400	1.051083	0.7676%
1918	0.944152	1.059152	0.3870%
1917	0.940512	1.063250	1.3274%
1916	0.928191	1.077364	1.4083%
1915	0.915301	1.092537	1.4458%
1914	0.902256	1.108333	1.9424%
1913	0.885065	1.129861	1.9857%
1912	0.867832	1.152296	1.5634%
1911	0.854474	1.170311	1.8169%
1910	0.839226	1.191575	1.8781%
1909	0.823755	1.213953	2.0082%
1908	0.807538	1.238332	1.9603%
1907	0.792012	1.262607	1.8264%
1906	0.777807	1.285667	1.9357%
1905	0.763037	1.310553	2.0148%
1904	0.747966	1.336958	2.1335%
1903	0.732342	1.365483	1.8151%
1902	0.719286	1.390268	1.8943%
1901	0.705913	1.416605	3.0255%
1900	0.685183	1.459464	0.6278%
1899	0.680908	1.468627	1.7757%
1898	0.669028	1.494705	1.8078%
1897	0.657149	1.521726	1.8396%
1896	0.645278	1.549719	1.8755%
1895	0.633399	1.578785	1.9114%
1894	0.621519	1.608962	1.9486%
1893	0.609639	1.640314	1.9858%
1892	0.597769	1.672888	2.0276%
1891	0.585889	1.706808	2.6465%
1890	0.570783	1.751979	1.5328%
1889	0.562166	1.778833	2.0811%
1888	0.550705	1.815853	2.1599%
1887	0.539062	1.855073	2.2075%
1886	0.527419	1.896024	2.2592%
1885	0.515767	1.938859	2.3095%
1884	0.504124	1.983637	2.3641%
1883	0.492481	2.030533	2.4214%
1882	0.480839	2.079700	2.4815%
1881	0.469196	2.131307	3.7644%
1880	0.452174	2.211538	0.9432%
1879	0.447949	2.232398	2.1464%
1878	0.438536	2.280314	2.1913%
1877	0.429133	2.330283	2.2426%
1876	0.419720	2.382542	2.2941%
1875	0.410307	2.437199	2.3456%
1874	0.400904	2.494365	2.4043%
1873	0.391491	2.554338	2.4635%
1872	0.382078	2.617265	2.5258%

1871	0.372666	2.683371	5.9947%
1870	0.351589	2.844231	-1.0968%
1869	0.355488	2.813035	2.1930%
1868	0.347859	2.874725	2.2394%
1867	0.340240	2.939101	2.2935%
1866	0.332612	3.006510	2.3445%
1865	0.324992	3.076996	2.4037%
1864	0.317364	3.150958	2.4599%
1863	0.309744	3.228468	2.5250%
1862	0.302116	3.309987	2.5872%
1861	0.294497	3.395624	2.9504%
1860	0.286057	3.495809	2.4012%
1859	0.279349	3.579752	2.7627%
1858	0.271839	3.678650	2.8412%
1857	0.264329	3.783168	2.9243%
1856	0.256819	3.893799	3.0161%
1855	0.249299	4.011241	3.1061%
1854	0.241789	4.135833	3.2056%
1853	0.234279	4.268412	3.3118%
1852	0.226769	4.409773	3.4252%
1851	0.219259	4.560817	4.0106%
1850	0.210804	4.743734	2.3254%
1849	0.206014	4.854043	2.7841%
1848	0.200434	4.989184	2.8590%
1847	0.194862	5.131825	2.9432%
1846	0.189291	5.282863	3.0324%
1845	0.183720	5.443061	3.1325%
1844	0.178140	5.613565	3.2284%
1843	0.172569	5.794791	3.3361%
1842	0.166998	5.988108	3.4512%
1841	0.161427	6.194770	3.8105%
1840	0.155501	6.430820	2.3861%
1839	0.151877	6.584263	2.5824%
1838	0.148054	6.754295	2.6573%
1837	0.144222	6.933778	2.7232%
1836	0.140398	7.122599	2.7994%
1835	0.136575	7.321992	2.8871%
1834	0.132742	7.533387	2.9657%
1833	0.128919	7.756803	3.0563%
1832	0.125096	7.993876	3.1604%
1831	0.121263	8.246517	3.4660%
1830	0.117201	8.532338	2.4653%
1829	0.114381	8.742686	2.6804%
1828	0.111395	8.977024	10.3427%
1827	0.100954	9.905487	-4.2314%
1826	0.105415	9.486343	2.9150%
1825	0.102429	9.762873	3.0026%
1824	0.099443	10.056010	3.0955%
1823	0.096457	10.367294	3.1944%
1822	0.093471	10.698466	3.3102%
1821	0.090476	11.052606	3.2277%
1820	0.087647	11.409355	2.6573%
1819	0.085379	11.712533	2.6261%

1818	0.083194	12.020117	2.6969%
1817	0.081009	12.344291	2.7717%
1816	0.078824	12.686436	2.8507%
1815	0.076640	13.048087	2.9343%
1814	0.074455	13.430963	3.0231%
1813	0.072270	13.836988	3.1039%
1812	0.070094	14.266474	3.2172%
1811	0.067910	14.725449	3.0969%
1810	0.065870	15.181483	2.9144%
1809	0.064004	15.623929	2.8225%
1808	0.062247	16.064909	2.9199%
1807	0.060481	16.533993	2.9918%
1806	0.058725	17.028654	3.0841%
1805	0.056968	17.553827	3.1822%
1804	0.055211	18.112423	3.2868%
1803	0.053454	18.707740	3.3985%
1802	0.051697	19.343520	3.5180%
1801	0.049940	20.024034	3.3999%
1800	0.048298	20.704840	2.8419%
1799	0.046963	21.293244	2.7485%
1798	0.045707	21.878480	2.8261%
1797	0.044451	22.496795	3.7832%
1796	0.042830	23.347895	2.1272%
1795	0.041938	23.844551	3.0879%
1794	0.040682	24.580857	3.1625%
1793	0.039435	25.358229	3.2904%
1792	0.038179	26.192620	3.4024%
1791	0.036922	27.083789	3.2296%
1790	0.035767	27.958477	41.3145%
1780	0.025310	39.509368	29.4353%
1770	0.019555	51.139075	83.4728%
1750	0.010658	93.826314	29.2845%
1740	0.008244	121.302836	94.2514%
1720	0.004244	235.632450	85.8111%
1700	0.002284	437.831200	19.2490%
1690	0.001915	522.109544	88.0250%
1670	0.001019	981.696586	

BASE YEAR: 1921

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.781664	0.359497	8.2857%
2001	2.568820	0.389284	1.0000%
2000	2.543386	0.393177	1.0000%
1999	2.518204	0.397108	1.0000%
1998	2.493271	0.401079	1.0000%
1997	2.468586	0.405090	1.0000%
1996	2.444144	0.409141	1.0000%
1995	2.419945	0.413233	0.9992%
1994	2.396003	0.417362	1.0008%
1993	2.372262	0.421539	1.0000%
1992	2.348774	0.425754	0.9295%

1991	2.327144	0.429711	1.2505%
1990	2.298402	0.435085	0.7224%
1989	2.281916	0.438228	1.1077%
1988	2.256917	0.443082	0.8834%
1987	2.237155	0.446996	0.5594%
1986	2.224710	0.449497	1.3056%
1985	2.196038	0.455365	0.7673%
1984	2.179317	0.458859	0.8149%
1983	2.161700	0.462599	0.9737%
1982	2.140854	0.467103	0.9508%
1981	2.120690	0.471545	0.9031%
1980	2.101710	0.475803	2.2701%
1979	2.055059	0.486604	1.0042%
1978	2.034628	0.491490	0.9896%
1977	2.014690	0.496354	0.9103%
1976	1.996515	0.500873	0.8394%
1975	1.979895	0.505077	0.9042%
1974	1.962154	0.509644	1.1568%
1973	1.939715	0.515540	0.9427%
1972	1.921600	0.520400	0.7426%
1971	1.907435	0.524264	1.4697%
1970	1.879807	0.531970	0.6968%
1969	1.866799	0.535676	0.8565%
1968	1.850945	0.540265	1.5090%
1967	1.823428	0.548417	0.9949%
1966	1.805466	0.553874	1.0575%
1965	1.786573	0.559731	1.1300%
1964	1.766610	0.566056	1.5537%
1963	1.739583	0.574850	1.4658%
1962	1.714452	0.583277	1.5364%
1961	1.688510	0.592238	2.1586%
1960	1.652831	0.605023	-1.6655%
1959	1.680825	0.594946	4.3080%
1958	1.611405	0.620576	2.1130%
1957	1.578062	0.633689	1.9895%
1956	1.547279	0.646296	2.1231%
1955	1.515111	0.660017	1.4496%
1954	1.493462	0.669585	2.1573%
1953	1.461925	0.684030	1.2298%
1952	1.444165	0.692442	1.6814%
1951	1.420285	0.704084	1.6233%
1950	1.397598	0.715513	1.4265%
1949	1.377941	0.725721	1.7790%
1948	1.353855	0.738631	1.8242%
1947	1.329601	0.752105	-2.6320%
1946	1.365543	0.732310	3.1768%
1945	1.323498	0.755574	6.4754%
1944	1.243008	0.804500	-0.3437%
1943	1.247295	0.801735	0.6562%
1942	1.239163	0.806996	0.6633%
1941	1.230998	0.812349	-5.6614%
1940	1.304872	0.766359	8.0381%
1939	1.207789	0.827959	0.8126%

1938	1.198053	0.834688	0.7762%
1937	1.188825	0.841167	0.6029%
1936	1.181701	0.846238	0.5244%
1935	1.175536	0.850676	-3.0364%
1934	1.212347	0.824846	4.6271%
1933	1.158732	0.863013	1.3921%
1932	1.142822	0.875027	-0.2051%
1931	1.145171	0.873232	0.8886%
1930	1.135084	0.880992	1.0126%
1929	1.123706	0.889913	1.1526%
1928	1.110902	0.900170	1.2160%
1927	1.097555	0.911116	1.4086%
1926	1.082310	0.923950	1.7667%
1925	1.063521	0.940273	1.4465%
1924	1.048357	0.953874	1.7700%
1923	1.030124	0.970757	1.6165%
1922	1.013736	0.986450	1.3736%
1921	1.000000	1.000000	2.3393%
1920	0.977142	1.023393	1.3140%
1919	0.964468	1.036841	0.7676%
1918	0.957121	1.044800	0.3870%
1917	0.953431	1.048843	1.3274%
1916	0.940941	1.062766	1.4083%
1915	0.927874	1.077733	1.4458%
1914	0.914650	1.093315	1.9424%
1913	0.897222	1.114551	1.9857%
1912	0.879753	1.136682	1.5634%
1911	0.866211	1.154453	1.8169%
1910	0.850754	1.175429	1.8781%
1909	0.835070	1.197504	2.0082%
1908	0.818630	1.221553	1.9603%
1907	0.802892	1.245498	1.8264%
1906	0.788491	1.268245	1.9357%
1905	0.773518	1.292794	2.0148%
1904	0.758241	1.318842	2.1335%
1903	0.742402	1.346980	1.8151%
1902	0.729166	1.371430	1.8943%
1901	0.715610	1.397409	3.0255%
1900	0.694595	1.439688	0.6278%
1899	0.690261	1.448727	1.7757%
1898	0.678218	1.474451	1.8078%
1897	0.666176	1.501106	1.8396%
1896	0.654142	1.528720	1.8755%
1895	0.642099	1.557392	1.9114%
1894	0.630056	1.587160	1.9486%
1893	0.618014	1.618088	1.9858%
1892	0.605980	1.650220	2.0276%
1891	0.593937	1.683680	2.6465%
1890	0.578624	1.728239	1.5328%
1889	0.569888	1.754730	2.0811%
1888	0.558270	1.791248	2.1599%
1887	0.546467	1.829936	2.2075%
1886	0.534664	1.870332	2.2592%

1885	0.522852	1.912586	2.3095%
1884	0.511049	1.956758	2.3641%
1883	0.499246	2.003019	2.4214%
1882	0.487444	2.051520	2.4815%
1881	0.475641	2.102428	3.7644%
1880	0.458385	2.181571	0.9432%
1879	0.454102	2.202148	2.1464%
1878	0.444560	2.249415	2.1913%
1877	0.435027	2.298706	2.2426%
1876	0.425485	2.350257	2.2941%
1875	0.415943	2.404174	2.3456%
1874	0.406411	2.460566	2.4043%
1873	0.396869	2.519726	2.4635%
1872	0.387327	2.581800	2.5258%
1871	0.377785	2.647011	5.9947%
1870	0.356419	2.805690	-1.0968%
1869	0.360371	2.774918	2.1930%
1868	0.352638	2.835771	2.2394%
1867	0.344914	2.899275	2.2935%
1866	0.337181	2.965770	2.3445%
1865	0.329456	3.035302	2.4037%
1864	0.321723	3.108262	2.4599%
1863	0.313999	3.184721	2.5250%
1862	0.306266	3.265136	2.5872%
1861	0.298542	3.349613	2.9504%
1860	0.289986	3.448440	2.4012%
1859	0.283186	3.531245	2.7627%
1858	0.275573	3.628803	2.8412%
1857	0.267960	3.731905	2.9243%
1856	0.260346	3.841036	3.0161%
1855	0.252724	3.956887	3.1061%
1854	0.245111	4.079791	3.2056%
1853	0.237497	4.210574	3.3118%
1852	0.229884	4.350019	3.4252%
1851	0.222271	4.499017	4.0106%
1850	0.213700	4.679455	2.3254%
1849	0.208844	4.788269	2.7841%
1848	0.203187	4.921579	2.8590%
1847	0.197539	5.062287	2.9432%
1846	0.191891	5.211278	3.0324%
1845	0.186244	5.369305	3.1325%
1844	0.180587	5.537499	3.2284%
1843	0.174939	5.716270	3.3361%
1842	0.169292	5.906968	3.4512%
1841	0.163644	6.110828	3.8105%
1840	0.157637	6.343681	2.3861%
1839	0.153964	6.495044	2.5824%
1838	0.150088	6.662772	2.6573%
1837	0.146203	6.839823	2.7232%
1836	0.142327	7.026086	2.7994%
1835	0.138451	7.222777	2.8871%
1834	0.134566	7.431307	2.9657%
1833	0.130690	7.651696	3.0563%

1832	0.126814	7.885557	3.1604%
1831	0.122929	8.134774	3.4660%
1830	0.118811	8.416722	2.4653%
1829	0.115953	8.624220	2.6804%
1828	0.112926	8.855383	10.3427%
1827	0.102341	9.771264	-4.2314%
1826	0.106863	9.357800	2.9150%
1825	0.103836	9.630583	3.0026%
1824	0.100809	9.919747	3.0955%
1823	0.097782	10.226814	3.1944%
1822	0.094755	10.553498	3.3102%
1821	0.091719	10.902839	3.2277%
1820	0.088851	11.254755	2.6573%
1819	0.086551	11.553825	2.6261%
1818	0.084337	11.857241	2.6969%
1817	0.082122	12.177022	2.7717%
1816	0.079907	12.514531	2.8507%
1815	0.077692	12.871282	2.9343%
1814	0.075478	13.248969	3.0231%
1813	0.073263	13.649493	3.1039%
1812	0.071057	14.073159	3.2172%
1811	0.068842	14.525914	3.0969%
1810	0.066775	14.975770	2.9144%
1809	0.064884	15.412220	2.8225%
1808	0.063103	15.847224	2.9199%
1807	0.061312	16.309952	2.9918%
1806	0.059531	16.797911	3.0841%
1805	0.057750	17.315967	3.1822%
1804	0.055969	17.866994	3.2868%
1803	0.054188	18.454244	3.3985%
1802	0.052407	19.081409	3.5180%
1801	0.050626	19.752702	3.3999%
1800	0.048961	20.424283	2.8419%
1799	0.047608	21.004714	2.7485%
1798	0.046335	21.582020	2.8261%
1797	0.045061	22.191956	3.7832%
1796	0.043419	23.031524	2.1272%
1795	0.042514	23.521450	3.0879%
1794	0.041241	24.247778	3.1625%
1793	0.039977	25.014617	3.2904%
1792	0.038703	25.837702	3.4024%
1791	0.037430	26.716795	3.2296%
1790	0.036259	27.579631	41.3145%
1780	0.025658	38.974004	29.4353%
1770	0.019823	50.446125	83.4728%
1750	0.010804	92.554938	29.2845%
1740	0.008357	119.659144	94.2514%
1720	0.004302	232.439556	85.8111%
1700	0.002315	431.898450	19.2490%
1690	0.001942	515.034796	88.0250%
1670	0.001033	968.394290	

BASE YEAR: 1920

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.846736	0.351280	8.2857%
2001	2.628913	0.380385	1.0000%
2000	2.602884	0.384189	1.0000%
1999	2.577113	0.388031	1.0000%
1998	2.551597	0.391911	1.0000%
1997	2.526333	0.395831	1.0000%
1996	2.501320	0.399789	1.0000%
1995	2.476555	0.403787	0.9992%
1994	2.452053	0.407821	1.0008%
1993	2.427757	0.411903	1.0000%
1992	2.403720	0.416022	0.9295%
1991	2.381583	0.419889	1.2505%
1990	2.352168	0.425140	0.7224%
1989	2.335297	0.428211	1.1077%
1988	2.309713	0.432954	0.8834%
1987	2.289489	0.436779	0.5594%
1986	2.276753	0.439222	1.3056%
1985	2.247410	0.444957	0.7673%
1984	2.230298	0.448371	0.8149%
1983	2.212269	0.452025	0.9737%
1982	2.190935	0.456426	0.9508%
1981	2.170299	0.460766	0.9031%
1980	2.150876	0.464927	2.2701%
1979	2.103133	0.475481	1.0042%
1978	2.082224	0.480256	0.9896%
1977	2.061820	0.485008	0.9103%
1976	2.043220	0.489424	0.8394%
1975	2.026211	0.493532	0.9042%
1974	2.008055	0.497994	1.1568%
1973	1.985091	0.503755	0.9427%
1972	1.966553	0.508504	0.7426%
1971	1.952056	0.512280	1.4697%
1970	1.923781	0.519810	0.6968%
1969	1.910469	0.523432	0.8565%
1968	1.894244	0.527915	1.5090%
1967	1.866084	0.535882	0.9949%
1966	1.847701	0.541213	1.0575%
1965	1.828367	0.546936	1.1300%
1964	1.807937	0.553117	1.5537%
1963	1.780277	0.561710	1.4658%
1962	1.754559	0.569944	1.5364%
1961	1.728009	0.578701	2.1586%
1960	1.691496	0.591193	-1.6655%
1959	1.720144	0.581347	4.3080%
1958	1.649101	0.606391	2.1130%
1957	1.614977	0.619204	1.9895%
1956	1.583474	0.631523	2.1231%
1955	1.550555	0.644931	1.4496%
1954	1.528399	0.654280	2.1573%
1953	1.496124	0.668394	1.2298%

1952	1.477948	0.676614	1.6814%
1951	1.453509	0.687990	1.6233%
1950	1.430292	0.699158	1.4265%
1949	1.410175	0.709132	1.7790%
1948	1.385526	0.721747	1.8242%
1947	1.360705	0.734913	-2.6320%
1946	1.397487	0.715570	3.1768%
1945	1.354459	0.738302	6.4754%
1944	1.272086	0.786111	-0.3437%
1943	1.276473	0.783409	0.6562%
1942	1.268151	0.788550	0.6633%
1941	1.259795	0.793780	-5.6614%
1940	1.335397	0.748841	8.0381%
1939	1.236043	0.809034	0.8126%
1938	1.226079	0.815608	0.7762%
1937	1.216635	0.821939	0.6029%
1936	1.209344	0.826894	0.5244%
1935	1.203036	0.831231	-3.0364%
1934	1.240708	0.805991	4.6271%
1933	1.185838	0.843286	1.3921%
1932	1.169556	0.855025	-0.2051%
1931	1.171960	0.853272	0.8886%
1930	1.161638	0.860854	1.0126%
1929	1.149993	0.869571	1.1526%
1928	1.136889	0.879593	1.2160%
1927	1.123231	0.890289	1.4086%
1926	1.107629	0.902830	1.7667%
1925	1.088400	0.918780	1.4465%
1924	1.072881	0.932070	1.7700%
1923	1.054222	0.948567	1.6165%
1922	1.037451	0.963901	1.3736%
1921	1.023393	0.977142	2.3393%
1920	1.000000	1.000000	1.3140%
1919	0.987030	1.013140	0.7676%
1918	0.979511	1.020917	0.3870%
1917	0.975735	1.024868	1.3274%
1916	0.962953	1.038473	1.4083%
1915	0.949580	1.053097	1.4458%
1914	0.936046	1.068323	1.9424%
1913	0.918211	1.089074	1.9857%
1912	0.900334	1.110699	1.5634%
1911	0.886474	1.128064	1.8169%
1910	0.870655	1.148560	1.8781%
1909	0.854605	1.170131	2.0082%
1908	0.837781	1.193630	1.9603%
1907	0.821674	1.217028	1.8264%
1906	0.806936	1.239255	1.9357%
1905	0.791613	1.263243	2.0148%
1904	0.775978	1.288695	2.1335%
1903	0.759769	1.316190	1.8151%
1902	0.746224	1.340081	1.8943%
1901	0.732350	1.365467	3.0255%
1900	0.710844	1.406779	0.6278%

1899	0.706409	1.415611	1.7757%
1898	0.694084	1.440748	1.8078%
1897	0.681760	1.466793	1.8396%
1896	0.669444	1.493776	1.8755%
1895	0.657120	1.521792	1.9114%
1894	0.644795	1.550880	1.9486%
1893	0.632471	1.581101	1.9858%
1892	0.620156	1.612498	2.0276%
1891	0.607831	1.645194	2.6465%
1890	0.592160	1.688734	1.5328%
1889	0.583220	1.714619	2.0811%
1888	0.571330	1.750303	2.1599%
1887	0.559251	1.788107	2.2075%
1886	0.547172	1.827580	2.2592%
1885	0.535083	1.868868	2.3095%
1884	0.523004	1.912030	2.3641%
1883	0.510925	1.957233	2.4214%
1882	0.498846	2.004625	2.4815%
1881	0.486767	2.054369	3.7644%
1880	0.469108	2.131704	0.9432%
1879	0.464725	2.151811	2.1464%
1878	0.454960	2.197997	2.1913%
1877	0.445204	2.246162	2.2426%
1876	0.435439	2.296534	2.2941%
1875	0.425674	2.349218	2.3456%
1874	0.415918	2.404321	2.4043%
1873	0.406153	2.462129	2.4635%
1872	0.396387	2.522784	2.5258%
1871	0.386622	2.586504	5.9947%
1870	0.364756	2.741557	-1.0968%
1869	0.368801	2.711488	2.1930%
1868	0.360887	2.770950	2.2394%
1867	0.352982	2.833003	2.2935%
1866	0.345068	2.897978	2.3445%
1865	0.337164	2.965920	2.4037%
1864	0.329249	3.037212	2.4599%
1863	0.321345	3.111924	2.5250%
1862	0.313431	3.190500	2.5872%
1861	0.305526	3.273046	2.9504%
1860	0.296770	3.369614	2.4012%
1859	0.289811	3.450527	2.7627%
1858	0.282019	3.545855	2.8412%
1857	0.274228	3.646600	2.9243%
1856	0.266437	3.753237	3.0161%
1855	0.258636	3.866439	3.1061%
1854	0.250845	3.986533	3.2056%
1853	0.243053	4.114327	3.3118%
1852	0.235262	4.250584	3.4252%
1851	0.227470	4.396177	4.0106%
1850	0.218699	4.572490	2.3254%
1849	0.213729	4.678817	2.7841%
1848	0.207940	4.809079	2.8590%
1847	0.202160	4.946572	2.9432%

1846	0.196380	5.092157	3.0324%
1845	0.190601	5.246572	3.1325%
1844	0.184811	5.410921	3.2284%
1843	0.179032	5.585605	3.3361%
1842	0.173252	5.771944	3.4512%
1841	0.167472	5.971145	3.8105%
1840	0.161325	6.198675	2.3861%
1839	0.157565	6.346578	2.5824%
1838	0.153599	6.510472	2.6573%
1837	0.149623	6.683476	2.7232%
1836	0.145656	6.865481	2.7994%
1835	0.141690	7.057676	2.8871%
1834	0.137714	7.261439	2.9657%
1833	0.133747	7.476791	3.0563%
1832	0.129781	7.705306	3.1604%
1831	0.125805	7.948826	3.4660%
1830	0.121590	8.224330	2.4653%
1829	0.118665	8.427084	2.6804%
1828	0.115567	8.652963	10.3427%
1827	0.104735	9.547909	-4.2314%
1826	0.109363	9.143896	2.9150%
1825	0.106265	9.410443	3.0026%
1824	0.103167	9.692998	3.0955%
1823	0.100070	9.993045	3.1944%
1822	0.096972	10.312262	3.3102%
1821	0.093865	10.653618	3.2277%
1820	0.090930	10.997489	2.6573%
1819	0.088576	11.289723	2.6261%
1818	0.086310	11.586203	2.6969%
1817	0.084043	11.898675	2.7717%
1816	0.081776	12.228469	2.8507%
1815	0.079510	12.577065	2.9343%
1814	0.077243	12.946119	3.0231%
1813	0.074977	13.337487	3.1039%
1812	0.072720	13.751469	3.2172%
1811	0.070453	14.193875	3.0969%
1810	0.068337	14.633448	2.9144%
1809	0.066401	15.059922	2.8225%
1808	0.064579	15.484982	2.9199%
1807	0.062747	15.937133	2.9918%
1806	0.060924	16.413937	3.0841%
1805	0.059101	16.920152	3.1822%
1804	0.057278	17.458584	3.2868%
1803	0.055456	18.032410	3.3985%
1802	0.053633	18.645239	3.5180%
1801	0.051810	19.301187	3.3999%
1800	0.050107	19.957417	2.8419%
1799	0.048722	20.524580	2.7485%
1798	0.047419	21.088690	2.8261%
1797	0.046115	21.684684	3.7832%
1796	0.044434	22.505061	2.1272%
1795	0.043509	22.983788	3.0879%
1794	0.042206	23.693513	3.1625%

1793	0.040912	24.442823	3.2904%
1792	0.039609	25.247093	3.4024%
1791	0.038305	26.106092	3.2296%
1790	0.037107	26.949205	41.3145%
1780	0.026258	38.083121	29.4353%
1770	0.020287	49.293008	83.4728%
1750	0.011057	90.439281	29.2845%
1740	0.008553	116.923929	94.2514%
1720	0.004403	227.126362	85.8111%
1700	0.002370	422.025947	19.2490%
1690	0.001987	503.261930	88.0250%
1670	0.001057	946.258356	

BASE YEAR: 1919

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.884142	0.346724	8.2857%
2001	2.663457	0.375452	1.0000%
2000	2.637086	0.379206	1.0000%
1999	2.610976	0.382999	1.0000%
1998	2.585125	0.386828	1.0000%
1997	2.559530	0.390697	1.0000%
1996	2.534188	0.394604	1.0000%
1995	2.509097	0.398550	0.9992%
1994	2.484273	0.402532	1.0008%
1993	2.459658	0.406561	1.0000%
1992	2.435305	0.410626	0.9295%
1991	2.412877	0.414443	1.2505%
1990	2.383076	0.419626	0.7224%
1989	2.365983	0.422657	1.1077%
1988	2.340063	0.427339	0.8834%
1987	2.319573	0.431114	0.5594%
1986	2.306670	0.433525	1.3056%
1985	2.276942	0.439186	0.7673%
1984	2.259604	0.442555	0.8149%
1983	2.241338	0.446162	0.9737%
1982	2.219724	0.450506	0.9508%
1981	2.198817	0.454790	0.9031%
1980	2.179138	0.458897	2.2701%
1979	2.130768	0.469314	1.0042%
1978	2.109584	0.474027	0.9896%
1977	2.088912	0.478718	0.9103%
1976	2.070068	0.483076	0.8394%
1975	2.052836	0.487131	0.9042%
1974	2.034441	0.491536	1.1568%
1973	2.011176	0.497222	0.9427%
1972	1.992393	0.501909	0.7426%
1971	1.977706	0.505636	1.4697%
1970	1.949060	0.513068	0.6968%
1969	1.935573	0.516643	0.8565%
1968	1.919134	0.521068	1.5090%
1967	1.890605	0.528931	0.9949%

1966	1.871980	0.534194	1.0575%
1965	1.852392	0.539843	1.1300%
1964	1.831693	0.545943	1.5537%
1963	1.803670	0.554425	1.4658%
1962	1.777614	0.562552	1.5364%
1961	1.750715	0.571195	2.1586%
1960	1.713722	0.583525	-1.6655%
1959	1.742747	0.573807	4.3080%
1958	1.670771	0.598526	2.1130%
1957	1.636198	0.611173	1.9895%
1956	1.604281	0.623332	2.1231%
1955	1.570929	0.636566	1.4496%
1954	1.548482	0.645794	2.1573%
1953	1.515783	0.659725	1.2298%
1952	1.497369	0.667838	1.6814%
1951	1.472609	0.679067	1.6233%
1950	1.449086	0.690090	1.4265%
1949	1.428705	0.699935	1.7790%
1948	1.403732	0.712387	1.8242%
1947	1.378584	0.725382	-2.6320%
1946	1.415850	0.706289	3.1768%
1945	1.372256	0.728727	6.4754%
1944	1.288801	0.775915	-0.3437%
1943	1.293246	0.773248	0.6562%
1942	1.284814	0.778323	0.6633%
1941	1.276348	0.783485	-5.6614%
1940	1.352944	0.739129	8.0381%
1939	1.252284	0.798541	0.8126%
1938	1.242190	0.805030	0.7762%
1937	1.232622	0.811279	0.6029%
1936	1.225235	0.816170	0.5244%
1935	1.218844	0.820450	-3.0364%
1934	1.257011	0.795538	4.6271%
1933	1.201420	0.832348	1.3921%
1932	1.184924	0.843936	-0.2051%
1931	1.187359	0.842205	0.8886%
1930	1.176902	0.849689	1.0126%
1929	1.165104	0.858293	1.1526%
1928	1.151828	0.868185	1.2160%
1927	1.137990	0.878742	1.4086%
1926	1.122183	0.891120	1.7667%
1925	1.102702	0.906863	1.4465%
1924	1.086979	0.919981	1.7700%
1923	1.068074	0.936265	1.6165%
1922	1.051083	0.951400	1.3736%
1921	1.036841	0.964468	2.3393%
1920	1.013140	0.987030	1.3140%
1919	1.000000	1.000000	0.7676%
1918	0.992382	1.007676	0.3870%
1917	0.988556	1.011576	1.3274%
1916	0.975606	1.025004	1.4083%
1915	0.962057	1.039439	1.4458%
1914	0.948346	1.054467	1.9424%

1913	0.930277	1.074949	1.9857%
1912	0.912164	1.096294	1.5634%
1911	0.898123	1.113434	1.8169%
1910	0.882096	1.133664	1.8781%
1909	0.865835	1.154955	2.0082%
1908	0.848789	1.178149	1.9603%
1907	0.832471	1.201244	1.8264%
1906	0.817539	1.223183	1.9357%
1905	0.802015	1.246859	2.0148%
1904	0.786175	1.271982	2.1335%
1903	0.769752	1.299120	1.8151%
1902	0.756029	1.322701	1.8943%
1901	0.741973	1.347757	3.0255%
1900	0.720184	1.388534	0.6278%
1899	0.715691	1.397251	1.7757%
1898	0.703204	1.422062	1.8078%
1897	0.690718	1.447769	1.8396%
1896	0.678241	1.474402	1.8755%
1895	0.665754	1.502055	1.9114%
1894	0.653268	1.530765	1.9486%
1893	0.640782	1.560594	1.9858%
1892	0.628305	1.591585	2.0276%
1891	0.615818	1.623856	2.6465%
1890	0.599941	1.666832	1.5328%
1889	0.590883	1.692381	2.0811%
1888	0.578837	1.727602	2.1599%
1887	0.566599	1.764915	2.2075%
1886	0.554362	1.803877	2.2592%
1885	0.542114	1.844629	2.3095%
1884	0.529877	1.887232	2.3641%
1883	0.517639	1.931848	2.4214%
1882	0.505401	1.978626	2.4815%
1881	0.493164	2.027725	3.7644%
1880	0.475272	2.104057	0.9432%
1879	0.470831	2.123903	2.1464%
1878	0.460938	2.169490	2.1913%
1877	0.451054	2.217030	2.2426%
1876	0.441160	2.266749	2.2941%
1875	0.431267	2.318750	2.3456%
1874	0.421383	2.373138	2.4043%
1873	0.411489	2.430196	2.4635%
1872	0.401596	2.490065	2.5258%
1871	0.391702	2.552958	5.9947%
1870	0.369549	2.706000	-1.0968%
1869	0.373647	2.676321	2.1930%
1868	0.365629	2.735012	2.2394%
1867	0.357621	2.796260	2.2935%
1866	0.349602	2.860392	2.3445%
1865	0.341594	2.927453	2.4037%
1864	0.333576	2.997820	2.4599%
1863	0.325567	3.071563	2.5250%
1862	0.317549	3.149120	2.5872%
1861	0.309540	3.230596	2.9504%

1860	0.300669	3.325911	2.4012%
1859	0.293619	3.405774	2.7627%
1858	0.285725	3.499866	2.8412%
1857	0.277831	3.599304	2.9243%
1856	0.269938	3.704558	3.0161%
1855	0.262034	3.816293	3.1061%
1854	0.254141	3.934829	3.2056%
1853	0.246247	4.060965	3.3118%
1852	0.238353	4.195456	3.4252%
1851	0.230459	4.339160	4.0106%
1850	0.221573	4.513186	2.3254%
1849	0.216538	4.618134	2.7841%
1848	0.210672	4.746707	2.8590%
1847	0.204817	4.882416	2.9432%
1846	0.198961	5.026113	3.0324%
1845	0.193105	5.178525	3.1325%
1844	0.187240	5.340743	3.2284%
1843	0.181384	5.513161	3.3361%
1842	0.175528	5.697084	3.4512%
1841	0.169673	5.893701	3.8105%
1840	0.163445	6.118280	2.3861%
1839	0.159636	6.264265	2.5824%
1838	0.155617	6.426033	2.6573%
1837	0.151589	6.596794	2.7232%
1836	0.147570	6.776438	2.7994%
1835	0.143552	6.966140	2.8871%
1834	0.139523	7.167261	2.9657%
1833	0.135505	7.379819	3.0563%
1832	0.131486	7.605370	3.1604%
1831	0.127458	7.845732	3.4660%
1830	0.123188	8.117663	2.4653%
1829	0.120224	8.317788	2.6804%
1828	0.117086	8.540737	10.3427%
1827	0.106111	9.424076	-4.2314%
1826	0.110800	9.025302	2.9150%
1825	0.107661	9.288393	3.0026%
1824	0.104523	9.567283	3.0955%
1823	0.101385	9.863439	3.1944%
1822	0.098246	10.178516	3.3102%
1821	0.095098	10.515444	3.2277%
1820	0.092125	10.854855	2.6573%
1819	0.089740	11.143299	2.6261%
1818	0.087444	11.435934	2.6969%
1817	0.085147	11.744353	2.7717%
1816	0.082851	12.069869	2.8507%
1815	0.080555	12.413945	2.9343%
1814	0.078258	12.778212	3.0231%
1813	0.075962	13.164504	3.1039%
1812	0.073675	13.573117	3.2172%
1811	0.071379	14.009786	3.0969%
1810	0.069235	14.443657	2.9144%
1809	0.067274	14.864600	2.8225%
1808	0.065427	15.284147	2.9199%

1807	0.063571	15.730433	2.9918%
1806	0.061724	16.201054	3.0841%
1805	0.059878	16.700703	3.1822%
1804	0.058031	17.232152	3.2868%
1803	0.056184	17.798535	3.3985%
1802	0.054338	18.403416	3.5180%
1801	0.052491	19.050857	3.3999%
1800	0.050765	19.698576	2.8419%
1799	0.049362	20.258383	2.7485%
1798	0.048042	20.815176	2.8261%
1797	0.046721	21.403441	3.7832%
1796	0.045018	22.213177	2.1272%
1795	0.044081	22.685696	3.0879%
1794	0.042760	23.386216	3.1625%
1793	0.041449	24.125808	3.2904%
1792	0.040129	24.919647	3.4024%
1791	0.038809	25.767505	3.2296%
1790	0.037594	26.599683	41.3145%
1780	0.026603	37.589196	29.4353%
1770	0.020553	48.653694	83.4728%
1750	0.011202	89.266314	29.2845%
1740	0.008665	115.407465	94.2514%
1720	0.004461	224.180609	85.8111%
1700	0.002401	416.552411	19.2490%
1690	0.002013	496.734791	88.0250%
1670	0.001071	933.985702	

BASE YEAR: 1918

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.906282	0.344082	8.2857%
2001	2.683903	0.372592	1.0000%
2000	2.657329	0.376318	1.0000%
1999	2.631019	0.380081	1.0000%
1998	2.604970	0.383882	1.0000%
1997	2.579178	0.387720	1.0000%
1996	2.553641	0.391598	1.0000%
1995	2.528358	0.395514	0.9992%
1994	2.503344	0.399466	1.0008%
1993	2.478539	0.403463	1.0000%
1992	2.453999	0.407498	0.9295%
1991	2.431399	0.411286	1.2505%
1990	2.401370	0.416429	0.7224%
1989	2.384145	0.419437	1.1077%
1988	2.358026	0.424083	0.8834%
1987	2.337379	0.427830	0.5594%
1986	2.324377	0.430223	1.3056%
1985	2.294420	0.435840	0.7673%
1984	2.276950	0.439184	0.8149%
1983	2.258544	0.442763	0.9737%
1982	2.236763	0.447075	0.9508%
1981	2.215696	0.451325	0.9031%

1980	2.195866	0.455401	2.2701%
1979	2.147125	0.465739	1.0042%
1978	2.125779	0.470416	0.9896%
1977	2.104948	0.475071	0.9103%
1976	2.085959	0.479396	0.8394%
1975	2.068594	0.483420	0.9042%
1974	2.050058	0.487791	1.1568%
1973	2.026614	0.493434	0.9427%
1972	2.007688	0.498085	0.7426%
1971	1.992888	0.501784	1.4697%
1970	1.964022	0.509159	0.6968%
1969	1.950431	0.512707	0.8565%
1968	1.933867	0.517099	1.5090%
1967	1.905118	0.524902	0.9949%
1966	1.886350	0.530124	1.0575%
1965	1.866611	0.535730	1.1300%
1964	1.845754	0.541784	1.5537%
1963	1.817516	0.550201	1.4658%
1962	1.791260	0.558266	1.5364%
1961	1.764154	0.566844	2.1586%
1960	1.726877	0.579080	-1.6655%
1959	1.756125	0.569435	4.3080%
1958	1.683596	0.593967	2.1130%
1957	1.648759	0.606517	1.9895%
1956	1.616596	0.618584	2.1231%
1955	1.582988	0.631717	1.4496%
1954	1.560369	0.640874	2.1573%
1953	1.527419	0.654699	1.2298%
1952	1.508863	0.662751	1.6814%
1951	1.483913	0.673894	1.6233%
1950	1.460210	0.684833	1.4265%
1949	1.439672	0.694602	1.7790%
1948	1.414508	0.706960	1.8242%
1947	1.389167	0.719856	-2.6320%
1946	1.426719	0.700909	3.1768%
1945	1.382790	0.723175	6.4754%
1944	1.298694	0.770004	-0.3437%
1943	1.303173	0.767358	0.6562%
1942	1.294677	0.772393	0.6633%
1941	1.286146	0.777517	-5.6614%
1940	1.363330	0.733498	8.0381%
1939	1.261897	0.792457	0.8126%
1938	1.251726	0.798897	0.7762%
1937	1.242084	0.805099	0.6029%
1936	1.234641	0.809952	0.5244%
1935	1.228200	0.814200	-3.0364%
1934	1.266660	0.789478	4.6271%
1933	1.210643	0.826008	1.3921%
1932	1.194020	0.837507	-0.2051%
1931	1.196474	0.835789	0.8886%
1930	1.185936	0.843216	1.0126%
1929	1.174048	0.851754	1.1526%
1928	1.160670	0.861571	1.2160%

1927	1.146726	0.872048	1.4086%
1926	1.130798	0.884332	1.7667%
1925	1.111167	0.899955	1.4465%
1924	1.095323	0.912973	1.7700%
1923	1.076273	0.929132	1.6165%
1922	1.059152	0.944152	1.3736%
1921	1.044800	0.957121	2.3393%
1920	1.020917	0.979511	1.3140%
1919	1.007676	0.992382	0.7676%
1918	1.000000	1.000000	0.3870%
1917	0.996145	1.003870	1.3274%
1916	0.983095	1.017196	1.4083%
1915	0.969443	1.031521	1.4458%
1914	0.955626	1.046434	1.9424%
1913	0.937418	1.066760	1.9857%
1912	0.919166	1.087943	1.5634%
1911	0.905017	1.104951	1.8169%
1910	0.888867	1.125028	1.8781%
1909	0.872481	1.146156	2.0082%
1908	0.855305	1.169174	1.9603%
1907	0.838861	1.192093	1.8264%
1906	0.823815	1.213864	1.9357%
1905	0.808172	1.237361	2.0148%
1904	0.792210	1.262292	2.1335%
1903	0.775661	1.289223	1.8151%
1902	0.761833	1.312624	1.8943%
1901	0.747669	1.337490	3.0255%
1900	0.725713	1.377956	0.6278%
1899	0.721185	1.386607	1.7757%
1898	0.708602	1.411228	1.8078%
1897	0.696020	1.436740	1.8396%
1896	0.683447	1.463170	1.8755%
1895	0.670865	1.490613	1.9114%
1894	0.658283	1.519104	1.9486%
1893	0.645700	1.548706	1.9858%
1892	0.633128	1.579460	2.0276%
1891	0.620545	1.611486	2.6465%
1890	0.604546	1.654134	1.5328%
1889	0.595419	1.679489	2.0811%
1888	0.583280	1.714441	2.1599%
1887	0.570949	1.751470	2.2075%
1886	0.558617	1.790135	2.2592%
1885	0.546276	1.830577	2.3095%
1884	0.533944	1.872855	2.3641%
1883	0.521613	1.917132	2.4214%
1882	0.509281	1.963553	2.4815%
1881	0.496949	2.012278	3.7644%
1880	0.478921	2.088028	0.9432%
1879	0.474446	2.107723	2.1464%
1878	0.464476	2.152963	2.1913%
1877	0.454516	2.200141	2.2426%
1876	0.444547	2.249481	2.2941%
1875	0.434578	2.301085	2.3456%

1874	0.424618	2.355060	2.4043%
1873	0.414648	2.411683	2.4635%
1872	0.404679	2.471096	2.5258%
1871	0.394709	2.533510	5.9947%
1870	0.372386	2.685385	-1.0968%
1869	0.376516	2.655933	2.1930%
1868	0.368436	2.714176	2.2394%
1867	0.360366	2.774958	2.2935%
1866	0.352286	2.838602	2.3445%
1865	0.344216	2.905152	2.4037%
1864	0.336136	2.974983	2.4599%
1863	0.328066	3.048164	2.5250%
1862	0.319987	3.125130	2.5872%
1861	0.311917	3.205985	2.9504%
1860	0.302978	3.300575	2.4012%
1859	0.295873	3.379829	2.7627%
1858	0.287919	3.473204	2.8412%
1857	0.279964	3.571885	2.9243%
1856	0.272010	3.676337	3.0161%
1855	0.264046	3.787221	3.1061%
1854	0.256092	3.904854	3.2056%
1853	0.248137	4.030029	3.3118%
1852	0.240183	4.163495	3.4252%
1851	0.232228	4.306104	4.0106%
1850	0.223274	4.478805	2.3254%
1849	0.218200	4.582954	2.7841%
1848	0.212290	4.710547	2.8590%
1847	0.206389	4.845222	2.9432%
1846	0.200488	4.987825	3.0324%
1845	0.194588	5.139076	3.1325%
1844	0.188677	5.300057	3.2284%
1843	0.182777	5.471162	3.3361%
1842	0.176876	5.653684	3.4512%
1841	0.170975	5.848803	3.8105%
1840	0.164699	6.071671	2.3861%
1839	0.160861	6.216544	2.5824%
1838	0.156812	6.377080	2.6573%
1837	0.152752	6.546539	2.7232%
1836	0.148703	6.724815	2.7994%
1835	0.144653	6.913072	2.8871%
1834	0.140594	7.112661	2.9657%
1833	0.136545	7.323600	3.0563%
1832	0.132495	7.547433	3.1604%
1831	0.128436	7.785964	3.4660%
1830	0.124134	8.055823	2.4653%
1829	0.121147	8.254423	2.6804%
1828	0.117985	8.475674	10.3427%
1827	0.106926	9.352284	-4.2314%
1826	0.111650	8.956548	2.9150%
1825	0.108488	9.217635	3.0026%
1824	0.105325	9.494400	3.0955%
1823	0.102163	9.788300	3.1944%
1822	0.099000	10.100976	3.3102%

1821	0.095828	10.435338	3.2277%
1820	0.092832	10.772164	2.6573%
1819	0.090429	11.058410	2.6261%
1818	0.088115	11.348816	2.6969%
1817	0.085801	11.654885	2.7717%
1816	0.083487	11.977922	2.8507%
1815	0.081173	12.319376	2.9343%
1814	0.078859	12.680869	3.0231%
1813	0.076545	13.064218	3.1039%
1812	0.074241	13.469718	3.2172%
1811	0.071927	13.903060	3.0969%
1810	0.069766	14.333626	2.9144%
1809	0.067790	14.751362	2.8225%
1808	0.065930	15.167714	2.9199%
1807	0.064059	15.610600	2.9918%
1806	0.062198	16.077635	3.0841%
1805	0.060337	16.573478	3.1822%
1804	0.058477	17.100878	3.2868%
1803	0.056616	17.662947	3.3985%
1802	0.054755	18.263220	3.5180%
1801	0.052894	18.905728	3.3999%
1800	0.051155	19.548513	2.8419%
1799	0.049741	20.104056	2.7485%
1798	0.048411	20.656607	2.8261%
1797	0.047080	21.240390	3.7832%
1796	0.045364	22.043959	2.1272%
1795	0.044419	22.512877	3.0879%
1794	0.043088	23.208061	3.1625%
1793	0.041768	23.942019	3.2904%
1792	0.040437	24.729810	3.4024%
1791	0.039106	25.571209	3.2296%
1790	0.037883	26.397048	41.3145%
1780	0.026808	37.302843	29.4353%
1770	0.020711	48.283052	83.4728%
1750	0.011288	88.586287	29.2845%
1740	0.008731	114.528296	94.2514%
1720	0.004495	222.472812	85.8111%
1700	0.002419	413.379135	19.2490%
1690	0.002029	492.950689	88.0250%
1670	0.001079	926.870643	

BASE YEAR: 1917

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.917529	0.342756	8.2857%
2001	2.694289	0.371155	1.0000%
2000	2.667613	0.374867	1.0000%
1999	2.641201	0.378616	1.0000%
1998	2.615050	0.382402	1.0000%
1997	2.589159	0.386226	1.0000%
1996	2.563524	0.390088	1.0000%
1995	2.538142	0.393989	0.9992%

1994	2.513031	0.397926	1.0008%
1993	2.488131	0.401908	1.0000%
1992	2.463496	0.405927	0.9295%
1991	2.440808	0.409700	1.2505%
1990	2.410663	0.414824	0.7224%
1989	2.393372	0.417821	1.1077%
1988	2.367152	0.422449	0.8834%
1987	2.346424	0.426180	0.5594%
1986	2.333372	0.428564	1.3056%
1985	2.303300	0.434160	0.7673%
1984	2.285761	0.437491	0.8149%
1983	2.267284	0.441056	0.9737%
1982	2.245419	0.445351	0.9508%
1981	2.224271	0.449586	0.9031%
1980	2.204364	0.453646	2.2701%
1979	2.155434	0.463944	1.0042%
1978	2.134005	0.468602	0.9896%
1977	2.113094	0.473240	0.9103%
1976	2.094031	0.477548	0.8394%
1975	2.076599	0.481557	0.9042%
1974	2.057991	0.485911	1.1568%
1973	2.034457	0.491532	0.9427%
1972	2.015457	0.496165	0.7426%
1971	2.000600	0.499850	1.4697%
1970	1.971622	0.507197	0.6968%
1969	1.957979	0.510731	0.8565%
1968	1.941350	0.515105	1.5090%
1967	1.912490	0.522878	0.9949%
1966	1.893650	0.528081	1.0575%
1965	1.873835	0.533665	1.1300%
1964	1.852897	0.539695	1.5537%
1963	1.824550	0.548080	1.4658%
1962	1.798191	0.556114	1.5364%
1961	1.770982	0.564659	2.1586%
1960	1.733560	0.576848	-1.6655%
1959	1.762921	0.567240	4.3080%
1958	1.690112	0.591677	2.1130%
1957	1.655139	0.604179	1.9895%
1956	1.622852	0.616199	2.1231%
1955	1.589114	0.629281	1.4496%
1954	1.566407	0.638404	2.1573%
1953	1.533329	0.652176	1.2298%
1952	1.514702	0.660196	1.6814%
1951	1.489656	0.671296	1.6233%
1950	1.465861	0.682193	1.4265%
1949	1.445244	0.691925	1.7790%
1948	1.419982	0.704234	1.8242%
1947	1.394543	0.717081	-2.6320%
1946	1.432240	0.698207	3.1768%
1945	1.388142	0.720388	6.4754%
1944	1.303720	0.767036	-0.3437%
1943	1.308216	0.764400	0.6562%
1942	1.299687	0.769416	0.6633%

1941	1.291123	0.774519	-5.6614%
1940	1.368606	0.730670	8.0381%
1939	1.266781	0.789403	0.8126%
1938	1.256570	0.795817	0.7762%
1937	1.246891	0.801995	0.6029%
1936	1.239418	0.806830	0.5244%
1935	1.232953	0.811061	-3.0364%
1934	1.271562	0.786434	4.6271%
1933	1.215328	0.822823	1.3921%
1932	1.198641	0.834278	-0.2051%
1931	1.201104	0.832567	0.8886%
1930	1.190525	0.839965	1.0126%
1929	1.178591	0.848471	1.1526%
1928	1.165162	0.858250	1.2160%
1927	1.151163	0.868686	1.4086%
1926	1.135174	0.880923	1.7667%
1925	1.115467	0.896486	1.4465%
1924	1.099562	0.909453	1.7700%
1923	1.080438	0.925550	1.6165%
1922	1.063250	0.940512	1.3736%
1921	1.048843	0.953431	2.3393%
1920	1.024868	0.975735	1.3140%
1919	1.011576	0.988556	0.7676%
1918	1.003870	0.996145	0.3870%
1917	1.000000	1.000000	1.3274%
1916	0.986900	1.013274	1.4083%
1915	0.973194	1.027544	1.4458%
1914	0.959324	1.042400	1.9424%
1913	0.941046	1.062648	1.9857%
1912	0.922723	1.083749	1.5634%
1911	0.908519	1.100692	1.8169%
1910	0.892307	1.120691	1.8781%
1909	0.875858	1.141738	2.0082%
1908	0.858615	1.164667	1.9603%
1907	0.842107	1.187497	1.8264%
1906	0.827003	1.209185	1.9357%
1905	0.811299	1.232591	2.0148%
1904	0.795276	1.257426	2.1335%
1903	0.778663	1.284253	1.8151%
1902	0.764781	1.307564	1.8943%
1901	0.750563	1.332334	3.0255%
1900	0.728521	1.372644	0.6278%
1899	0.723976	1.381262	1.7757%
1898	0.711345	1.405788	1.8078%
1897	0.698714	1.431201	1.8396%
1896	0.686092	1.457530	1.8755%
1895	0.673461	1.484866	1.9114%
1894	0.660830	1.513248	1.9486%
1893	0.648199	1.542736	1.9858%
1892	0.635578	1.573371	2.0276%
1891	0.622947	1.605273	2.6465%
1890	0.606886	1.647757	1.5328%
1889	0.597724	1.673014	2.0811%

1888	0.585538	1.707832	2.1599%
1887	0.573158	1.744719	2.2075%
1886	0.560779	1.783234	2.2592%
1885	0.548390	1.823520	2.3095%
1884	0.536011	1.865635	2.3641%
1883	0.523631	1.909741	2.4214%
1882	0.511252	1.955983	2.4815%
1881	0.498872	2.004521	3.7644%
1880	0.480774	2.079979	0.9432%
1879	0.476282	2.099598	2.1464%
1878	0.466274	2.144663	2.1913%
1877	0.456275	2.191659	2.2426%
1876	0.446267	2.240809	2.2941%
1875	0.436259	2.292215	2.3456%
1874	0.426261	2.345981	2.4043%
1873	0.416253	2.402386	2.4635%
1872	0.406245	2.461570	2.5258%
1871	0.396237	2.523743	5.9947%
1870	0.373827	2.675033	-1.0968%
1869	0.377973	2.645694	2.1930%
1868	0.369862	2.703713	2.2394%
1867	0.361760	2.764260	2.2935%
1866	0.353649	2.827659	2.3445%
1865	0.345548	2.893953	2.4037%
1864	0.337437	2.963514	2.4599%
1863	0.329336	3.036413	2.5250%
1862	0.321225	3.113083	2.5872%
1861	0.313124	3.193626	2.9504%
1860	0.304150	3.287851	2.4012%
1859	0.297018	3.366800	2.7627%
1858	0.289033	3.459815	2.8412%
1857	0.281048	3.558116	2.9243%
1856	0.273063	3.662165	3.0161%
1855	0.265068	3.772621	3.1061%
1854	0.257083	3.889801	3.2056%
1853	0.249097	4.014493	3.3118%
1852	0.241112	4.147445	3.4252%
1851	0.233127	4.289504	4.0106%
1850	0.224138	4.461539	2.3254%
1849	0.219044	4.565287	2.7841%
1848	0.213111	4.692388	2.8590%
1847	0.207188	4.826544	2.9432%
1846	0.201264	4.968597	3.0324%
1845	0.195341	5.119265	3.1325%
1844	0.189407	5.279626	3.2284%
1843	0.183484	5.450071	3.3361%
1842	0.177560	5.631889	3.4512%
1841	0.171637	5.826256	3.8105%
1840	0.165337	6.048265	2.3861%
1839	0.161484	6.192580	2.5824%
1838	0.157418	6.352496	2.6573%
1837	0.153344	6.521303	2.7232%
1836	0.149278	6.698891	2.7994%

1835	0.145213	6.886423	2.8871%
1834	0.141138	7.085242	2.9657%
1833	0.137073	7.295368	3.0563%
1832	0.133008	7.518338	3.1604%
1831	0.128933	7.755949	3.4660%
1830	0.124614	8.024768	2.4653%
1829	0.121616	8.222602	2.6804%
1828	0.118441	8.443001	10.3427%
1827	0.107340	9.316231	-4.2314%
1826	0.112082	8.922021	2.9150%
1825	0.108908	9.182101	3.0026%
1824	0.105733	9.457799	3.0955%
1823	0.102558	9.750566	3.1944%
1822	0.099383	10.062037	3.3102%
1821	0.096199	10.395110	3.2277%
1820	0.093191	10.730637	2.6573%
1819	0.090779	11.015780	2.6261%
1818	0.088456	11.305066	2.6969%
1817	0.086133	11.609956	2.7717%
1816	0.083810	11.931747	2.8507%
1815	0.081487	12.271885	2.9343%
1814	0.079164	12.631984	3.0231%
1813	0.076841	13.013856	3.1039%
1812	0.074528	13.417792	3.2172%
1811	0.072205	13.849464	3.0969%
1810	0.070036	14.278370	2.9144%
1809	0.068053	14.694496	2.8225%
1808	0.066185	15.109242	2.9199%
1807	0.064307	15.550421	2.9918%
1806	0.062439	16.015656	3.0841%
1805	0.060571	16.509588	3.1822%
1804	0.058703	17.034955	3.2868%
1803	0.056835	17.594857	3.3985%
1802	0.054967	18.192816	3.5180%
1801	0.053099	18.832847	3.3999%
1800	0.051353	19.473154	2.8419%
1799	0.049934	20.026556	2.7485%
1798	0.048598	20.576977	2.8261%
1797	0.047262	21.158509	3.7832%
1796	0.045539	21.958980	2.1272%
1795	0.044591	22.426091	3.0879%
1794	0.043255	23.118595	3.1625%
1793	0.041929	23.849723	3.2904%
1792	0.040594	24.634478	3.4024%
1791	0.039258	25.472633	3.2296%
1790	0.038030	26.295288	41.3145%
1780	0.026911	37.159042	29.4353%
1770	0.020791	48.096923	83.4728%
1750	0.011332	88.244790	29.2845%
1740	0.008765	114.086793	94.2514%
1720	0.004512	221.615187	85.8111%
1700	0.002428	411.785572	19.2490%
1690	0.002036	491.050380	88.0250%

1670 0.001083 923.297587

BASE YEAR: 1916

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.956257	0.338266	8.2857%
2001	2.730054	0.366293	1.0000%
2000	2.703024	0.369956	1.0000%
1999	2.676261	0.373656	1.0000%
1998	2.649764	0.377392	1.0000%
1997	2.623528	0.381166	1.0000%
1996	2.597553	0.384978	1.0000%
1995	2.571834	0.388828	0.9992%
1994	2.546390	0.392713	1.0008%
1993	2.521159	0.396643	1.0000%
1992	2.496197	0.400609	0.9295%
1991	2.473209	0.404333	1.2505%
1990	2.442663	0.409389	0.7224%
1989	2.425142	0.412347	1.1077%
1988	2.398574	0.416914	0.8834%
1987	2.377571	0.420597	0.5594%
1986	2.364346	0.422950	1.3056%
1985	2.333874	0.428472	0.7673%
1984	2.316103	0.431760	0.8149%
1983	2.297381	0.435278	0.9737%
1982	2.275226	0.439517	0.9508%
1981	2.253797	0.443696	0.9031%
1980	2.233626	0.447703	2.2701%
1979	2.184046	0.457866	1.0042%
1978	2.162333	0.462464	0.9896%
1977	2.141144	0.467040	0.9103%
1976	2.121828	0.471292	0.8394%
1975	2.104165	0.475248	0.9042%
1974	2.085310	0.479545	1.1568%
1973	2.061463	0.485092	0.9427%
1972	2.042211	0.489665	0.7426%
1971	2.027157	0.493302	1.4697%
1970	1.997794	0.500552	0.6968%
1969	1.983970	0.504040	0.8565%
1968	1.967121	0.508357	1.5090%
1967	1.937877	0.516029	0.9949%
1966	1.918787	0.521163	1.0575%
1965	1.898709	0.526674	1.1300%
1964	1.877493	0.532625	1.5537%
1963	1.848769	0.540900	1.4658%
1962	1.822061	0.548829	1.5364%
1961	1.794490	0.557261	2.1586%
1960	1.756572	0.569291	-1.6655%
1959	1.786323	0.559809	4.3080%
1958	1.712547	0.583926	2.1130%
1957	1.677110	0.596264	1.9895%
1956	1.644395	0.608126	2.1231%

1955	1.610209	0.621038	1.4496%
1954	1.587200	0.630040	2.1573%
1953	1.553683	0.643632	1.2298%
1952	1.534809	0.651547	1.6814%
1951	1.509430	0.662502	1.6233%
1950	1.485319	0.673256	1.4265%
1949	1.464428	0.682860	1.7790%
1948	1.438831	0.695009	1.8242%
1947	1.413055	0.707687	-2.6320%
1946	1.451252	0.689060	3.1768%
1945	1.406568	0.710950	6.4754%
1944	1.321026	0.756987	-0.3437%
1943	1.325582	0.754386	0.6562%
1942	1.316940	0.759336	0.6633%
1941	1.308262	0.764373	-5.6614%
1940	1.386773	0.721098	8.0381%
1939	1.283597	0.779061	0.8126%
1938	1.273250	0.785392	0.7762%
1937	1.263442	0.791488	0.6029%
1936	1.255871	0.796260	0.5244%
1935	1.249320	0.800436	-3.0364%
1934	1.288441	0.776132	4.6271%
1933	1.231460	0.812044	1.3921%
1932	1.214552	0.823349	-0.2051%
1931	1.217048	0.821660	0.8886%
1930	1.206329	0.828961	1.0126%
1929	1.194236	0.837355	1.1526%
1928	1.180628	0.847007	1.2160%
1927	1.166444	0.857306	1.4086%
1926	1.150242	0.869382	1.7667%
1925	1.130274	0.884741	1.4465%
1924	1.114158	0.897539	1.7700%
1923	1.094780	0.913425	1.6165%
1922	1.077364	0.928191	1.3736%
1921	1.062766	0.940941	2.3393%
1920	1.038473	0.962953	1.3140%
1919	1.025004	0.975606	0.7676%
1918	1.017196	0.983095	0.3870%
1917	1.013274	0.986900	1.3274%
1916	1.000000	1.000000	1.4083%
1915	0.986113	1.014083	1.4458%
1914	0.972059	1.028745	1.9424%
1913	0.953537	1.048727	1.9857%
1912	0.934972	1.069551	1.5634%
1911	0.920579	1.086272	1.8169%
1910	0.904152	1.106009	1.8781%
1909	0.887484	1.126781	2.0082%
1908	0.870012	1.149409	1.9603%
1907	0.853286	1.171940	1.8264%
1906	0.837981	1.193344	1.9357%
1905	0.822069	1.216443	2.0148%
1904	0.805832	1.240953	2.1335%
1903	0.788999	1.267429	1.8151%

1902	0.774933	1.290434	1.8943%
1901	0.760526	1.314880	3.0255%
1900	0.738192	1.354662	0.6278%
1899	0.733586	1.363167	1.7757%
1898	0.720787	1.387372	1.8078%
1897	0.707989	1.412452	1.8396%
1896	0.695200	1.438435	1.8755%
1895	0.682401	1.465414	1.9114%
1894	0.669602	1.493424	1.9486%
1893	0.656804	1.522525	1.9858%
1892	0.644015	1.552759	2.0276%
1891	0.631216	1.584244	2.6465%
1890	0.614942	1.626171	1.5328%
1889	0.605658	1.651097	2.0811%
1888	0.593310	1.685459	2.1599%
1887	0.580767	1.721862	2.2075%
1886	0.568223	1.759873	2.2592%
1885	0.555669	1.799631	2.3095%
1884	0.543126	1.841194	2.3641%
1883	0.530582	1.884723	2.4214%
1882	0.518038	1.930359	2.4815%
1881	0.505495	1.978260	3.7644%
1880	0.487156	2.052730	0.9432%
1879	0.482604	2.072092	2.1464%
1878	0.472463	2.116567	2.1913%
1877	0.462332	2.162947	2.2426%
1876	0.452191	2.211454	2.2941%
1875	0.442050	2.262186	2.3456%
1874	0.431919	2.315248	2.4043%
1873	0.421778	2.370913	2.4635%
1872	0.411637	2.429322	2.5258%
1871	0.401497	2.490681	5.9947%
1870	0.378789	2.639989	-1.0968%
1869	0.382990	2.611034	2.1930%
1868	0.374771	2.668294	2.2394%
1867	0.366563	2.728047	2.2935%
1866	0.358344	2.790615	2.3445%
1865	0.350135	2.856040	2.4037%
1864	0.341916	2.924691	2.4599%
1863	0.333708	2.996635	2.5250%
1862	0.325489	3.072300	2.5872%
1861	0.317280	3.151788	2.9504%
1860	0.308187	3.244779	2.4012%
1859	0.300961	3.322694	2.7627%
1858	0.292870	3.414490	2.8412%
1857	0.284778	3.511503	2.9243%
1856	0.276687	3.614189	3.0161%
1855	0.268586	3.723198	3.1061%
1854	0.260495	3.838843	3.2056%
1853	0.252404	3.961902	3.3118%
1852	0.244313	4.093111	3.4252%
1851	0.236222	4.233310	4.0106%
1850	0.227113	4.403091	2.3254%

1849	0.221952	4.505479	2.7841%
1848	0.215940	4.630916	2.8590%
1847	0.209938	4.763314	2.9432%
1846	0.203936	4.903506	3.0324%
1845	0.197934	5.052200	3.1325%
1844	0.191922	5.210460	3.2284%
1843	0.185919	5.378673	3.3361%
1842	0.179917	5.558108	3.4512%
1841	0.173915	5.749930	3.8105%
1840	0.167531	5.969030	2.3861%
1839	0.163627	6.111454	2.5824%
1838	0.159508	6.269276	2.6573%
1837	0.155379	6.435871	2.7232%
1836	0.151260	6.611133	2.7994%
1835	0.147141	6.796207	2.8871%
1834	0.143012	6.992422	2.9657%
1833	0.138893	7.199795	3.0563%
1832	0.134774	7.419844	3.1604%
1831	0.130645	7.654343	3.4660%
1830	0.126268	7.919640	2.4653%
1829	0.123230	8.114883	2.6804%
1828	0.120014	8.332394	10.3427%
1827	0.108764	9.194184	-4.2314%
1826	0.113570	8.805138	2.9150%
1825	0.110353	9.061811	3.0026%
1824	0.107136	9.333898	3.0955%
1823	0.103920	9.622829	3.1944%
1822	0.100703	9.930220	3.3102%
1821	0.097476	10.258929	3.2277%
1820	0.094428	10.590061	2.6573%
1819	0.091984	10.871468	2.6261%
1818	0.089630	11.156965	2.6969%
1817	0.087276	11.457860	2.7717%
1816	0.084923	11.775436	2.8507%
1815	0.082569	12.111118	2.9343%
1814	0.080215	12.466500	3.0231%
1813	0.077861	12.843368	3.1039%
1812	0.075517	13.242013	3.2172%
1811	0.073163	13.668029	3.0969%
1810	0.070966	14.091317	2.9144%
1809	0.068956	14.501991	2.8225%
1808	0.067063	14.911304	2.9199%
1807	0.065161	15.346704	2.9918%
1806	0.063268	15.805844	3.0841%
1805	0.061375	16.293305	3.1822%
1804	0.059482	16.811789	3.2868%
1803	0.057589	17.364356	3.3985%
1802	0.055696	17.954481	3.5180%
1801	0.053804	18.586128	3.3999%
1800	0.052034	19.218047	2.8419%
1799	0.050597	19.764198	2.7485%
1798	0.049243	20.307409	2.8261%
1797	0.047890	20.881323	3.7832%

1796	0.046144	21.671307	2.1272%
1795	0.045183	22.132299	3.0879%
1794	0.043829	22.815731	3.1625%
1793	0.042486	23.537281	3.2904%
1792	0.041132	24.311755	3.4024%
1791	0.039779	25.138930	3.2296%
1790	0.038534	25.950808	41.3145%
1780	0.027269	36.672241	29.4353%
1770	0.021067	47.466831	83.4728%
1750	0.011483	87.088743	29.2845%
1740	0.008882	112.592204	94.2514%
1720	0.004572	218.711926	85.8111%
1700	0.002461	406.390992	19.2490%
1690	0.002063	484.617395	88.0250%
1670	0.001097	911.201966	

BASE YEAR: 1915

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2.997890	0.333568	8.2857%
2001	2.768501	0.361206	1.0000%
2000	2.741090	0.364818	1.0000%
1999	2.713951	0.368467	1.0000%
1998	2.687080	0.372151	1.0000%
1997	2.660475	0.375873	1.0000%
1996	2.634134	0.379631	1.0000%
1995	2.608053	0.383428	0.9992%
1994	2.582251	0.387259	1.0008%
1993	2.556664	0.391135	1.0000%
1992	2.531351	0.395046	0.9295%
1991	2.508038	0.398718	1.2505%
1990	2.477062	0.403704	0.7224%
1989	2.459295	0.406621	1.1077%
1988	2.432353	0.411125	0.8834%
1987	2.411054	0.414756	0.5594%
1986	2.397643	0.417076	1.3056%
1985	2.366742	0.422522	0.7673%
1984	2.348721	0.425764	0.8149%
1983	2.329735	0.429233	0.9737%
1982	2.307268	0.433413	0.9508%
1981	2.285537	0.437534	0.9031%
1980	2.265082	0.441485	2.2701%
1979	2.214804	0.451507	1.0042%
1978	2.192785	0.456041	0.9896%
1977	2.171297	0.460554	0.9103%
1976	2.151709	0.464747	0.8394%
1975	2.133797	0.468648	0.9042%
1974	2.114677	0.472885	1.1568%
1973	2.090495	0.478356	0.9427%
1972	2.070971	0.482865	0.7426%
1971	2.055705	0.486451	1.4697%
1970	2.025929	0.493601	0.6968%

1969	2.011910	0.497040	0.8565%
1968	1.994823	0.501298	1.5090%
1967	1.965168	0.508862	0.9949%
1966	1.945809	0.513925	1.0575%
1965	1.925448	0.519360	1.1300%
1964	1.903933	0.525228	1.5537%
1963	1.874805	0.533389	1.4658%
1962	1.847721	0.541207	1.5364%
1961	1.819762	0.549522	2.1586%
1960	1.781310	0.561385	-1.6655%
1959	1.811480	0.552035	4.3080%
1958	1.736664	0.575817	2.1130%
1957	1.700729	0.587983	1.9895%
1956	1.667553	0.599681	2.1231%
1955	1.632885	0.612413	1.4496%
1954	1.609553	0.621291	2.1573%
1953	1.575564	0.634693	1.2298%
1952	1.556424	0.642499	1.6814%
1951	1.530687	0.653301	1.6233%
1950	1.506237	0.663906	1.4265%
1949	1.485052	0.673377	1.7790%
1948	1.459094	0.685357	1.8242%
1947	1.432955	0.697859	-2.6320%
1946	1.471690	0.679491	3.1768%
1945	1.426377	0.701077	6.4754%
1944	1.339630	0.746475	-0.3437%
1943	1.344250	0.743909	0.6562%
1942	1.335486	0.748791	0.6633%
1941	1.326686	0.753758	-5.6614%
1940	1.406303	0.711084	8.0381%
1939	1.301673	0.768242	0.8126%
1938	1.291181	0.774485	0.7762%
1937	1.281235	0.780497	0.6029%
1936	1.273557	0.785202	0.5244%
1935	1.266914	0.789320	-3.0364%
1934	1.306586	0.765353	4.6271%
1933	1.248803	0.800767	1.3921%
1932	1.231657	0.811915	-0.2051%
1931	1.234188	0.810249	0.8886%
1930	1.223317	0.817449	1.0126%
1929	1.211054	0.825727	1.1526%
1928	1.197255	0.835244	1.2160%
1927	1.182871	0.845401	1.4086%
1926	1.166441	0.857309	1.7667%
1925	1.146191	0.872455	1.4465%
1924	1.129848	0.885075	1.7700%
1923	1.110198	0.900740	1.6165%
1922	1.092537	0.915301	1.3736%
1921	1.077733	0.927874	2.3393%
1920	1.053097	0.949580	1.3140%
1919	1.039439	0.962057	0.7676%
1918	1.031521	0.969443	0.3870%
1917	1.027544	0.973194	1.3274%

1916	1.014083	0.986113	1.4083%
1915	1.000000	1.000000	1.4458%
1914	0.985748	1.014458	1.9424%
1913	0.966966	1.034163	1.9857%
1912	0.948139	1.054698	1.5634%
1911	0.933544	1.071187	1.8169%
1910	0.916885	1.090650	1.8781%
1909	0.899983	1.111133	2.0082%
1908	0.882265	1.133447	1.9603%
1907	0.865302	1.155665	1.8264%
1906	0.849782	1.176772	1.9357%
1905	0.833646	1.199550	2.0148%
1904	0.817181	1.223719	2.1335%
1903	0.800110	1.249828	1.8151%
1902	0.785846	1.272514	1.8943%
1901	0.771236	1.296620	3.0255%
1900	0.748588	1.335849	0.6278%
1899	0.743917	1.344236	1.7757%
1898	0.730938	1.368105	1.8078%
1897	0.717959	1.392837	1.8396%
1896	0.704990	1.418459	1.8755%
1895	0.692011	1.445063	1.9114%
1894	0.679032	1.472684	1.9486%
1893	0.666053	1.501381	1.9858%
1892	0.653084	1.531196	2.0276%
1891	0.640105	1.562243	2.6465%
1890	0.623602	1.603588	1.5328%
1889	0.614187	1.628168	2.0811%
1888	0.601666	1.662052	2.1599%
1887	0.588946	1.697950	2.2075%
1886	0.576225	1.735433	2.2592%
1885	0.563495	1.774639	2.3095%
1884	0.550775	1.815625	2.3641%
1883	0.538054	1.858549	2.4214%
1882	0.525334	1.903552	2.4815%
1881	0.512613	1.950788	3.7644%
1880	0.494017	2.024223	0.9432%
1879	0.489401	2.043316	2.1464%
1878	0.479117	2.087174	2.1913%
1877	0.468843	2.132910	2.2426%
1876	0.458559	2.180743	2.2941%
1875	0.448276	2.230770	2.3456%
1874	0.438002	2.283095	2.4043%
1873	0.427718	2.337988	2.4635%
1872	0.417435	2.395585	2.5258%
1871	0.407151	2.456092	5.9947%
1870	0.384124	2.603327	-1.0968%
1869	0.388384	2.574774	2.1930%
1868	0.380049	2.631238	2.2394%
1867	0.371725	2.690162	2.2935%
1866	0.363390	2.751861	2.3445%
1865	0.355066	2.816378	2.4037%
1864	0.346732	2.884075	2.4599%

1863	0.338407	2.955020	2.5250%
1862	0.330073	3.029634	2.5872%
1861	0.321748	3.108018	2.9504%
1860	0.312528	3.199717	2.4012%
1859	0.305199	3.276550	2.7627%
1858	0.296994	3.367072	2.8412%
1857	0.288789	3.462737	2.9243%
1856	0.280584	3.563998	3.0161%
1855	0.272369	3.671493	3.1061%
1854	0.264164	3.785531	3.2056%
1853	0.255959	3.906881	3.3118%
1852	0.247754	4.036269	3.4252%
1851	0.239548	4.174520	4.0106%
1850	0.230312	4.341944	2.3254%
1849	0.225078	4.442910	2.7841%
1848	0.218981	4.566605	2.8590%
1847	0.212894	4.697164	2.9432%
1846	0.206808	4.835409	3.0324%
1845	0.200721	4.982038	3.1325%
1844	0.194624	5.138101	3.2284%
1843	0.188538	5.303977	3.3361%
1842	0.182451	5.480921	3.4512%
1841	0.176364	5.670078	3.8105%
1840	0.169891	5.886136	2.3861%
1839	0.165932	6.026582	2.5824%
1838	0.161754	6.182212	2.6573%
1837	0.157567	6.346494	2.7232%
1836	0.153390	6.519322	2.7994%
1835	0.149213	6.701826	2.8871%
1834	0.145026	6.895316	2.9657%
1833	0.140849	7.099809	3.0563%
1832	0.136672	7.316803	3.1604%
1831	0.132485	7.548044	3.4660%
1830	0.128047	7.809657	2.4653%
1829	0.124966	8.002189	2.6804%
1828	0.121704	8.216679	10.3427%
1827	0.110296	9.066501	-4.2314%
1826	0.115169	8.682858	2.9150%
1825	0.111907	8.935967	3.0026%
1824	0.108645	9.204275	3.0955%
1823	0.105383	9.489194	3.1944%
1822	0.102121	9.792316	3.3102%
1821	0.098849	10.116460	3.2277%
1820	0.095758	10.442993	2.6573%
1819	0.093279	10.720493	2.6261%
1818	0.090892	11.002024	2.6969%
1817	0.088505	11.298741	2.7717%
1816	0.086119	11.611907	2.8507%
1815	0.083732	11.942927	2.9343%
1814	0.081345	12.293373	3.0231%
1813	0.078958	12.665008	3.1039%
1812	0.076581	13.058117	3.2172%
1811	0.074194	13.478217	3.0969%

1810	0.071965	13.895626	2.9144%
1809	0.069927	14.300597	2.8225%
1808	0.068008	14.704226	2.9199%
1807	0.066078	15.133579	2.9918%
1806	0.064159	15.586343	3.0841%
1805	0.062239	16.067034	3.1822%
1804	0.060320	16.578318	3.2868%
1803	0.058400	17.123212	3.3985%
1802	0.056481	17.705142	3.5180%
1801	0.054561	18.328017	3.3999%
1800	0.052767	18.951160	2.8419%
1799	0.051309	19.489727	2.7485%
1798	0.049937	20.025393	2.8261%
1797	0.048564	20.591337	3.7832%
1796	0.046794	21.370351	2.1272%
1795	0.045819	21.824940	3.0879%
1794	0.044447	22.498881	3.1625%
1793	0.043084	23.210411	3.2904%
1792	0.041712	23.974130	3.4024%
1791	0.040339	24.789818	3.2296%
1790	0.039077	25.590420	41.3145%
1780	0.027653	36.162962	29.4353%
1770	0.021364	46.807644	83.4728%
1750	0.011644	85.879313	29.2845%
1740	0.009007	111.028600	94.2514%
1720	0.004637	215.674603	85.8111%
1700	0.002495	400.747310	19.2490%
1690	0.002093	477.887357	88.0250%
1670	0.001113	898.547811	

BASE YEAR: 1914

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.041234	0.328814	8.2857%
2001	2.808529	0.356058	1.0000%
2000	2.780721	0.359619	1.0000%
1999	2.753189	0.363215	1.0000%
1998	2.725930	0.366847	1.0000%
1997	2.698940	0.370516	1.0000%
1996	2.672218	0.374221	1.0000%
1995	2.645761	0.377963	0.9992%
1994	2.619585	0.381740	1.0008%
1993	2.593629	0.385560	1.0000%
1992	2.567949	0.389416	0.9295%
1991	2.544300	0.393035	1.2505%
1990	2.512876	0.397950	0.7224%
1989	2.494852	0.400825	1.1077%
1988	2.467520	0.405265	0.8834%
1987	2.445914	0.408845	0.5594%
1986	2.432308	0.411132	1.3056%
1985	2.400961	0.416500	0.7673%
1984	2.382679	0.419696	0.8149%

1983	2.363418	0.423116	0.9737%
1982	2.340626	0.427236	0.9508%
1981	2.318581	0.431298	0.9031%
1980	2.297830	0.435193	2.2701%
1979	2.246826	0.445072	1.0042%
1978	2.224488	0.449542	0.9896%
1977	2.202690	0.453990	0.9103%
1976	2.182819	0.458123	0.8394%
1975	2.164648	0.461969	0.9042%
1974	2.145251	0.466146	1.1568%
1973	2.120719	0.471538	0.9427%
1972	2.100914	0.475983	0.7426%
1971	2.085426	0.479518	1.4697%
1970	2.055220	0.486566	0.6968%
1969	2.040998	0.489956	0.8565%
1968	2.023665	0.494153	1.5090%
1967	1.993581	0.501610	0.9949%
1966	1.973942	0.506601	1.0575%
1965	1.953286	0.511958	1.1300%
1964	1.931461	0.517743	1.5537%
1963	1.901911	0.525787	1.4658%
1962	1.874436	0.533494	1.5364%
1961	1.846072	0.541691	2.1586%
1960	1.807064	0.553384	-1.6655%
1959	1.837670	0.544167	4.3080%
1958	1.761773	0.567610	2.1130%
1957	1.725318	0.579603	1.9895%
1956	1.691662	0.591135	2.1231%
1955	1.656493	0.603685	1.4496%
1954	1.632824	0.612436	2.1573%
1953	1.598343	0.625648	1.2298%
1952	1.578926	0.633342	1.6814%
1951	1.552818	0.643991	1.6233%
1950	1.528014	0.654444	1.4265%
1949	1.506523	0.663780	1.7790%
1948	1.480190	0.675589	1.8242%
1947	1.453672	0.687913	-2.6320%
1946	1.492968	0.669807	3.1768%
1945	1.446999	0.691085	6.4754%
1944	1.358999	0.735836	-0.3437%
1943	1.363685	0.733307	0.6562%
1942	1.354795	0.738119	0.6633%
1941	1.345868	0.743015	-5.6614%
1940	1.426636	0.700950	8.0381%
1939	1.320493	0.757293	0.8126%
1938	1.309849	0.763447	0.7762%
1937	1.299759	0.769373	0.6029%
1936	1.291970	0.774012	0.5244%
1935	1.285231	0.778070	-3.0364%
1934	1.325477	0.754445	4.6271%
1933	1.266858	0.789354	1.3921%
1932	1.249464	0.800343	-0.2051%
1931	1.252032	0.798702	0.8886%

1930	1.241004	0.805799	1.0126%
1929	1.228564	0.813958	1.1526%
1928	1.214565	0.823340	1.2160%
1927	1.199973	0.833352	1.4086%
1926	1.183305	0.845090	1.7667%
1925	1.162763	0.860020	1.4465%
1924	1.146183	0.872461	1.7700%
1923	1.126249	0.887903	1.6165%
1922	1.108333	0.902256	1.3736%
1921	1.093315	0.914650	2.3393%
1920	1.068323	0.936046	1.3140%
1919	1.054467	0.948346	0.7676%
1918	1.046434	0.955626	0.3870%
1917	1.042400	0.959324	1.3274%
1916	1.028745	0.972059	1.4083%
1915	1.014458	0.985748	1.4458%
1914	1.000000	1.000000	1.9424%
1913	0.980946	1.019424	1.9857%
1912	0.961847	1.039666	1.5634%
1911	0.947041	1.055920	1.8169%
1910	0.930141	1.075106	1.8781%
1909	0.912995	1.095297	2.0082%
1908	0.895020	1.117293	1.9603%
1907	0.877813	1.139195	1.8264%
1906	0.862069	1.160000	1.9357%
1905	0.845699	1.182454	2.0148%
1904	0.828996	1.206279	2.1335%
1903	0.811678	1.232015	1.8151%
1902	0.797208	1.254378	1.8943%
1901	0.782387	1.278140	3.0255%
1900	0.759411	1.316810	0.6278%
1899	0.754673	1.325078	1.7757%
1898	0.741506	1.348607	1.8078%
1897	0.728339	1.372986	1.8396%
1896	0.715183	1.398244	1.8755%
1895	0.702016	1.424468	1.9114%
1894	0.688850	1.451695	1.9486%
1893	0.675683	1.479984	1.9858%
1892	0.662527	1.509373	2.0276%
1891	0.649360	1.539978	2.6465%
1890	0.632618	1.580733	1.5328%
1889	0.623067	1.604963	2.0811%
1888	0.610365	1.638365	2.1599%
1887	0.597461	1.673751	2.2075%
1886	0.584556	1.710699	2.2592%
1885	0.571642	1.749347	2.3095%
1884	0.558738	1.789749	2.3641%
1883	0.545833	1.832061	2.4214%
1882	0.532929	1.876422	2.4815%
1881	0.520025	1.922985	3.7644%
1880	0.501159	1.995374	0.9432%
1879	0.496476	2.014195	2.1464%
1878	0.486044	2.057427	2.1913%

1877	0.475622	2.102512	2.2426%
1876	0.465189	2.149663	2.2941%
1875	0.454757	2.198977	2.3456%
1874	0.444335	2.250556	2.4043%
1873	0.433902	2.304667	2.4635%
1872	0.423470	2.361443	2.5258%
1871	0.413037	2.421088	5.9947%
1870	0.389678	2.566224	-1.0968%
1869	0.393999	2.538078	2.1930%
1868	0.385544	2.593738	2.2394%
1867	0.377099	2.651822	2.2935%
1866	0.368644	2.712642	2.3445%
1865	0.360200	2.776239	2.4037%
1864	0.351745	2.842971	2.4599%
1863	0.343300	2.912905	2.5250%
1862	0.334845	2.986456	2.5872%
1861	0.326400	3.063723	2.9504%
1860	0.317046	3.154115	2.4012%
1859	0.309612	3.229853	2.7627%
1858	0.301288	3.319084	2.8412%
1857	0.292964	3.413386	2.9243%
1856	0.284640	3.513204	3.0161%
1855	0.276307	3.619167	3.1061%
1854	0.267983	3.731580	3.2056%
1853	0.259659	3.851201	3.3118%
1852	0.251336	3.978744	3.4252%
1851	0.243012	4.115025	4.0106%
1850	0.233641	4.280063	2.3254%
1849	0.228332	4.379590	2.7841%
1848	0.222147	4.501521	2.8590%
1847	0.215972	4.630220	2.9432%
1846	0.209798	4.766495	3.0324%
1845	0.203623	4.911035	3.1325%
1844	0.197438	5.064873	3.2284%
1843	0.191264	5.228385	3.3361%
1842	0.185089	5.402807	3.4512%
1841	0.178914	5.589269	3.8105%
1840	0.172347	5.802247	2.3861%
1839	0.168331	5.940692	2.5824%
1838	0.164093	6.094104	2.6573%
1837	0.159845	6.256044	2.7232%
1836	0.155608	6.426409	2.7994%
1835	0.151370	6.606312	2.8871%
1834	0.147123	6.797044	2.9657%
1833	0.142885	6.998623	3.0563%
1832	0.138648	7.212524	3.1604%
1831	0.134400	7.440470	3.4660%
1830	0.129898	7.698354	2.4653%
1829	0.126773	7.888142	2.6804%
1828	0.123463	8.099575	10.3427%
1827	0.111891	8.937286	-4.2314%
1826	0.116835	8.559111	2.9150%
1825	0.113525	8.808612	3.0026%

1824	0.110216	9.073096	3.0955%
1823	0.106907	9.353954	3.1944%
1822	0.103597	9.652756	3.3102%
1821	0.100278	9.972281	3.2277%
1820	0.097142	10.294160	2.6573%
1819	0.094628	10.567704	2.6261%
1818	0.092206	10.845224	2.6969%
1817	0.089785	11.137712	2.7717%
1816	0.087364	11.446414	2.8507%
1815	0.084942	11.772716	2.9343%
1814	0.082521	12.118168	3.0231%
1813	0.080099	12.484507	3.1039%
1812	0.077688	12.872013	3.2172%
1811	0.075266	13.286126	3.0969%
1810	0.073006	13.697586	2.9144%
1809	0.070938	14.096786	2.8225%
1808	0.068991	14.494662	2.9199%
1807	0.067034	14.917896	2.9918%
1806	0.065086	15.364207	3.0841%
1805	0.063139	15.838047	3.1822%
1804	0.061192	16.342045	3.2868%
1803	0.059245	16.879172	3.3985%
1802	0.057297	17.452809	3.5180%
1801	0.055350	18.066806	3.3999%
1800	0.053530	18.681068	2.8419%
1799	0.052051	19.211960	2.7485%
1798	0.050659	19.739992	2.8261%
1797	0.049266	20.297870	3.7832%
1796	0.047470	21.065781	2.1272%
1795	0.046482	21.513892	3.0879%
1794	0.045089	22.178228	3.1625%
1793	0.043707	22.879617	3.2904%
1792	0.042315	23.632451	3.4024%
1791	0.040922	24.436514	3.2296%
1790	0.039642	25.225707	41.3145%
1780	0.028052	35.647569	29.4353%
1770	0.021673	46.140543	83.4728%
1750	0.011813	84.655364	29.2845%
1740	0.009137	109.446223	94.2514%
1720	0.004704	212.600815	85.8111%
1700	0.002531	395.035871	19.2490%
1690	0.002123	471.076521	88.0250%
1670	0.001129	885.741734	

BASE YEAR: 1913

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.100306	0.322549	8.2857%
2001	2.863081	0.349274	1.0000%
2000	2.834733	0.352767	1.0000%
1999	2.806667	0.356295	1.0000%
1998	2.778878	0.359857	1.0000%

1997	2.751364	0.363456	1.0000%
1996	2.724123	0.367091	1.0000%
1995	2.697151	0.370762	0.9992%
1994	2.670467	0.374466	1.0008%
1993	2.644007	0.378214	1.0000%
1992	2.617829	0.381996	0.9295%
1991	2.593720	0.385547	1.2505%
1990	2.561686	0.390368	0.7224%
1989	2.543311	0.393188	1.1077%
1988	2.515449	0.397543	0.8834%
1987	2.493423	0.401055	0.5594%
1986	2.479553	0.403299	1.3056%
1985	2.447596	0.408564	0.7673%
1984	2.428959	0.411699	0.8149%
1983	2.409325	0.415054	0.9737%
1982	2.386090	0.419096	0.9508%
1981	2.363617	0.423080	0.9031%
1980	2.342463	0.426901	2.2701%
1979	2.290468	0.436592	1.0042%
1978	2.267696	0.440976	0.9896%
1977	2.245474	0.445340	0.9103%
1976	2.225218	0.449394	0.8394%
1975	2.206694	0.453167	0.9042%
1974	2.186920	0.457264	1.1568%
1973	2.161911	0.462554	0.9427%
1972	2.141721	0.466914	0.7426%
1971	2.125933	0.470382	1.4697%
1970	2.095140	0.477295	0.6968%
1969	2.080642	0.480621	0.8565%
1968	2.062972	0.484738	1.5090%
1967	2.032304	0.492052	0.9949%
1966	2.012283	0.496948	1.0575%
1965	1.991227	0.502203	1.1300%
1964	1.968977	0.507878	1.5537%
1963	1.938854	0.515769	1.4658%
1962	1.910844	0.523329	1.5364%
1961	1.881930	0.531369	2.1586%
1960	1.842164	0.542840	-1.6655%
1959	1.873365	0.533799	4.3080%
1958	1.795993	0.556795	2.1130%
1957	1.758830	0.568560	1.9895%
1956	1.724521	0.579871	2.1231%
1955	1.688669	0.592182	1.4496%
1954	1.664539	0.600767	2.1573%
1953	1.629389	0.613727	1.2298%
1952	1.609595	0.621274	1.6814%
1951	1.582979	0.631720	1.6233%
1950	1.557694	0.641975	1.4265%
1949	1.535785	0.651133	1.7790%
1948	1.508941	0.662717	1.8242%
1947	1.481908	0.674806	-2.6320%
1946	1.521967	0.657045	3.1768%
1945	1.475106	0.677918	6.4754%

1944	1.385396	0.721816	-0.3437%
1943	1.390173	0.719335	0.6562%
1942	1.381110	0.724055	0.6633%
1941	1.372010	0.728858	-5.6614%
1940	1.454346	0.687594	8.0381%
1939	1.346142	0.742864	0.8126%
1938	1.335291	0.748900	0.7762%
1937	1.325006	0.754714	0.6029%
1936	1.317065	0.759264	0.5244%
1935	1.310195	0.763245	-3.0364%
1934	1.351223	0.740070	4.6271%
1933	1.291465	0.774314	1.3921%
1932	1.273733	0.785094	-0.2051%
1931	1.276351	0.783484	0.8886%
1930	1.265109	0.790446	1.0126%
1929	1.252427	0.798450	1.1526%
1928	1.238156	0.807652	1.2160%
1927	1.223281	0.817473	1.4086%
1926	1.206290	0.828988	1.7667%
1925	1.185348	0.843634	1.4465%
1924	1.168447	0.855837	1.7700%
1923	1.148125	0.870985	1.6165%
1922	1.129861	0.885065	1.3736%
1921	1.114551	0.897222	2.3393%
1920	1.089074	0.918211	1.3140%
1919	1.074949	0.930277	0.7676%
1918	1.066760	0.937418	0.3870%
1917	1.062648	0.941046	1.3274%
1916	1.048727	0.953537	1.4083%
1915	1.034163	0.966966	1.4458%
1914	1.019424	0.980946	1.9424%
1913	1.000000	1.000000	1.9857%
1912	0.980530	1.019857	1.5634%
1911	0.965436	1.035801	1.8169%
1910	0.948208	1.054621	1.8781%
1909	0.930728	1.074427	2.0082%
1908	0.912405	1.096004	1.9603%
1907	0.894864	1.117489	1.8264%
1906	0.878813	1.137898	1.9357%
1905	0.862125	1.159924	2.0148%
1904	0.845098	1.183295	2.1335%
1903	0.827444	1.208541	1.8151%
1902	0.812693	1.230477	1.8943%
1901	0.797584	1.253787	3.0255%
1900	0.774161	1.291720	0.6278%
1899	0.769331	1.299830	1.7757%
1898	0.755909	1.322911	1.8078%
1897	0.742487	1.346826	1.8396%
1896	0.729075	1.371602	1.8755%
1895	0.715652	1.397327	1.9114%
1894	0.702230	1.424035	1.9486%
1893	0.688808	1.451784	1.9858%
1892	0.675395	1.480614	2.0276%

1891	0.661973	1.510635	2.6465%
1890	0.644906	1.550615	1.5328%
1889	0.635170	1.574383	2.0811%
1888	0.622220	1.607148	2.1599%
1887	0.609065	1.641860	2.2075%
1886	0.595911	1.678104	2.2592%
1885	0.582745	1.716015	2.3095%
1884	0.569590	1.755647	2.3641%
1883	0.556436	1.797153	2.4214%
1882	0.543281	1.840669	2.4815%
1881	0.530126	1.886345	3.7644%
1880	0.510894	1.957355	0.9432%
1879	0.506120	1.975817	2.1464%
1878	0.495485	2.018226	2.1913%
1877	0.484860	2.062451	2.2426%
1876	0.474225	2.108704	2.2941%
1875	0.463590	2.157079	2.3456%
1874	0.452965	2.207675	2.4043%
1873	0.442330	2.260754	2.4635%
1872	0.431695	2.316449	2.5258%
1871	0.421060	2.374957	5.9947%
1870	0.397247	2.517328	-1.0968%
1869	0.401652	2.489719	2.1930%
1868	0.393033	2.544317	2.2394%
1867	0.384424	2.601295	2.2935%
1866	0.375805	2.660956	2.3445%
1865	0.367196	2.723341	2.4037%
1864	0.358577	2.788802	2.4599%
1863	0.349968	2.857403	2.5250%
1862	0.341349	2.929553	2.5872%
1861	0.332740	3.005348	2.9504%
1860	0.323204	3.094018	2.4012%
1859	0.315625	3.168312	2.7627%
1858	0.307140	3.255844	2.8412%
1857	0.298655	3.348349	2.9243%
1856	0.290169	3.446264	3.0161%
1855	0.281674	3.550208	3.1061%
1854	0.273188	3.660480	3.2056%
1853	0.264703	3.777821	3.3118%
1852	0.256217	3.902934	3.4252%
1851	0.247732	4.036619	4.0106%
1850	0.238180	4.198512	2.3254%
1849	0.232767	4.296142	2.7841%
1848	0.226462	4.415751	2.8590%
1847	0.220167	4.541998	2.9432%
1846	0.213873	4.675676	3.0324%
1845	0.207578	4.817461	3.1325%
1844	0.201273	4.968368	3.2284%
1843	0.194979	5.128765	3.3361%
1842	0.188684	5.299864	3.4512%
1841	0.182389	5.482772	3.8105%
1840	0.175695	5.691693	2.3861%
1839	0.171600	5.827499	2.5824%

1838	0.167280	5.977988	2.6573%
1837	0.162950	6.136843	2.7232%
1836	0.158630	6.303962	2.7994%
1835	0.154311	6.480437	2.8871%
1834	0.149980	6.667535	2.9657%
1833	0.145661	6.865273	3.0563%
1832	0.141341	7.075098	3.1604%
1831	0.137011	7.298701	3.4660%
1830	0.132421	7.551672	2.4653%
1829	0.129235	7.737843	2.6804%
1828	0.125861	7.945248	10.3427%
1827	0.114064	8.766997	-4.2314%
1826	0.119104	8.396028	2.9150%
1825	0.115730	8.640775	3.0026%
1824	0.112357	8.900220	3.0955%
1823	0.108983	9.175727	3.1944%
1822	0.105610	9.468835	3.3102%
1821	0.102226	9.782272	3.2277%
1820	0.099029	10.098018	2.6573%
1819	0.096466	10.366350	2.6261%
1818	0.093997	10.638582	2.6969%
1817	0.091529	10.925497	2.7717%
1816	0.089061	11.228317	2.8507%
1815	0.086592	11.548402	2.9343%
1814	0.084124	11.887272	3.0231%
1813	0.081655	12.246631	3.1039%
1812	0.079197	12.626753	3.2172%
1811	0.076728	13.032976	3.0969%
1810	0.074424	13.436596	2.9144%
1809	0.072316	13.828189	2.8225%
1808	0.070331	14.218485	2.9199%
1807	0.068336	14.633654	2.9918%
1806	0.066351	15.071462	3.0841%
1805	0.064365	15.536274	3.1822%
1804	0.062380	16.030668	3.2868%
1803	0.060395	16.557561	3.3985%
1802	0.058410	17.120268	3.5180%
1801	0.056425	17.722567	3.3999%
1800	0.054570	18.325124	2.8419%
1799	0.053062	18.845900	2.7485%
1798	0.051643	19.363872	2.8261%
1797	0.050223	19.911120	3.7832%
1796	0.048392	20.664400	2.1272%
1795	0.047384	21.103972	3.0879%
1794	0.045965	21.755650	3.1625%
1793	0.044556	22.443675	3.2904%
1792	0.043137	23.182165	3.4024%
1791	0.041717	23.970907	3.2296%
1790	0.040412	24.745063	41.3145%
1780	0.028597	34.968350	29.4353%
1770	0.022094	45.261394	83.4728%
1750	0.012042	83.042364	29.2845%
1740	0.009314	107.360866	94.2514%

1720	0.004795	208.549979	85.8111%
1700	0.002581	387.508968	19.2490%
1690	0.002164	462.100760	88.0250%
1670	0.001151	868.865058	

BASE YEAR: 1912

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	3.161868	0.316269	8.2857%
2001	2.919932	0.342474	1.0000%
2000	2.891022	0.345898	1.0000%
1999	2.862398	0.349357	1.0000%
1998	2.834057	0.352851	1.0000%
1997	2.805997	0.356380	1.0000%
1996	2.778215	0.359943	1.0000%
1995	2.750708	0.363543	0.9992%
1994	2.723494	0.367175	1.0008%
1993	2.696508	0.370850	1.0000%
1992	2.669810	0.374558	0.9295%
1991	2.645223	0.378040	1.2505%
1990	2.612552	0.382767	0.7224%
1989	2.593813	0.385533	1.1077%
1988	2.565397	0.389803	0.8834%
1987	2.542934	0.393247	0.5594%
1986	2.528789	0.395446	1.3056%
1985	2.496198	0.400609	0.7673%
1984	2.477190	0.403683	0.8149%
1983	2.457166	0.406973	0.9737%
1982	2.433470	0.410936	0.9508%
1981	2.410550	0.414843	0.9031%
1980	2.388976	0.418589	2.2701%
1979	2.335949	0.428092	1.0042%
1978	2.312725	0.432390	0.9896%
1977	2.290062	0.436669	0.9103%
1976	2.269403	0.440645	0.8394%
1975	2.250511	0.444343	0.9042%
1974	2.230345	0.448361	1.1568%
1973	2.204840	0.453548	0.9427%
1972	2.184249	0.457823	0.7426%
1971	2.168147	0.461223	1.4697%
1970	2.136743	0.468002	0.6968%
1969	2.121957	0.471263	0.8565%
1968	2.103936	0.475300	1.5090%
1967	2.072658	0.482472	0.9949%
1966	2.052241	0.487272	1.0575%
1965	2.030766	0.492425	1.1300%
1964	2.008074	0.497990	1.5537%
1963	1.977353	0.505727	1.4658%
1962	1.948787	0.513140	1.5364%
1961	1.919299	0.521024	2.1586%
1960	1.878743	0.532271	-1.6655%
1959	1.910563	0.523406	4.3080%

1958	1.831656	0.545954	2.1130%
1957	1.793755	0.557490	1.9895%
1956	1.758764	0.568581	2.1231%
1955	1.722200	0.580653	1.4496%
1954	1.697592	0.589070	2.1573%
1953	1.661744	0.601778	1.2298%
1952	1.641556	0.609178	1.6814%
1951	1.614412	0.619421	1.6233%
1950	1.588624	0.629475	1.4265%
1949	1.566281	0.638455	1.7790%
1948	1.538903	0.649813	1.8242%
1947	1.511334	0.661667	-2.6320%
1946	1.552188	0.644252	3.1768%
1945	1.504396	0.664718	6.4754%
1944	1.412905	0.707762	-0.3437%
1943	1.417778	0.705329	0.6562%
1942	1.408534	0.709958	0.6633%
1941	1.399253	0.714667	-5.6614%
1940	1.483225	0.674207	8.0381%
1939	1.372872	0.728400	0.8126%
1938	1.361805	0.734319	0.7762%
1937	1.351316	0.740019	0.6029%
1936	1.343218	0.744481	0.5244%
1935	1.336211	0.748385	-3.0364%
1934	1.378054	0.725661	4.6271%
1933	1.317110	0.759238	1.3921%
1932	1.299026	0.769808	-0.2051%
1931	1.301695	0.768229	0.8886%
1930	1.290230	0.775056	1.0126%
1929	1.277296	0.782904	1.1526%
1928	1.262742	0.791927	1.2160%
1927	1.247572	0.801557	1.4086%
1926	1.230243	0.812848	1.7667%
1925	1.208885	0.827208	1.4465%
1924	1.191648	0.839174	1.7700%
1923	1.170923	0.854027	1.6165%
1922	1.152296	0.867832	1.3736%
1921	1.136682	0.879753	2.3393%
1920	1.110699	0.900334	1.3140%
1919	1.096294	0.912164	0.7676%
1918	1.087943	0.919166	0.3870%
1917	1.083749	0.922723	1.3274%
1916	1.069551	0.934972	1.4083%
1915	1.054698	0.948139	1.4458%
1914	1.039666	0.961847	1.9424%
1913	1.019857	0.980530	1.9857%
1912	1.000000	1.000000	1.5634%
1911	0.984607	1.015634	1.8169%
1910	0.967036	1.034087	1.8781%
1909	0.949210	1.053508	2.0082%
1908	0.930522	1.074665	1.9603%
1907	0.912633	1.095731	1.8264%
1906	0.896264	1.115743	1.9357%

1905	0.879244	1.137340	2.0148%
1904	0.861879	1.160256	2.1335%
1903	0.843875	1.185010	1.8151%
1902	0.828830	1.206520	1.8943%
1901	0.813421	1.229376	3.0255%
1900	0.789534	1.266570	0.6278%
1899	0.784608	1.274522	1.7757%
1898	0.770919	1.297154	1.8078%
1897	0.757230	1.320603	1.8396%
1896	0.743552	1.344897	1.8755%
1895	0.729863	1.370121	1.9114%
1894	0.716174	1.396309	1.9486%
1893	0.702485	1.423518	1.9858%
1892	0.688807	1.451786	2.0276%
1891	0.675118	1.481223	2.6465%
1890	0.657711	1.520424	1.5328%
1889	0.647782	1.543729	2.0811%
1888	0.634576	1.575856	2.1599%
1887	0.621160	1.609892	2.2075%
1886	0.607743	1.645431	2.2592%
1885	0.594317	1.682604	2.3095%
1884	0.580901	1.721465	2.3641%
1883	0.567485	1.762163	2.4214%
1882	0.554068	1.804831	2.4815%
1881	0.540652	1.849618	3.7644%
1880	0.521038	1.919245	0.9432%
1879	0.516170	1.937348	2.1464%
1878	0.505323	1.978931	2.1913%
1877	0.494488	2.022295	2.2426%
1876	0.483642	2.067647	2.2941%
1875	0.472795	2.115080	2.3456%
1874	0.461960	2.164691	2.4043%
1873	0.451113	2.216737	2.4635%
1872	0.440267	2.271348	2.5258%
1871	0.429421	2.328717	5.9947%
1870	0.405135	2.468316	-1.0968%
1869	0.409627	2.441244	2.1930%
1868	0.400837	2.494779	2.2394%
1867	0.392057	2.550647	2.2935%
1866	0.383267	2.609147	2.3445%
1865	0.374487	2.670317	2.4037%
1864	0.365697	2.734504	2.4599%
1863	0.356917	2.801769	2.5250%
1862	0.348127	2.872514	2.5872%
1861	0.339347	2.946833	2.9504%
1860	0.329622	3.033777	2.4012%
1859	0.321893	3.106625	2.7627%
1858	0.313239	3.192452	2.8412%
1857	0.304585	3.283156	2.9243%
1856	0.295931	3.379165	3.0161%
1855	0.287267	3.481085	3.1061%
1854	0.278613	3.589210	3.2056%
1853	0.269959	3.704266	3.3118%

1852	0.261305	3.826944	3.4252%
1851	0.252651	3.958025	4.0106%
1850	0.242909	4.116766	2.3254%
1849	0.237389	4.212496	2.7841%
1848	0.230959	4.329776	2.8590%
1847	0.224539	4.453564	2.9432%
1846	0.218120	4.584640	3.0324%
1845	0.211700	4.723665	3.1325%
1844	0.205270	4.871634	3.2284%
1843	0.198850	5.028908	3.3361%
1842	0.192431	5.196675	3.4512%
1841	0.186011	5.376022	3.8105%
1840	0.179183	5.580875	2.3861%
1839	0.175008	5.714037	2.5824%
1838	0.170602	5.861596	2.6573%
1837	0.166186	6.017358	2.7232%
1836	0.161780	6.181223	2.7994%
1835	0.157375	6.354262	2.8871%
1834	0.152959	6.537718	2.9657%
1833	0.148553	6.731606	3.0563%
1832	0.144147	6.937345	3.1604%
1831	0.139731	7.156595	3.4660%
1830	0.135050	7.404640	2.4653%
1829	0.131801	7.587187	2.6804%
1828	0.128361	7.790553	10.3427%
1827	0.116329	8.596303	-4.2314%
1826	0.121469	8.232556	2.9150%
1825	0.118028	8.472538	3.0026%
1824	0.114588	8.726932	3.0955%
1823	0.111147	8.997074	3.1944%
1822	0.107707	9.284476	3.3102%
1821	0.104256	9.591810	3.2277%
1820	0.100996	9.901409	2.6573%
1819	0.098381	10.164516	2.6261%
1818	0.095864	10.431448	2.6969%
1817	0.093346	10.712777	2.7717%
1816	0.090829	11.009701	2.8507%
1815	0.088311	11.323554	2.9343%
1814	0.085794	11.655826	3.0231%
1813	0.083277	12.008187	3.1039%
1812	0.080770	12.380909	3.2172%
1811	0.078252	12.779223	3.0969%
1810	0.075901	13.174984	2.9144%
1809	0.073752	13.558953	2.8225%
1808	0.071728	13.941650	2.9199%
1807	0.069693	14.348736	2.9918%
1806	0.067668	14.778019	3.0841%
1805	0.065644	15.233781	3.1822%
1804	0.063619	15.718549	3.2868%
1803	0.061595	16.235184	3.3985%
1802	0.059570	16.786934	3.5180%
1801	0.057546	17.377506	3.3999%
1800	0.055653	17.968332	2.8419%

1799	0.054116	18.478969	2.7485%
1798	0.052668	18.986855	2.8261%
1797	0.051220	19.523449	3.7832%
1796	0.049353	20.262062	2.1272%
1795	0.048325	20.693076	3.0879%
1794	0.046878	21.332065	3.1625%
1793	0.045441	22.006694	3.2904%
1792	0.043993	22.730806	3.4024%
1791	0.042546	23.504191	3.2296%
1790	0.041215	24.263274	41.3145%
1780	0.029165	34.287513	29.4353%
1770	0.022533	44.380150	83.4728%
1750	0.012281	81.425521	29.2845%
1740	0.009499	105.270539	94.2514%
1720	0.004890	204.489489	85.8111%
1700	0.002632	379.964129	19.2490%
1690	0.002207	453.103612	88.0250%
1670	0.001174	851.948168	

BASE YEAR: 1911

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.211301	0.311400	8.2857%
2001	2.965583	0.337202	1.0000%
2000	2.936220	0.340574	1.0000%
1999	2.907149	0.343980	1.0000%
1998	2.878365	0.347419	1.0000%
1997	2.849866	0.350894	1.0000%
1996	2.821650	0.354403	1.0000%
1995	2.793713	0.357947	0.9992%
1994	2.766073	0.361523	1.0008%
1993	2.738666	0.365141	1.0000%
1992	2.711550	0.368793	0.9295%
1991	2.686578	0.372221	1.2505%
1990	2.653397	0.376875	0.7224%
1989	2.634365	0.379598	1.1077%
1988	2.605505	0.383803	0.8834%
1987	2.582690	0.387193	0.5594%
1986	2.568324	0.389359	1.3056%
1985	2.535223	0.394443	0.7673%
1984	2.515919	0.397469	0.8149%
1983	2.495581	0.400708	0.9737%
1982	2.471515	0.404610	0.9508%
1981	2.448237	0.408457	0.9031%
1980	2.426326	0.412146	2.2701%
1979	2.372469	0.421502	1.0042%
1978	2.348882	0.425734	0.9896%
1977	2.325865	0.429948	0.9103%
1976	2.304883	0.433861	0.8394%
1975	2.285696	0.437503	0.9042%
1974	2.265215	0.441459	1.1568%
1973	2.239311	0.446566	0.9427%

1972	2.218398	0.450776	0.7426%
1971	2.202044	0.454123	1.4697%
1970	2.170149	0.460798	0.6968%
1969	2.155132	0.464009	0.8565%
1968	2.136829	0.467983	1.5090%
1967	2.105063	0.475045	0.9949%
1966	2.084325	0.479772	1.0575%
1965	2.062515	0.484845	1.1300%
1964	2.039469	0.490324	1.5537%
1963	2.008267	0.497942	1.4658%
1962	1.979255	0.505241	1.5364%
1961	1.949305	0.513003	2.1586%
1960	1.908116	0.524077	-1.6655%
1959	1.940433	0.515349	4.3080%
1958	1.860292	0.537550	2.1130%
1957	1.821798	0.548908	1.9895%
1956	1.786261	0.559829	2.1231%
1955	1.749125	0.571714	1.4496%
1954	1.724132	0.580002	2.1573%
1953	1.687723	0.592514	1.2298%
1952	1.667221	0.599801	1.6814%
1951	1.639652	0.609886	1.6233%
1950	1.613461	0.619786	1.4265%
1949	1.590768	0.628627	1.7790%
1948	1.562962	0.639811	1.8242%
1947	1.534962	0.651482	-2.6320%
1946	1.576455	0.634335	3.1768%
1945	1.527916	0.654486	6.4754%
1944	1.434994	0.696867	-0.3437%
1943	1.439943	0.694472	0.6562%
1942	1.430556	0.699029	0.6633%
1941	1.421129	0.703666	-5.6614%
1940	1.506414	0.663828	8.0381%
1939	1.394336	0.717187	0.8126%
1938	1.383096	0.723016	0.7762%
1937	1.372442	0.728628	0.6029%
1936	1.364218	0.733021	0.5244%
1935	1.357101	0.736865	-3.0364%
1934	1.399598	0.714491	4.6271%
1933	1.337701	0.747551	1.3921%
1932	1.319335	0.757958	-0.2051%
1931	1.322046	0.756403	0.8886%
1930	1.310402	0.763125	1.0126%
1929	1.297266	0.770852	1.1526%
1928	1.282484	0.779737	1.2160%
1927	1.267076	0.789218	1.4086%
1926	1.249476	0.800335	1.7667%
1925	1.227785	0.814475	1.4465%
1924	1.210279	0.826256	1.7700%
1923	1.189230	0.840881	1.6165%
1922	1.170311	0.854474	1.3736%
1921	1.154453	0.866211	2.3393%
1920	1.128064	0.886474	1.3140%

1919	1.113434	0.898123	0.7676%
1918	1.104951	0.905017	0.3870%
1917	1.100692	0.908519	1.3274%
1916	1.086272	0.920579	1.4083%
1915	1.071187	0.933544	1.4458%
1914	1.055920	0.947041	1.9424%
1913	1.035801	0.965436	1.9857%
1912	1.015634	0.984607	1.5634%
1911	1.000000	1.000000	1.8169%
1910	0.982155	1.018169	1.8781%
1909	0.964050	1.037291	2.0082%
1908	0.945070	1.058122	1.9603%
1907	0.926901	1.078864	1.8264%
1906	0.910276	1.098568	1.9357%
1905	0.892991	1.119833	2.0148%
1904	0.875354	1.142396	2.1335%
1903	0.857068	1.166769	1.8151%
1902	0.841788	1.187947	1.8943%
1901	0.826138	1.210451	3.0255%
1900	0.801877	1.247074	0.6278%
1899	0.796874	1.254903	1.7757%
1898	0.782971	1.277186	1.8078%
1897	0.769069	1.300274	1.8396%
1896	0.755176	1.324194	1.8755%
1895	0.741273	1.349030	1.9114%
1894	0.727371	1.374815	1.9486%
1893	0.713468	1.401605	1.9858%
1892	0.699575	1.429438	2.0276%
1891	0.685673	1.458422	2.6465%
1890	0.667994	1.497019	1.5328%
1889	0.657909	1.519966	2.0811%
1888	0.644497	1.551598	2.1599%
1887	0.630871	1.585111	2.2075%
1886	0.617245	1.620103	2.2592%
1885	0.603608	1.656703	2.3095%
1884	0.589982	1.694966	2.3641%
1883	0.576357	1.735037	2.4214%
1882	0.562731	1.777049	2.4815%
1881	0.549105	1.821146	3.7644%
1880	0.529184	1.889701	0.9432%
1879	0.524239	1.907525	2.1464%
1878	0.513224	1.948468	2.1913%
1877	0.502219	1.991165	2.2426%
1876	0.491203	2.035819	2.2941%
1875	0.480187	2.082522	2.3456%
1874	0.469182	2.131369	2.4043%
1873	0.458166	2.182614	2.4635%
1872	0.447150	2.236384	2.5258%
1871	0.436135	2.292870	5.9947%
1870	0.411468	2.430320	-1.0968%
1869	0.416031	2.403664	2.1930%
1868	0.407104	2.456376	2.2394%
1867	0.398187	2.511384	2.2935%

1866	0.389259	2.568983	2.3445%
1865	0.380342	2.629212	2.4037%
1864	0.371414	2.692410	2.4599%
1863	0.362497	2.758640	2.5250%
1862	0.353570	2.828296	2.5872%
1861	0.344653	2.901471	2.9504%
1860	0.334775	2.987077	2.4012%
1859	0.326925	3.058803	2.7627%
1858	0.318136	3.143309	2.8412%
1857	0.309347	3.232617	2.9243%
1856	0.300558	3.327148	3.0161%
1855	0.291758	3.427499	3.1061%
1854	0.282969	3.533960	3.2056%
1853	0.274180	3.647245	3.3118%
1852	0.265390	3.768034	3.4252%
1851	0.256601	3.897098	4.0106%
1850	0.246707	4.053395	2.3254%
1849	0.241100	4.147651	2.7841%
1848	0.234570	4.263126	2.8590%
1847	0.228050	4.385009	2.9432%
1846	0.221530	4.514067	3.0324%
1845	0.215010	4.650951	3.1325%
1844	0.208479	4.796643	3.2284%
1843	0.201959	4.951495	3.3361%
1842	0.195439	5.116680	3.4512%
1841	0.188919	5.293267	3.8105%
1840	0.181985	5.494966	2.3861%
1839	0.177744	5.626079	2.5824%
1838	0.173269	5.771366	2.6573%
1837	0.168784	5.924730	2.7232%
1836	0.164310	6.086073	2.7994%
1835	0.159835	6.256449	2.8871%
1834	0.155350	6.437080	2.9657%
1833	0.150875	6.627983	3.0563%
1832	0.146401	6.830556	3.1604%
1831	0.141916	7.046430	3.4660%
1830	0.137162	7.290657	2.4653%
1829	0.133862	7.470394	2.6804%
1828	0.130367	7.670630	10.3427%
1827	0.118148	8.463977	-4.2314%
1826	0.123368	8.105829	2.9150%
1825	0.119874	8.342117	3.0026%
1824	0.116379	8.592594	3.0955%
1823	0.112885	8.858579	3.1944%
1822	0.109391	9.141556	3.3102%
1821	0.105886	9.444159	3.2277%
1820	0.102575	9.748992	2.6573%
1819	0.099920	10.008050	2.6261%
1818	0.097363	10.270872	2.6969%
1817	0.094806	10.547871	2.7717%
1816	0.092249	10.840224	2.8507%
1815	0.089692	11.149246	2.9343%
1814	0.087135	11.476403	3.0231%

1813	0.084578	11.823340	3.1039%
1812	0.082032	12.190325	3.2172%
1811	0.079475	12.582507	3.0969%
1810	0.077088	12.972176	2.9144%
1809	0.074905	13.350235	2.8225%
1808	0.072849	13.727040	2.9199%
1807	0.070782	14.127860	2.9918%
1806	0.068726	14.550535	3.0841%
1805	0.066670	14.999281	3.1822%
1804	0.064614	15.476587	3.2868%
1803	0.062558	15.985269	3.3985%
1802	0.060501	16.528526	3.5180%
1801	0.058445	17.110007	3.3999%
1800	0.056524	17.691738	2.8419%
1799	0.054962	18.194514	2.7485%
1798	0.053491	18.694583	2.8261%
1797	0.052021	19.222916	3.7832%
1796	0.050125	19.950159	2.1272%
1795	0.049081	20.374539	3.0879%
1794	0.047611	21.003692	3.1625%
1793	0.046151	21.667936	3.2904%
1792	0.044681	22.380901	3.4024%
1791	0.043211	23.142382	3.2296%
1790	0.041859	23.889780	41.3145%
1780	0.029621	33.759711	29.4353%
1770	0.022885	43.696988	83.4728%
1750	0.012473	80.172105	29.2845%
1740	0.009648	103.650066	94.2514%
1720	0.004967	201.341699	85.8111%
1700	0.002673	374.115185	19.2490%
1690	0.002242	446.128802	88.0250%
1670	0.001192	838.833780	

BASE YEAR: 1910

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.269647	0.305843	8.2857%
2001	3.019465	0.331185	1.0000%
2000	2.989569	0.334496	1.0000%
1999	2.959969	0.337841	1.0000%
1998	2.930662	0.341220	1.0000%
1997	2.901646	0.344632	1.0000%
1996	2.872917	0.348078	1.0000%
1995	2.844472	0.351559	0.9992%
1994	2.816331	0.355072	1.0008%
1993	2.788425	0.358625	1.0000%
1992	2.760817	0.362212	0.9295%
1991	2.735391	0.365578	1.2505%
1990	2.701607	0.370150	0.7224%
1989	2.682229	0.372824	1.1077%
1988	2.652845	0.376954	0.8834%
1987	2.629615	0.380284	0.5594%

1986	2.614988	0.382411	1.3056%
1985	2.581286	0.387404	0.7673%
1984	2.561631	0.390376	0.8149%
1983	2.540924	0.393558	0.9737%
1982	2.516420	0.397390	0.9508%
1981	2.492720	0.401168	0.9031%
1980	2.470410	0.404791	2.2701%
1979	2.415575	0.413980	1.0042%
1978	2.391559	0.418137	0.9896%
1977	2.368124	0.422275	0.9103%
1976	2.346761	0.426119	0.8394%
1975	2.327225	0.429696	0.9042%
1974	2.306372	0.433581	1.1568%
1973	2.279997	0.438597	0.9427%
1972	2.258704	0.442732	0.7426%
1971	2.242054	0.446020	1.4697%
1970	2.209579	0.452575	0.6968%
1969	2.194288	0.455729	0.8565%
1968	2.175653	0.459632	1.5090%
1967	2.143310	0.466568	0.9949%
1966	2.122196	0.471210	1.0575%
1965	2.099989	0.476193	1.1300%
1964	2.076524	0.481574	1.5537%
1963	2.044756	0.489056	1.4658%
1962	2.015216	0.496225	1.5364%
1961	1.984722	0.503849	2.1586%
1960	1.942785	0.514725	-1.6655%
1959	1.975689	0.506152	4.3080%
1958	1.894092	0.527957	2.1130%
1957	1.854899	0.539113	1.9895%
1956	1.818716	0.549839	2.1231%
1955	1.780905	0.561512	1.4496%
1954	1.755458	0.569652	2.1573%
1953	1.718388	0.581941	1.2298%
1952	1.697513	0.589097	1.6814%
1951	1.669443	0.599002	1.6233%
1950	1.642776	0.608726	1.4265%
1949	1.619671	0.617409	1.7790%
1948	1.591360	0.628393	1.8242%
1947	1.562851	0.639856	-2.6320%
1946	1.605098	0.623015	3.1768%
1945	1.555677	0.642807	6.4754%
1944	1.461067	0.684431	-0.3437%
1943	1.466106	0.682079	0.6562%
1942	1.456548	0.686555	0.6633%
1941	1.446950	0.691109	-5.6614%
1940	1.533784	0.651982	8.0381%
1939	1.419669	0.704389	0.8126%
1938	1.408226	0.710113	0.7762%
1937	1.397379	0.715626	0.6029%
1936	1.389005	0.719940	0.5244%
1935	1.381759	0.723715	-3.0364%
1934	1.425028	0.701741	4.6271%

1933	1.362006	0.734211	1.3921%
1932	1.343306	0.744432	-0.2051%
1931	1.346066	0.742905	0.8886%
1930	1.334211	0.749507	1.0126%
1929	1.320836	0.757096	1.1526%
1928	1.305786	0.765822	1.2160%
1927	1.290098	0.775135	1.4086%
1926	1.272178	0.786053	1.7667%
1925	1.250093	0.799940	1.4465%
1924	1.232268	0.811512	1.7700%
1923	1.210837	0.825875	1.6165%
1922	1.191575	0.839226	1.3736%
1921	1.175429	0.850754	2.3393%
1920	1.148560	0.870655	1.3140%
1919	1.133664	0.882096	0.7676%
1918	1.125028	0.888867	0.3870%
1917	1.120691	0.892307	1.3274%
1916	1.106009	0.904152	1.4083%
1915	1.090650	0.916885	1.4458%
1914	1.075106	0.930141	1.9424%
1913	1.054621	0.948208	1.9857%
1912	1.034087	0.967036	1.5634%
1911	1.018169	0.982155	1.8169%
1910	1.000000	1.000000	1.8781%
1909	0.981566	1.018781	2.0082%
1908	0.962241	1.039240	1.9603%
1907	0.943742	1.059612	1.8264%
1906	0.926815	1.078964	1.9357%
1905	0.909215	1.099849	2.0148%
1904	0.891258	1.122010	2.1335%
1903	0.872640	1.145948	1.8151%
1902	0.857083	1.166749	1.8943%
1901	0.841148	1.188851	3.0255%
1900	0.816447	1.224820	0.6278%
1899	0.811353	1.232509	1.7757%
1898	0.797197	1.254395	1.8078%
1897	0.783042	1.277071	1.8396%
1896	0.768897	1.300564	1.8755%
1895	0.754742	1.324957	1.9114%
1894	0.740586	1.350282	1.9486%
1893	0.726431	1.376594	1.9858%
1892	0.712286	1.403930	2.0276%
1891	0.698131	1.432397	2.6465%
1890	0.680131	1.470305	1.5328%
1889	0.669863	1.492842	2.0811%
1888	0.656207	1.523910	2.1599%
1887	0.642333	1.556824	2.2075%
1886	0.628460	1.591192	2.2592%
1885	0.614575	1.627140	2.3095%
1884	0.600702	1.664719	2.3641%
1883	0.586829	1.704075	2.4214%
1882	0.572955	1.745338	2.4815%
1881	0.559082	1.788648	3.7644%

1880	0.538799	1.855979	0.9432%
1879	0.533764	1.873486	2.1464%
1878	0.522549	1.913698	2.1913%
1877	0.511343	1.955633	2.2426%
1876	0.500128	1.999490	2.2941%
1875	0.488912	2.045359	2.3456%
1874	0.477707	2.093335	2.4043%
1873	0.466491	2.143665	2.4635%
1872	0.455275	2.196476	2.5258%
1871	0.444059	2.251954	5.9947%
1870	0.418945	2.386951	-1.0968%
1869	0.423590	2.360771	2.1930%
1868	0.414501	2.412542	2.2394%
1867	0.405421	2.466569	2.2935%
1866	0.396332	2.523140	2.3445%
1865	0.387253	2.582294	2.4037%
1864	0.378163	2.644364	2.4599%
1863	0.369084	2.709413	2.5250%
1862	0.359994	2.777826	2.5872%
1861	0.350915	2.849695	2.9504%
1860	0.340858	2.933772	2.4012%
1859	0.332865	3.004219	2.7627%
1858	0.323916	3.087217	2.8412%
1857	0.314967	3.174931	2.9243%
1856	0.306019	3.267775	3.0161%
1855	0.297059	3.366336	3.1061%
1854	0.288110	3.470896	3.2056%
1853	0.279161	3.582160	3.3118%
1852	0.270212	3.700794	3.4252%
1851	0.261263	3.827554	4.0106%
1850	0.251189	3.981063	2.3254%
1849	0.245481	4.073637	2.7841%
1848	0.238832	4.187050	2.8590%
1847	0.232193	4.306759	2.9432%
1846	0.225555	4.433513	3.0324%
1845	0.218916	4.567955	3.1325%
1844	0.212267	4.711047	3.2284%
1843	0.205629	4.863136	3.3361%
1842	0.198990	5.025373	3.4512%
1841	0.192352	5.198809	3.8105%
1840	0.185291	5.396909	2.3861%
1839	0.180973	5.525682	2.5824%
1838	0.176417	5.668377	2.6573%
1837	0.171851	5.819004	2.7232%
1836	0.167295	5.977467	2.7994%
1835	0.162739	6.144803	2.8871%
1834	0.158173	6.322211	2.9657%
1833	0.153617	6.509707	3.0563%
1832	0.149061	6.708665	3.1604%
1831	0.144494	6.920687	3.4660%
1830	0.139654	7.160556	2.4653%
1829	0.136294	7.337085	2.6804%
1828	0.132736	7.533748	10.3427%

1827	0.120294	8.312937	-4.2314%
1826	0.125610	7.961181	2.9150%
1825	0.122052	8.193252	3.0026%
1824	0.118494	8.439260	3.0955%
1823	0.114936	8.700498	3.1944%
1822	0.111378	8.978426	3.3102%
1821	0.107809	9.275629	3.2277%
1820	0.104438	9.575022	2.6573%
1819	0.101735	9.829457	2.6261%
1818	0.099132	10.087589	2.6969%
1817	0.096528	10.359644	2.7717%
1816	0.093925	10.646781	2.8507%
1815	0.091322	10.950288	2.9343%
1814	0.088718	11.271607	3.0231%
1813	0.086115	11.612354	3.1039%
1812	0.083523	11.972789	3.2172%
1811	0.080919	12.357973	3.0969%
1810	0.078489	12.740689	2.9144%
1809	0.076266	13.112001	2.8225%
1808	0.074173	13.482082	2.9199%
1807	0.072068	13.875749	2.9918%
1806	0.069975	14.290881	3.0841%
1805	0.067881	14.731620	3.1822%
1804	0.065788	15.200408	3.2868%
1803	0.063694	15.700013	3.3985%
1802	0.061601	16.233576	3.5180%
1801	0.059507	16.804680	3.3999%
1800	0.057551	17.376031	2.8419%
1799	0.055960	17.869834	2.7485%
1798	0.054463	18.360979	2.8261%
1797	0.052966	18.879884	3.7832%
1796	0.051036	19.594150	2.1272%
1795	0.049973	20.010956	3.0879%
1794	0.048476	20.628883	3.1625%
1793	0.046990	21.281273	3.2904%
1792	0.045493	21.981515	3.4024%
1791	0.043996	22.729407	3.2296%
1790	0.042619	23.463468	41.3145%
1780	0.030159	33.157271	29.4353%
1770	0.023301	42.917218	83.4728%
1750	0.012700	78.741438	29.2845%
1740	0.009823	101.800437	94.2514%
1720	0.005057	197.748769	85.8111%
1700	0.002722	367.439123	19.2490%
1690	0.002282	438.167662	88.0250%
1670	0.001214	823.864844	

BASE YEAR: 1909

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.331053	0.300205	8.2857%
2001	3.076172	0.325079	1.0000%

2000	3.045715	0.328330	1.0000%
1999	3.015559	0.331613	1.0000%
1998	2.985702	0.334930	1.0000%
1997	2.956141	0.338279	1.0000%
1996	2.926872	0.341662	1.0000%
1995	2.897893	0.345078	0.9992%
1994	2.869223	0.348526	1.0008%
1993	2.840793	0.352014	1.0000%
1992	2.812666	0.355535	0.9295%
1991	2.786763	0.358839	1.2505%
1990	2.752345	0.363327	0.7224%
1989	2.732603	0.365951	1.1077%
1988	2.702667	0.370005	0.8834%
1987	2.679001	0.373273	0.5594%
1986	2.664099	0.375361	1.3056%
1985	2.629764	0.380262	0.7673%
1984	2.609740	0.383180	0.8149%
1983	2.588644	0.386303	0.9737%
1982	2.563680	0.390064	0.9508%
1981	2.539534	0.393773	0.9031%
1980	2.516806	0.397329	2.2701%
1979	2.460941	0.406349	1.0042%
1978	2.436474	0.410429	0.9896%
1977	2.412599	0.414491	0.9103%
1976	2.390834	0.418264	0.8394%
1975	2.370932	0.421775	0.9042%
1974	2.349687	0.425589	1.1568%
1973	2.322817	0.430512	0.9427%
1972	2.301124	0.434570	0.7426%
1971	2.284161	0.437798	1.4697%
1970	2.251076	0.444232	0.6968%
1969	2.235499	0.447328	0.8565%
1968	2.216513	0.451159	1.5090%
1967	2.183562	0.457967	0.9949%
1966	2.162052	0.462524	1.0575%
1965	2.139428	0.467415	1.1300%
1964	2.115523	0.472696	1.5537%
1963	2.083157	0.480041	1.4658%
1962	2.053063	0.487077	1.5364%
1961	2.021997	0.494561	2.1586%
1960	1.979271	0.505236	-1.6655%
1959	2.012794	0.496822	4.3080%
1958	1.929664	0.518225	2.1130%
1957	1.889735	0.529175	1.9895%
1956	1.852872	0.539703	2.1231%
1955	1.814352	0.551161	1.4496%
1954	1.788426	0.559151	2.1573%
1953	1.750660	0.571213	1.2298%
1952	1.729393	0.578238	1.6814%
1951	1.700796	0.587960	1.6233%
1950	1.673629	0.597504	1.4265%
1949	1.650090	0.606028	1.7790%
1948	1.621247	0.616809	1.8242%

1947	1.592203	0.628061	-2.6320%
1946	1.635243	0.611530	3.1768%
1945	1.584894	0.630957	6.4754%
1944	1.488507	0.671814	-0.3437%
1943	1.493640	0.669505	0.6562%
1942	1.483902	0.673899	0.6633%
1941	1.474124	0.678369	-5.6614%
1940	1.562589	0.639963	8.0381%
1939	1.446332	0.691404	0.8126%
1938	1.434673	0.697023	0.7762%
1937	1.423622	0.702434	0.6029%
1936	1.415091	0.706668	0.5244%
1935	1.407709	0.710374	-3.0364%
1934	1.451791	0.688804	4.6271%
1933	1.387586	0.720676	1.3921%
1932	1.368534	0.730709	-0.2051%
1931	1.371346	0.729210	0.8886%
1930	1.359268	0.735690	1.0126%
1929	1.345642	0.743140	1.1526%
1928	1.330309	0.751705	1.2160%
1927	1.314327	0.760846	1.4086%
1926	1.296071	0.771563	1.7667%
1925	1.273571	0.785194	1.4465%
1924	1.255411	0.796552	1.7700%
1923	1.233577	0.810651	1.6165%
1922	1.213953	0.823755	1.3736%
1921	1.197504	0.835070	2.3393%
1920	1.170131	0.854605	1.3140%
1919	1.154955	0.865835	0.7676%
1918	1.146156	0.872481	0.3870%
1917	1.141738	0.875858	1.3274%
1916	1.126781	0.887484	1.4083%
1915	1.111133	0.899983	1.4458%
1914	1.095297	0.912995	1.9424%
1913	1.074427	0.930728	1.9857%
1912	1.053508	0.949210	1.5634%
1911	1.037291	0.964050	1.8169%
1910	1.018781	0.981566	1.8781%
1909	1.000000	1.000000	2.0082%
1908	0.980313	1.020082	1.9603%
1907	0.961466	1.040079	1.8264%
1906	0.944221	1.059074	1.9357%
1905	0.926291	1.079574	2.0148%
1904	0.907996	1.101326	2.1335%
1903	0.889029	1.124823	1.8151%
1902	0.873179	1.145240	1.8943%
1901	0.856946	1.166935	3.0255%
1900	0.831780	1.202241	0.6278%
1899	0.826590	1.209789	1.7757%
1898	0.812169	1.231271	1.8078%
1897	0.797748	1.253529	1.8396%
1896	0.783338	1.276589	1.8755%
1895	0.768916	1.300532	1.9114%

1894	0.754495	1.325390	1.9486%
1893	0.740074	1.351217	1.9858%
1892	0.725663	1.378050	2.0276%
1891	0.711242	1.405991	2.6465%
1890	0.692904	1.443201	1.5328%
1889	0.682444	1.465323	2.0811%
1888	0.668531	1.495818	2.1599%
1887	0.654397	1.528125	2.2075%
1886	0.640263	1.561859	2.2592%
1885	0.626118	1.597144	2.3095%
1884	0.611984	1.634031	2.3641%
1883	0.597850	1.672662	2.4214%
1882	0.583716	1.713163	2.4815%
1881	0.569582	1.755675	3.7644%
1880	0.548918	1.821766	0.9432%
1879	0.543789	1.838949	2.1464%
1878	0.532362	1.878420	2.1913%
1877	0.520947	1.919582	2.2426%
1876	0.509520	1.962630	2.2941%
1875	0.498094	2.007654	2.3456%
1874	0.486678	2.054746	2.4043%
1873	0.475252	2.104148	2.4635%
1872	0.463825	2.155985	2.5258%
1871	0.452399	2.210440	5.9947%
1870	0.426813	2.342949	-1.0968%
1869	0.431546	2.317252	2.1930%
1868	0.422285	2.368068	2.2394%
1867	0.413036	2.421099	2.2935%
1866	0.403775	2.476627	2.3445%
1865	0.394525	2.534691	2.4037%
1864	0.385265	2.595617	2.4599%
1863	0.376015	2.659466	2.5250%
1862	0.366755	2.726618	2.5872%
1861	0.357505	2.797162	2.9504%
1860	0.347260	2.879690	2.4012%
1859	0.339117	2.948838	2.7627%
1858	0.330000	3.030306	2.8412%
1857	0.320883	3.116403	2.9243%
1856	0.311766	3.207536	3.0161%
1855	0.302638	3.304280	3.1061%
1854	0.293521	3.406912	3.2056%
1853	0.284404	3.516125	3.3118%
1852	0.275287	3.632572	3.4252%
1851	0.266170	3.756996	4.0106%
1850	0.255907	3.907674	2.3254%
1849	0.250091	3.998542	2.7841%
1848	0.243317	4.109865	2.8590%
1847	0.236554	4.227366	2.9432%
1846	0.229791	4.351784	3.0324%
1845	0.223028	4.483748	3.1325%
1844	0.216254	4.624202	3.2284%
1843	0.209490	4.773487	3.3361%
1842	0.202727	4.932734	3.4512%

1841	0.195964	5.102972	3.8105%
1840	0.188771	5.297420	2.3861%
1839	0.184372	5.423819	2.5824%
1838	0.179731	5.563883	2.6573%
1837	0.175078	5.711734	2.7232%
1836	0.170437	5.867276	2.7994%
1835	0.165795	6.031527	2.8871%
1834	0.161143	6.205665	2.9657%
1833	0.156502	6.389705	3.0563%
1832	0.151860	6.584995	3.1604%
1831	0.147208	6.793109	3.4660%
1830	0.142277	7.028555	2.4653%
1829	0.138854	7.201830	2.6804%
1828	0.135229	7.394868	10.3427%
1827	0.122554	8.159693	-4.2314%
1826	0.127969	7.814421	2.9150%
1825	0.124344	8.042215	3.0026%
1824	0.120719	8.283687	3.0955%
1823	0.117095	8.540109	3.1944%
1822	0.113470	8.812914	3.3102%
1821	0.109834	9.104638	3.2277%
1820	0.106400	9.398512	2.6573%
1819	0.103646	9.648257	2.6261%
1818	0.100993	9.901630	2.6969%
1817	0.098341	10.168671	2.7717%
1816	0.095689	10.450514	2.8507%
1815	0.093037	10.748426	2.9343%
1814	0.090385	11.063822	3.0231%
1813	0.087732	11.398287	3.1039%
1812	0.085091	11.752078	3.2172%
1811	0.082439	12.130161	3.0969%
1810	0.079963	12.505822	2.9144%
1809	0.077698	12.870289	2.8225%
1808	0.075566	13.233548	2.9199%
1807	0.073422	13.619958	2.9918%
1806	0.071289	14.027438	3.0841%
1805	0.069156	14.460051	3.1822%
1804	0.067023	14.920198	3.2868%
1803	0.064890	15.410593	3.3985%
1802	0.062758	15.934319	3.5180%
1801	0.060625	16.494896	3.3999%
1800	0.058631	17.055714	2.8419%
1799	0.057011	17.540415	2.7485%
1798	0.055486	18.022505	2.8261%
1797	0.053961	18.531845	3.7832%
1796	0.051994	19.232944	2.1272%
1795	0.050911	19.642066	3.0879%
1794	0.049386	20.248601	3.1625%
1793	0.047872	20.888966	3.2904%
1792	0.046347	21.576299	3.4024%
1791	0.044822	22.310404	3.2296%
1790	0.043420	23.030933	41.3145%
1780	0.030726	32.546037	29.4353%

1770	0.023738	42.126065	83.4728%
1750	0.012938	77.289887	29.2845%
1740	0.010008	99.923807	94.2514%
1720	0.005152	194.103389	85.8111%
1700	0.002773	360.665604	19.2490%
1690	0.002325	430.090304	88.0250%
1670	0.001237	808.677391	

BASE YEAR: 1908

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	3.397949	0.294295	8.2857%
2001	3.137949	0.318679	1.0000%
2000	3.106880	0.321866	1.0000%
1999	3.076119	0.325085	1.0000%
1998	3.045662	0.328336	1.0000%
1997	3.015507	0.331619	1.0000%
1996	2.985651	0.334935	1.0000%
1995	2.956090	0.338285	0.9992%
1994	2.926844	0.341665	1.0008%
1993	2.897843	0.345084	1.0000%
1992	2.869152	0.348535	0.9295%
1991	2.842728	0.351775	1.2505%
1990	2.807619	0.356174	0.7224%
1989	2.787480	0.358747	1.1077%
1988	2.756943	0.362721	0.8834%
1987	2.732802	0.365925	0.5594%
1986	2.717601	0.367972	1.3056%
1985	2.682576	0.372776	0.7673%
1984	2.662150	0.375636	0.8149%
1983	2.640630	0.378697	0.9737%
1982	2.615165	0.382385	0.9508%
1981	2.590534	0.386021	0.9031%
1980	2.567349	0.389507	2.2701%
1979	2.510362	0.398349	1.0042%
1978	2.485405	0.402349	0.9896%
1977	2.461050	0.406331	0.9103%
1976	2.438848	0.410030	0.8394%
1975	2.418546	0.413472	0.9042%
1974	2.396874	0.417210	1.1568%
1973	2.369464	0.422036	0.9427%
1972	2.347336	0.426015	0.7426%
1971	2.330032	0.429179	1.4697%
1970	2.296283	0.435486	0.6968%
1969	2.280393	0.438521	0.8565%
1968	2.261026	0.442277	1.5090%
1967	2.227414	0.448951	0.9949%
1966	2.205471	0.453418	1.0575%
1965	2.182393	0.458213	1.1300%
1964	2.158007	0.463390	1.5537%
1963	2.124992	0.470590	1.4658%
1962	2.094294	0.477488	1.5364%

1961	2.062603	0.484824	2.1586%
1960	2.019020	0.495290	-1.6655%
1959	2.053216	0.487041	4.3080%
1958	1.968417	0.508023	2.1130%
1957	1.927685	0.518757	1.9895%
1956	1.890082	0.529078	2.1231%
1955	1.850788	0.540310	1.4496%
1954	1.824342	0.548143	2.1573%
1953	1.785818	0.559968	1.2298%
1952	1.764123	0.566854	1.6814%
1951	1.734952	0.576385	1.6233%
1950	1.707239	0.585741	1.4265%
1949	1.683227	0.594097	1.7790%
1948	1.653805	0.604666	1.8242%
1947	1.624178	0.615696	-2.6320%
1946	1.668082	0.599491	3.1768%
1945	1.616722	0.618535	6.4754%
1944	1.518400	0.658588	-0.3437%
1943	1.523636	0.656325	0.6562%
1942	1.513703	0.660632	0.6633%
1941	1.503728	0.665014	-5.6614%
1940	1.593970	0.627364	8.0381%
1939	1.475377	0.677793	0.8126%
1938	1.463485	0.683301	0.7762%
1937	1.452212	0.688605	0.6029%
1936	1.443509	0.692756	0.5244%
1935	1.435979	0.696389	-3.0364%
1934	1.480946	0.675244	4.6271%
1933	1.415452	0.706488	1.3921%
1932	1.396017	0.716323	-0.2051%
1931	1.398886	0.714854	0.8886%
1930	1.386565	0.721207	1.0126%
1929	1.372666	0.728509	1.1526%
1928	1.357025	0.736906	1.2160%
1927	1.340722	0.745867	1.4086%
1926	1.322099	0.756373	1.7667%
1925	1.299147	0.769736	1.4465%
1924	1.280623	0.780870	1.7700%
1923	1.258350	0.794691	1.6165%
1922	1.238332	0.807538	1.3736%
1921	1.221553	0.818630	2.3393%
1920	1.193630	0.837781	1.3140%
1919	1.178149	0.848789	0.7676%
1918	1.169174	0.855305	0.3870%
1917	1.164667	0.858615	1.3274%
1916	1.149409	0.870012	1.4083%
1915	1.133447	0.882265	1.4458%
1914	1.117293	0.895020	1.9424%
1913	1.096004	0.912405	1.9857%
1912	1.074665	0.930522	1.5634%
1911	1.058122	0.945070	1.8169%
1910	1.039240	0.962241	1.8781%
1909	1.020082	0.980313	2.0082%

1908	1.000000	1.000000	1.9603%
1907	0.980774	1.019603	1.8264%
1906	0.963183	1.038224	1.9357%
1905	0.944893	1.058321	2.0148%
1904	0.926231	1.079644	2.1335%
1903	0.906883	1.102679	1.8151%
1902	0.890715	1.122694	1.8943%
1901	0.874155	1.143962	3.0255%
1900	0.848484	1.178572	0.6278%
1899	0.843190	1.185972	1.7757%
1898	0.828479	1.207031	1.8078%
1897	0.813769	1.228851	1.8396%
1896	0.799069	1.251457	1.8755%
1895	0.784358	1.274928	1.9114%
1894	0.769647	1.299297	1.9486%
1893	0.754936	1.324615	1.9858%
1892	0.740236	1.350920	2.0276%
1891	0.725525	1.378311	2.6465%
1890	0.706819	1.414789	1.5328%
1889	0.696149	1.436475	2.0811%
1888	0.681956	1.466370	2.1599%
1887	0.667538	1.498041	2.2075%
1886	0.653121	1.531111	2.2592%
1885	0.638691	1.565701	2.3095%
1884	0.624274	1.601862	2.3641%
1883	0.609856	1.639732	2.4214%
1882	0.595438	1.679436	2.4815%
1881	0.581020	1.721111	3.7644%
1880	0.559942	1.785900	0.9432%
1879	0.554709	1.802745	2.1464%
1878	0.543053	1.841439	2.1913%
1877	0.531409	1.881791	2.2426%
1876	0.519753	1.923992	2.2941%
1875	0.508097	1.968129	2.3456%
1874	0.496452	2.014294	2.4043%
1873	0.484796	2.062724	2.4635%
1872	0.473140	2.113540	2.5258%
1871	0.461484	2.166923	5.9947%
1870	0.435384	2.296823	-1.0968%
1869	0.440212	2.271632	2.1930%
1868	0.430766	2.321448	2.2394%
1867	0.421330	2.373435	2.2935%
1866	0.411884	2.427870	2.3445%
1865	0.402448	2.484790	2.4037%
1864	0.393002	2.544517	2.4599%
1863	0.383567	2.607109	2.5250%
1862	0.374120	2.672939	2.5872%
1861	0.364685	2.742095	2.9504%
1860	0.354233	2.822997	2.4012%
1859	0.345927	2.890784	2.7627%
1858	0.336627	2.970648	2.8412%
1857	0.327327	3.055050	2.9243%
1856	0.318027	3.144389	3.0161%

1855	0.308716	3.239228	3.1061%
1854	0.299416	3.339840	3.2056%
1853	0.290115	3.446903	3.3118%
1852	0.280815	3.561057	3.4252%
1851	0.271515	3.683032	4.0106%
1850	0.261046	3.830743	2.3254%
1849	0.255114	3.919822	2.7841%
1848	0.248203	4.028954	2.8590%
1847	0.241304	4.144142	2.9432%
1846	0.234406	4.266110	3.0324%
1845	0.227507	4.395476	3.1325%
1844	0.220596	4.533165	3.2284%
1843	0.213698	4.679512	3.3361%
1842	0.206799	4.835623	3.4512%
1841	0.199900	5.002509	3.8105%
1840	0.192562	5.193129	2.3861%
1839	0.188075	5.317040	2.5824%
1838	0.183340	5.454347	2.6573%
1837	0.178594	5.599287	2.7232%
1836	0.173860	5.751767	2.7994%
1835	0.169125	5.912784	2.8871%
1834	0.164379	6.083493	2.9657%
1833	0.159645	6.263910	3.0563%
1832	0.154910	6.455356	3.1604%
1831	0.150164	6.659372	3.4660%
1830	0.145134	6.890184	2.4653%
1829	0.141642	7.060048	2.6804%
1828	0.137945	7.249285	10.3427%
1827	0.125015	7.999053	-4.2314%
1826	0.130538	7.660579	2.9150%
1825	0.126841	7.883887	3.0026%
1824	0.123144	8.120606	3.0955%
1823	0.119446	8.371980	3.1944%
1822	0.115749	8.639414	3.3102%
1821	0.112040	8.925395	3.2277%
1820	0.108537	9.213483	2.6573%
1819	0.105727	9.458311	2.6261%
1818	0.103022	9.706697	2.6969%
1817	0.100316	9.968480	2.7717%
1816	0.097611	10.244774	2.8507%
1815	0.094905	10.536821	2.9343%
1814	0.092200	10.846008	3.0231%
1813	0.089494	11.173888	3.1039%
1812	0.086800	11.520714	3.2172%
1811	0.084095	11.891354	3.0969%
1810	0.081569	12.259619	2.9144%
1809	0.079259	12.616911	2.8225%
1808	0.077083	12.973018	2.9199%
1807	0.074896	13.351821	2.9918%
1806	0.072721	13.751279	3.0841%
1805	0.070545	14.175376	3.1822%
1804	0.068369	14.626463	3.2868%
1803	0.066194	15.107204	3.3985%

1802	0.064018	15.620620	3.5180%
1801	0.061842	16.170160	3.3999%
1800	0.059809	16.719937	2.8419%
1799	0.058156	17.195096	2.7485%
1798	0.056600	17.667696	2.8261%
1797	0.055045	18.167008	3.7832%
1796	0.053038	18.854304	2.1272%
1795	0.051934	19.255372	3.0879%
1794	0.050378	19.849966	3.1625%
1793	0.048834	20.477724	3.2904%
1792	0.047278	21.151526	3.4024%
1791	0.045722	21.871179	3.2296%
1790	0.044292	22.577522	41.3145%
1780	0.031343	31.905301	29.4353%
1770	0.024215	41.296727	83.4728%
1750	0.013198	75.768278	29.2845%
1740	0.010209	97.956603	94.2514%
1720	0.005255	190.282068	85.8111%
1700	0.002828	353.565165	19.2490%
1690	0.002372	421.623099	88.0250%
1670	0.001261	792.756926	

BASE YEAR: 1907

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.464557	0.288637	8.2857%
2001	3.199461	0.312553	1.0000%
2000	3.167783	0.315678	1.0000%
1999	3.136419	0.318835	1.0000%
1998	3.105365	0.322023	1.0000%
1997	3.074619	0.325244	1.0000%
1996	3.044177	0.328496	1.0000%
1995	3.014037	0.331781	0.9992%
1994	2.984218	0.335096	1.0008%
1993	2.954648	0.338450	1.0000%
1992	2.925394	0.341834	0.9295%
1991	2.898453	0.345012	1.2505%
1990	2.862655	0.349326	0.7224%
1989	2.842122	0.351850	1.1077%
1988	2.810986	0.355747	0.8834%
1987	2.786372	0.358890	0.5594%
1986	2.770873	0.360897	1.3056%
1985	2.735162	0.365609	0.7673%
1984	2.714335	0.368414	0.8149%
1983	2.692393	0.371417	0.9737%
1982	2.666429	0.375033	0.9508%
1981	2.641315	0.378599	0.9031%
1980	2.617676	0.382018	2.2701%
1979	2.559572	0.390690	1.0042%
1978	2.534125	0.394614	0.9896%
1977	2.509293	0.398519	0.9103%
1976	2.486656	0.402147	0.8394%

1975	2.465956	0.405522	0.9042%
1974	2.443859	0.409189	1.1568%
1973	2.415912	0.413922	0.9427%
1972	2.393350	0.417824	0.7426%
1971	2.375707	0.420927	1.4697%
1970	2.341296	0.427114	0.6968%
1969	2.325094	0.430090	0.8565%
1968	2.305348	0.433774	1.5090%
1967	2.271077	0.440320	0.9949%
1966	2.248704	0.444701	1.0575%
1965	2.225174	0.449403	1.1300%
1964	2.200310	0.454481	1.5537%
1963	2.166648	0.461543	1.4658%
1962	2.135347	0.468308	1.5364%
1961	2.103035	0.475503	2.1586%
1960	2.058598	0.485768	-1.6655%
1959	2.093464	0.477677	4.3080%
1958	2.007003	0.498255	2.1130%
1957	1.965473	0.508783	1.9895%
1956	1.927133	0.518906	2.1231%
1955	1.887068	0.529922	1.4496%
1954	1.860104	0.537604	2.1573%
1953	1.820824	0.549202	1.2298%
1952	1.798705	0.555956	1.6814%
1951	1.768962	0.565303	1.6233%
1950	1.740705	0.574480	1.4265%
1949	1.716223	0.582675	1.7790%
1948	1.686224	0.593041	1.8242%
1947	1.656016	0.603859	-2.6320%
1946	1.700781	0.587965	3.1768%
1945	1.648414	0.606644	6.4754%
1944	1.548164	0.645926	-0.3437%
1943	1.553503	0.643706	0.6562%
1942	1.543375	0.647931	0.6633%
1941	1.533205	0.652228	-5.6614%
1940	1.625216	0.615303	8.0381%
1939	1.504299	0.664762	0.8126%
1938	1.492173	0.670164	0.7762%
1937	1.480679	0.675366	0.6029%
1936	1.471806	0.679437	0.5244%
1935	1.464128	0.683000	-3.0364%
1934	1.509977	0.662262	4.6271%
1933	1.443198	0.692906	1.3921%
1932	1.423383	0.702552	-0.2051%
1931	1.426308	0.701111	0.8886%
1930	1.413745	0.707341	1.0126%
1929	1.399574	0.714503	1.1526%
1928	1.383626	0.722739	1.2160%
1927	1.367003	0.731527	1.4086%
1926	1.348015	0.741831	1.7667%
1925	1.324614	0.754937	1.4465%
1924	1.305726	0.765857	1.7700%
1923	1.283017	0.779413	1.6165%

1922	1.262607	0.792012	1.3736%
1921	1.245498	0.802892	2.3393%
1920	1.217028	0.821674	1.3140%
1919	1.201244	0.832471	0.7676%
1918	1.192093	0.838861	0.3870%
1917	1.187497	0.842107	1.3274%
1916	1.171940	0.853286	1.4083%
1915	1.155665	0.865302	1.4458%
1914	1.139195	0.877813	1.9424%
1913	1.117489	0.894864	1.9857%
1912	1.095731	0.912633	1.5634%
1911	1.078864	0.926901	1.8169%
1910	1.059612	0.943742	1.8781%
1909	1.040079	0.961466	2.0082%
1908	1.019603	0.980774	1.9603%
1907	1.000000	1.000000	1.8264%
1906	0.982064	1.018264	1.9357%
1905	0.963415	1.037974	2.0148%
1904	0.944388	1.058887	2.1335%
1903	0.924660	1.081479	1.8151%
1902	0.908175	1.101109	1.8943%
1901	0.891291	1.121968	3.0255%
1900	0.865117	1.155913	0.6278%
1899	0.859719	1.163171	1.7757%
1898	0.844720	1.183825	1.8078%
1897	0.829720	1.205225	1.8396%
1896	0.814733	1.227396	1.8755%
1895	0.799733	1.250417	1.9114%
1894	0.784734	1.274317	1.9486%
1893	0.769735	1.299149	1.9858%
1892	0.754747	1.324947	2.0276%
1891	0.739748	1.351812	2.6465%
1890	0.720675	1.387588	1.5328%
1889	0.709795	1.408858	2.0811%
1888	0.695324	1.438178	2.1599%
1887	0.680624	1.469240	2.2075%
1886	0.665923	1.501674	2.2592%
1885	0.651211	1.535600	2.3095%
1884	0.636511	1.571065	2.3641%
1883	0.621810	1.608207	2.4214%
1882	0.607110	1.647148	2.4815%
1881	0.592410	1.688021	3.7644%
1880	0.570918	1.751565	0.9432%
1879	0.565583	1.768086	2.1464%
1878	0.553699	1.806036	2.1913%
1877	0.541826	1.845612	2.2426%
1876	0.529941	1.887002	2.2941%
1875	0.518057	1.930291	2.3456%
1874	0.506184	1.975568	2.4043%
1873	0.494299	2.023067	2.4635%
1872	0.482415	2.072906	2.5258%
1871	0.470530	2.125263	5.9947%
1870	0.443919	2.252665	-1.0968%

1869	0.448841	2.227958	2.1930%
1868	0.439210	2.276817	2.2394%
1867	0.429589	2.327804	2.2935%
1866	0.419958	2.381192	2.3445%
1865	0.410337	2.437019	2.4037%
1864	0.400706	2.495597	2.4599%
1863	0.391085	2.556986	2.5250%
1862	0.381454	2.621550	2.5872%
1861	0.371833	2.689376	2.9504%
1860	0.361177	2.768723	2.4012%
1859	0.352708	2.835207	2.7627%
1858	0.343226	2.913536	2.8412%
1857	0.333743	2.996315	2.9243%
1856	0.324261	3.083936	3.0161%
1855	0.314767	3.176952	3.1061%
1854	0.305285	3.275630	3.2056%
1853	0.295802	3.380634	3.3118%
1852	0.286320	3.492594	3.4252%
1851	0.276838	3.612223	4.0106%
1850	0.266163	3.757095	2.3254%
1849	0.260114	3.844461	2.7841%
1848	0.253069	3.951494	2.8590%
1847	0.246035	4.064468	2.9432%
1846	0.239001	4.184092	3.0324%
1845	0.231966	4.310970	3.1325%
1844	0.224921	4.446012	3.2284%
1843	0.217887	4.589545	3.3361%
1842	0.210852	4.742655	3.4512%
1841	0.203818	4.906333	3.8105%
1840	0.196337	5.093288	2.3861%
1839	0.191761	5.214817	2.5824%
1838	0.186934	5.349484	2.6573%
1837	0.182095	5.491637	2.7232%
1836	0.177268	5.641185	2.7994%
1835	0.172440	5.799107	2.8871%
1834	0.167601	5.966534	2.9657%
1833	0.162774	6.143483	3.0563%
1832	0.157947	6.331247	3.1604%
1831	0.153108	6.531341	3.4660%
1830	0.147979	6.757716	2.4653%
1829	0.144419	6.924314	2.6804%
1828	0.140649	7.109913	10.3427%
1827	0.127465	7.845266	-4.2314%
1826	0.133097	7.513299	2.9150%
1825	0.129327	7.732314	3.0026%
1824	0.125557	7.964482	3.0955%
1823	0.121788	8.211023	3.1944%
1822	0.118018	8.473315	3.3102%
1821	0.114236	8.753798	3.2277%
1820	0.110664	9.036348	2.6573%
1819	0.107800	9.276469	2.6261%
1818	0.105041	9.520079	2.6969%
1817	0.102283	9.776829	2.7717%

1816	0.099524	10.047812	2.8507%
1815	0.096766	10.334244	2.9343%
1814	0.094007	10.637486	3.0231%
1813	0.091249	10.959063	3.1039%
1812	0.088502	11.299221	3.2172%
1811	0.085743	11.662735	3.0969%
1810	0.083168	12.023920	2.9144%
1809	0.080812	12.374342	2.8225%
1808	0.078594	12.723603	2.9199%
1807	0.076364	13.095123	2.9918%
1806	0.074146	13.486901	3.0841%
1805	0.071928	13.902844	3.1822%
1804	0.069709	14.345260	3.2868%
1803	0.067491	14.816757	3.3985%
1802	0.065273	15.320303	3.5180%
1801	0.063055	15.859278	3.3999%
1800	0.060981	16.398485	2.8419%
1799	0.059296	16.864509	2.7485%
1798	0.057710	17.328022	2.8261%
1797	0.056124	17.817735	3.7832%
1796	0.054078	18.491817	2.1272%
1795	0.052952	18.885175	3.0879%
1794	0.051365	19.468337	3.1625%
1793	0.049791	20.084026	3.2904%
1792	0.048205	20.744874	3.4024%
1791	0.046619	21.450690	3.2296%
1790	0.045160	22.143454	41.3145%
1780	0.031957	31.291900	29.4353%
1770	0.024690	40.502770	83.4728%
1750	0.013457	74.311582	29.2845%
1740	0.010409	96.073322	94.2514%
1720	0.005358	186.623767	85.8111%
1700	0.002884	346.767637	19.2490%
1690	0.002418	413.517110	88.0250%
1670	0.001286	777.515639	

BASE YEAR: 1906

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.527832	0.283460	8.2857%
2001	3.257894	0.306947	1.0000%
2000	3.225638	0.310016	1.0000%
1999	3.193701	0.313116	1.0000%
1998	3.162080	0.316248	1.0000%
1997	3.130772	0.319410	1.0000%
1996	3.099774	0.322604	1.0000%
1995	3.069084	0.325830	0.9992%
1994	3.038720	0.329086	1.0008%
1993	3.008610	0.332379	1.0000%
1992	2.978822	0.335703	0.9295%
1991	2.951389	0.338824	1.2505%
1990	2.914937	0.343061	0.7224%

1989	2.894029	0.345539	1.1077%
1988	2.862324	0.349366	0.8834%
1987	2.837261	0.352453	0.5594%
1986	2.821479	0.354424	1.3056%
1985	2.785115	0.359052	0.7673%
1984	2.763908	0.361807	0.8149%
1983	2.741566	0.364755	0.9737%
1982	2.715128	0.368307	0.9508%
1981	2.689555	0.371809	0.9031%
1980	2.665484	0.375166	2.2701%
1979	2.606319	0.383683	1.0042%
1978	2.580407	0.387536	0.9896%
1977	2.555121	0.391371	0.9103%
1976	2.532071	0.394934	0.8394%
1975	2.510993	0.398249	0.9042%
1974	2.488492	0.401850	1.1568%
1973	2.460035	0.406498	0.9427%
1972	2.437061	0.410330	0.7426%
1971	2.419096	0.413378	1.4697%
1970	2.384056	0.419453	0.6968%
1969	2.367559	0.422376	0.8565%
1968	2.347452	0.425994	1.5090%
1967	2.312554	0.432422	0.9949%
1966	2.289773	0.436724	1.0575%
1965	2.265813	0.441343	1.1300%
1964	2.240495	0.446330	1.5537%
1963	2.206218	0.453264	1.4658%
1962	2.174346	0.459908	1.5364%
1961	2.141444	0.466975	2.1586%
1960	2.096195	0.477055	-1.6655%
1959	2.131698	0.469110	4.3080%
1958	2.043658	0.489319	2.1130%
1957	2.001369	0.499658	1.9895%
1956	1.962329	0.509599	2.1231%
1955	1.921533	0.520418	1.4496%
1954	1.894076	0.527962	2.1573%
1953	1.854079	0.539351	1.2298%
1952	1.831555	0.545984	1.6814%
1951	1.801269	0.555164	1.6233%
1950	1.772497	0.564176	1.4265%
1949	1.747567	0.572224	1.7790%
1948	1.717021	0.582404	1.8242%
1947	1.686261	0.593028	-2.6320%
1946	1.731843	0.577419	3.1768%
1945	1.678520	0.595763	6.4754%
1944	1.576439	0.634341	-0.3437%
1943	1.581876	0.632161	0.6562%
1942	1.571563	0.636309	0.6633%
1941	1.561207	0.640530	-5.6614%
1940	1.654898	0.604267	8.0381%
1939	1.531772	0.652838	0.8126%
1938	1.519425	0.658144	0.7762%
1937	1.507721	0.663252	0.6029%

1936	1.498686	0.667251	0.5244%
1935	1.490868	0.670750	-3.0364%
1934	1.537554	0.650384	4.6271%
1933	1.469556	0.680478	1.3921%
1932	1.449379	0.689951	-0.2051%
1931	1.452357	0.688536	0.8886%
1930	1.439565	0.694654	1.0126%
1929	1.425135	0.701688	1.1526%
1928	1.408896	0.709776	1.2160%
1927	1.391970	0.718407	1.4086%
1926	1.372635	0.728526	1.7667%
1925	1.348806	0.741397	1.4465%
1924	1.329573	0.752121	1.7700%
1923	1.306450	0.765433	1.6165%
1922	1.285667	0.777807	1.3736%
1921	1.268245	0.788491	2.3393%
1920	1.239255	0.806936	1.3140%
1919	1.223183	0.817539	0.7676%
1918	1.213864	0.823815	0.3870%
1917	1.209185	0.827003	1.3274%
1916	1.193344	0.837981	1.4083%
1915	1.176772	0.849782	1.4458%
1914	1.160000	0.862069	1.9424%
1913	1.137898	0.878813	1.9857%
1912	1.115743	0.896264	1.5634%
1911	1.098568	0.910276	1.8169%
1910	1.078964	0.926815	1.8781%
1909	1.059074	0.944221	2.0082%
1908	1.038224	0.963183	1.9603%
1907	1.018264	0.982064	1.8264%
1906	1.000000	1.000000	1.9357%
1905	0.981011	1.019357	2.0148%
1904	0.961635	1.039895	2.1335%
1903	0.941547	1.062082	1.8151%
1902	0.924761	1.081360	1.8943%
1901	0.907569	1.101845	3.0255%
1900	0.880917	1.135181	0.6278%
1899	0.875421	1.142308	1.7757%
1898	0.860147	1.162592	1.8078%
1897	0.844874	1.183608	1.8396%
1896	0.829613	1.205382	1.8755%
1895	0.814339	1.227989	1.9114%
1894	0.799066	1.251461	1.9486%
1893	0.783793	1.275847	1.9858%
1892	0.768531	1.301183	2.0276%
1891	0.753258	1.327566	2.6465%
1890	0.733837	1.362701	1.5328%
1889	0.722758	1.383588	2.0811%
1888	0.708023	1.412383	2.1599%
1887	0.693054	1.442888	2.2075%
1886	0.678086	1.474740	2.2592%
1885	0.663105	1.508057	2.3095%
1884	0.648136	1.542886	2.3641%

1883	0.633167	1.579362	2.4214%
1882	0.618198	1.617605	2.4815%
1881	0.603229	1.657745	3.7644%
1880	0.581345	1.720149	0.9432%
1879	0.575913	1.736374	2.1464%
1878	0.563811	1.773643	2.1913%
1877	0.551721	1.812509	2.2426%
1876	0.539620	1.853157	2.2941%
1875	0.527518	1.895669	2.3456%
1874	0.515428	1.940134	2.4043%
1873	0.503327	1.986781	2.4635%
1872	0.491225	2.035726	2.5258%
1871	0.479124	2.087144	5.9947%
1870	0.452026	2.212261	-1.0968%
1869	0.457039	2.187998	2.1930%
1868	0.447231	2.235980	2.2394%
1867	0.437435	2.286053	2.2935%
1866	0.427628	2.338483	2.3445%
1865	0.417832	2.393308	2.4037%
1864	0.408024	2.450836	2.4599%
1863	0.398228	2.511124	2.5250%
1862	0.388420	2.574530	2.5872%
1861	0.378624	2.641139	2.9504%
1860	0.367774	2.719064	2.4012%
1859	0.359150	2.784355	2.7627%
1858	0.349494	2.861279	2.8412%
1857	0.339839	2.942573	2.9243%
1856	0.330183	3.028623	3.0161%
1855	0.320516	3.119970	3.1061%
1854	0.310860	3.216878	3.2056%
1853	0.301205	3.319999	3.3118%
1852	0.291549	3.429951	3.4252%
1851	0.281894	3.547434	4.0106%
1850	0.271024	3.689708	2.3254%
1849	0.264865	3.775507	2.7841%
1848	0.257691	3.880620	2.8590%
1847	0.250528	3.991568	2.9432%
1846	0.243365	4.109046	3.0324%
1845	0.236203	4.233649	3.1325%
1844	0.229029	4.366268	3.2284%
1843	0.221866	4.507227	3.3361%
1842	0.214703	4.657591	3.4512%
1841	0.207541	4.818333	3.8105%
1840	0.199923	5.001935	2.3861%
1839	0.195264	5.121284	2.5824%
1838	0.190348	5.253535	2.6573%
1837	0.185421	5.393139	2.7232%
1836	0.180505	5.540005	2.7994%
1835	0.175590	5.695094	2.8871%
1834	0.170662	5.859519	2.9657%
1833	0.165747	6.033293	3.0563%
1832	0.160831	6.217690	3.1604%
1831	0.155904	6.414196	3.4660%

1830	0.150682	6.636509	2.4653%
1829	0.147056	6.800119	2.6804%
1828	0.143217	6.982389	10.3427%
1827	0.129793	7.704554	-4.2314%
1826	0.135528	7.378541	2.9150%
1825	0.131689	7.593628	3.0026%
1824	0.127851	7.821631	3.0955%
1823	0.124012	8.063750	3.1944%
1822	0.120173	8.321338	3.3102%
1821	0.116322	8.596790	3.2277%
1820	0.112685	8.874272	2.6573%
1819	0.109768	9.110086	2.6261%
1818	0.106960	9.349327	2.6969%
1817	0.104151	9.601472	2.7717%
1816	0.101342	9.867594	2.8507%
1815	0.098533	10.148889	2.9343%
1814	0.095724	10.446693	3.0231%
1813	0.092915	10.762502	3.1039%
1812	0.090118	11.096558	3.2172%
1811	0.087309	11.453552	3.0969%
1810	0.084686	11.808259	2.9144%
1809	0.082288	12.152397	2.8225%
1808	0.080029	12.495393	2.9199%
1807	0.077759	12.860250	2.9918%
1806	0.075500	13.245001	3.0841%
1805	0.073241	13.653484	3.1822%
1804	0.070983	14.087964	3.2868%
1803	0.068724	14.551005	3.3985%
1802	0.066465	15.045519	3.5180%
1801	0.064206	15.574827	3.3999%
1800	0.062095	16.104363	2.8419%
1799	0.060379	16.562028	2.7485%
1798	0.058764	17.017228	2.8261%
1797	0.057149	17.498157	3.7832%
1796	0.055066	18.160149	2.1272%
1795	0.053919	18.546451	3.0879%
1794	0.052304	19.119154	3.1625%
1793	0.050700	19.723800	3.2904%
1792	0.049085	20.372794	3.4024%
1791	0.047470	21.065952	3.2296%
1790	0.045985	21.746290	41.3145%
1780	0.032541	30.730650	29.4353%
1770	0.025141	39.776314	83.4728%
1750	0.013703	72.978732	29.2845%
1740	0.010599	94.350155	94.2514%
1720	0.005456	183.276491	85.8111%
1700	0.002936	340.548027	19.2490%
1690	0.002462	406.100285	88.0250%
1670	0.001310	763.570152	

BASE YEAR: 1905

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.596120	0.278078	8.2857%
2001	3.320957	0.301118	1.0000%
2000	3.288075	0.304129	1.0000%
1999	3.255520	0.307171	1.0000%
1998	3.223287	0.310242	1.0000%
1997	3.191374	0.313345	1.0000%
1996	3.159776	0.316478	1.0000%
1995	3.128491	0.319643	0.9992%
1994	3.097540	0.322837	1.0008%
1993	3.066847	0.326068	1.0000%
1992	3.036483	0.329328	0.9295%
1991	3.008518	0.332390	1.2505%
1990	2.971361	0.336546	0.7224%
1989	2.950048	0.338977	1.1077%
1988	2.917729	0.342732	0.8834%
1987	2.892181	0.345760	0.5594%
1986	2.876093	0.347694	1.3056%
1985	2.839026	0.352233	0.7673%
1984	2.817409	0.354936	0.8149%
1983	2.794634	0.357829	0.9737%
1982	2.767684	0.361313	0.9508%
1981	2.741616	0.364748	0.9031%
1980	2.717079	0.368042	2.2701%
1979	2.656769	0.376397	1.0042%
1978	2.630355	0.380177	0.9896%
1977	2.604580	0.383939	0.9103%
1976	2.581083	0.387434	0.8394%
1975	2.559597	0.390686	0.9042%
1974	2.536661	0.394219	1.1568%
1973	2.507653	0.398779	0.9427%
1972	2.484234	0.402539	0.7426%
1971	2.465921	0.405528	1.4697%
1970	2.430204	0.411488	0.6968%
1969	2.413387	0.414355	0.8565%
1968	2.392891	0.417905	1.5090%
1967	2.357318	0.424211	0.9949%
1966	2.334096	0.428431	1.0575%
1965	2.309672	0.432962	1.1300%
1964	2.283864	0.437854	1.5537%
1963	2.248923	0.444657	1.4658%
1962	2.216434	0.451175	1.5364%
1961	2.182896	0.458107	2.1586%
1960	2.136771	0.467996	-1.6655%
1959	2.172961	0.460202	4.3080%
1958	2.083216	0.480027	2.1130%
1957	2.040109	0.490170	1.9895%
1956	2.000313	0.499922	2.1231%
1955	1.958728	0.510536	1.4496%
1954	1.930739	0.517936	2.1573%
1953	1.889968	0.529110	1.2298%
1952	1.867008	0.535616	1.6814%
1951	1.836136	0.544622	1.6233%

1950	1.806807	0.553463	1.4265%
1949	1.781394	0.561358	1.7790%
1948	1.750256	0.571345	1.8242%
1947	1.718901	0.581767	-2.6320%
1946	1.765366	0.566455	3.1768%
1945	1.711011	0.584450	6.4754%
1944	1.606954	0.622295	-0.3437%
1943	1.612495	0.620157	0.6562%
1942	1.601983	0.624226	0.6633%
1941	1.591427	0.628367	-5.6614%
1940	1.686931	0.592792	8.0381%
1939	1.561423	0.640442	0.8126%
1938	1.548836	0.645646	0.7762%
1937	1.536906	0.650658	0.6029%
1936	1.527696	0.654581	0.5244%
1935	1.519727	0.658013	-3.0364%
1934	1.567316	0.638033	4.6271%
1933	1.498002	0.667556	1.3921%
1932	1.477434	0.676849	-0.2051%
1931	1.480470	0.675461	0.8886%
1930	1.467431	0.681463	1.0126%
1929	1.452721	0.688364	1.1526%
1928	1.436168	0.696298	1.2160%
1927	1.418914	0.704765	1.4086%
1926	1.399205	0.714692	1.7667%
1925	1.374914	0.727318	1.4465%
1924	1.355310	0.737839	1.7700%
1923	1.331738	0.750898	1.6165%
1922	1.310553	0.763037	1.3736%
1921	1.292794	0.773518	2.3393%
1920	1.263243	0.791613	1.3140%
1919	1.246859	0.802015	0.7676%
1918	1.237361	0.808172	0.3870%
1917	1.232591	0.811299	1.3274%
1916	1.216443	0.822069	1.4083%
1915	1.199550	0.833646	1.4458%
1914	1.182454	0.845699	1.9424%
1913	1.159924	0.862125	1.9857%
1912	1.137340	0.879244	1.5634%
1911	1.119833	0.892991	1.8169%
1910	1.099849	0.909215	1.8781%
1909	1.079574	0.926291	2.0082%
1908	1.058321	0.944893	1.9603%
1907	1.037974	0.963415	1.8264%
1906	1.019357	0.981011	1.9357%
1905	1.000000	1.000000	2.0148%
1904	0.980250	1.020148	2.1335%
1903	0.959773	1.041913	1.8151%
1902	0.942662	1.060826	1.8943%
1901	0.925137	1.080922	3.0255%
1900	0.897969	1.113625	0.6278%
1899	0.892366	1.120617	1.7757%
1898	0.876797	1.140515	1.8078%

1897	0.861228	1.161133	1.8396%
1896	0.845671	1.182493	1.8755%
1895	0.830102	1.204671	1.9114%
1894	0.814533	1.227697	1.9486%
1893	0.798964	1.251620	1.9858%
1892	0.783407	1.276475	2.0276%
1891	0.767839	1.302357	2.6465%
1890	0.748042	1.336824	1.5328%
1889	0.736749	1.357315	2.0811%
1888	0.721728	1.385563	2.1599%
1887	0.706470	1.415489	2.2075%
1886	0.691211	1.446736	2.2592%
1885	0.675940	1.479420	2.3095%
1884	0.660682	1.513588	2.3641%
1883	0.645423	1.549372	2.4214%
1882	0.630164	1.586888	2.4815%
1881	0.614906	1.626266	3.7644%
1880	0.592598	1.687485	0.9432%
1879	0.587061	1.703402	2.1464%
1878	0.574725	1.739963	2.1913%
1877	0.562401	1.778091	2.2426%
1876	0.550065	1.817967	2.2941%
1875	0.537729	1.859672	2.3456%
1874	0.525405	1.903292	2.4043%
1873	0.513070	1.949054	2.4635%
1872	0.500734	1.997069	2.5258%
1871	0.488398	2.047511	5.9947%
1870	0.460776	2.170252	-1.0968%
1869	0.465886	2.146450	2.1930%
1868	0.455888	2.193521	2.2394%
1867	0.445903	2.242642	2.2935%
1866	0.435905	2.294077	2.3445%
1865	0.425920	2.347861	2.4037%
1864	0.415922	2.404297	2.4599%
1863	0.405936	2.463440	2.5250%
1862	0.395939	2.525642	2.5872%
1861	0.385953	2.590986	2.9504%
1860	0.374893	2.667431	2.4012%
1859	0.366102	2.731482	2.7627%
1858	0.356259	2.806945	2.8412%
1857	0.346417	2.886696	2.9243%
1856	0.336574	2.971112	3.0161%
1855	0.326720	3.060724	3.1061%
1854	0.316878	3.155792	3.2056%
1853	0.307035	3.256955	3.3118%
1852	0.297193	3.364819	3.4252%
1851	0.287350	3.480071	4.0106%
1850	0.276270	3.619643	2.3254%
1849	0.269992	3.703813	2.7841%
1848	0.262679	3.806931	2.8590%
1847	0.255378	3.915771	2.9432%
1846	0.248076	4.031019	3.0324%
1845	0.240775	4.153255	3.1325%

1844	0.233462	4.283356	3.2284%
1843	0.226161	4.421638	3.3361%
1842	0.218859	4.569147	3.4512%
1841	0.211558	4.726837	3.8105%
1840	0.203792	4.906953	2.3861%
1839	0.199043	5.024035	2.5824%
1838	0.194033	5.153775	2.6573%
1837	0.189010	5.290728	2.7232%
1836	0.183999	5.434805	2.7994%
1835	0.178989	5.586949	2.8871%
1834	0.173966	5.748251	2.9657%
1833	0.168955	5.918726	3.0563%
1832	0.163945	6.099622	3.1604%
1831	0.158922	6.292395	3.4660%
1830	0.153598	6.510488	2.4653%
1829	0.149903	6.670991	2.6804%
1828	0.145990	6.849800	10.3427%
1827	0.132306	7.558251	-4.2314%
1826	0.138152	7.238428	2.9150%
1825	0.134238	7.449431	3.0026%
1824	0.130325	7.673105	3.0955%
1823	0.126412	7.910627	3.1944%
1822	0.122499	8.163323	3.3102%
1821	0.118574	8.433545	3.2277%
1820	0.114867	8.705757	2.6573%
1819	0.111893	8.937094	2.6261%
1818	0.109030	9.171791	2.6969%
1817	0.106167	9.419148	2.7717%
1816	0.103303	9.680217	2.8507%
1815	0.100440	9.956171	2.9343%
1814	0.097577	10.248319	3.0231%
1813	0.094714	10.558131	3.1039%
1812	0.091862	10.885844	3.2172%
1811	0.088999	11.236059	3.0969%
1810	0.086326	11.584030	2.9144%
1809	0.083881	11.921633	2.8225%
1808	0.081579	12.258116	2.9199%
1807	0.079264	12.616045	2.9918%
1806	0.076962	12.993489	3.0841%
1805	0.074659	13.394215	3.1822%
1804	0.072357	13.820445	3.2868%
1803	0.070054	14.274693	3.3985%
1802	0.067752	14.759817	3.5180%
1801	0.065449	15.279074	3.3999%
1800	0.063297	15.798554	2.8419%
1799	0.061548	16.247529	2.7485%
1798	0.059901	16.694085	2.8261%
1797	0.058255	17.165882	3.7832%
1796	0.056132	17.815303	2.1272%
1795	0.054962	18.194270	3.0879%
1794	0.053316	18.756098	3.1625%
1793	0.051682	19.349261	3.2904%
1792	0.050035	19.985932	3.4024%

1791	0.048389	20.665927	3.2296%
1790	0.046875	21.333346	41.3145%
1780	0.033171	30.147101	29.4353%
1770	0.025627	39.020995	83.4728%
1750	0.013968	71.592928	29.2845%
1740	0.010804	92.558525	94.2514%
1720	0.005562	179.796225	85.8111%
1700	0.002993	334.081307	19.2490%
1690	0.002510	398.388783	88.0250%
1670	0.001335	749.070599	

BASE YEAR: 1904

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	3.668576	0.272585	8.2857%
2001	3.387868	0.295171	1.0000%
2000	3.354325	0.298123	1.0000%
1999	3.321114	0.301104	1.0000%
1998	3.288231	0.304115	1.0000%
1997	3.255675	0.307156	1.0000%
1996	3.223440	0.310228	1.0000%
1995	3.191525	0.313330	0.9992%
1994	3.159950	0.316461	1.0008%
1993	3.128639	0.319628	1.0000%
1992	3.097663	0.322824	0.9295%
1991	3.069135	0.325825	1.2505%
1990	3.031229	0.329899	0.7224%
1989	3.009487	0.332283	1.1077%
1988	2.976517	0.335963	0.8834%
1987	2.950454	0.338931	0.5594%
1986	2.934042	0.340827	1.3056%
1985	2.896228	0.345277	0.7673%
1984	2.874175	0.347926	0.8149%
1983	2.850941	0.350761	0.9737%
1982	2.823448	0.354177	0.9508%
1981	2.796855	0.357544	0.9031%
1980	2.771824	0.360773	2.2701%
1979	2.710298	0.368963	1.0042%
1978	2.683353	0.372668	0.9896%
1977	2.657058	0.376356	0.9103%
1976	2.633088	0.379782	0.8394%
1975	2.611169	0.382970	0.9042%
1974	2.587771	0.386433	1.1568%
1973	2.558178	0.390903	0.9427%
1972	2.534288	0.394588	0.7426%
1971	2.515606	0.397519	1.4697%
1970	2.479168	0.403361	0.6968%
1969	2.462013	0.406172	0.8565%
1968	2.441104	0.409651	1.5090%
1967	2.404814	0.415833	0.9949%
1966	2.381124	0.419970	1.0575%
1965	2.356208	0.424411	1.1300%

1964	2.329880	0.429207	1.5537%
1963	2.294235	0.435875	1.4658%
1962	2.261092	0.442264	1.5364%
1961	2.226877	0.449059	2.1586%
1960	2.179823	0.458753	-1.6655%
1959	2.216742	0.451112	4.3080%
1958	2.125189	0.470546	2.1130%
1957	2.081214	0.480489	1.9895%
1956	2.040616	0.490048	2.1231%
1955	1.998193	0.500452	1.4496%
1954	1.969641	0.507707	2.1573%
1953	1.928048	0.518659	1.2298%
1952	1.904625	0.525038	1.6814%
1951	1.873131	0.533865	1.6233%
1950	1.843211	0.542532	1.4265%
1949	1.817286	0.550271	1.7790%
1948	1.785521	0.560061	1.8242%
1947	1.753534	0.570277	-2.6320%
1946	1.800935	0.555267	3.1768%
1945	1.745485	0.572907	6.4754%
1944	1.639331	0.610005	-0.3437%
1943	1.644985	0.607908	0.6562%
1942	1.634260	0.611898	0.6633%
1941	1.623492	0.615956	-5.6614%
1940	1.720920	0.581084	8.0381%
1939	1.592883	0.627793	0.8126%
1938	1.580043	0.632894	0.7762%
1937	1.567872	0.637807	0.6029%
1936	1.558476	0.641652	0.5244%
1935	1.550347	0.645017	-3.0364%
1934	1.598895	0.625432	4.6271%
1933	1.528184	0.654371	1.3921%
1932	1.507202	0.663481	-0.2051%
1931	1.510299	0.662120	0.8886%
1930	1.496997	0.668004	1.0126%
1929	1.481991	0.674768	1.1526%
1928	1.465104	0.682545	1.2160%
1927	1.447502	0.690845	1.4086%
1926	1.427396	0.700576	1.7667%
1925	1.402616	0.712953	1.4465%
1924	1.382617	0.723266	1.7700%
1923	1.358571	0.736068	1.6165%
1922	1.336958	0.747966	1.3736%
1921	1.318842	0.758241	2.3393%
1920	1.288695	0.775978	1.3140%
1919	1.271982	0.786175	0.7676%
1918	1.262292	0.792210	0.3870%
1917	1.257426	0.795276	1.3274%
1916	1.240953	0.805832	1.4083%
1915	1.223719	0.817181	1.4458%
1914	1.206279	0.828996	1.9424%
1913	1.183295	0.845098	1.9857%
1912	1.160256	0.861879	1.5634%

1911	1.142396	0.875354	1.8169%
1910	1.122010	0.891258	1.8781%
1909	1.101326	0.907996	2.0082%
1908	1.079644	0.926231	1.9603%
1907	1.058887	0.944388	1.8264%
1906	1.039895	0.961635	1.9357%
1905	1.020148	0.980250	2.0148%
1904	1.000000	1.000000	2.1335%
1903	0.979110	1.021335	1.8151%
1902	0.961655	1.039874	1.8943%
1901	0.943777	1.059573	3.0255%
1900	0.916061	1.091630	0.6278%
1899	0.910346	1.098484	1.7757%
1898	0.894463	1.117989	1.8078%
1897	0.878580	1.138200	1.8396%
1896	0.862710	1.159138	1.8755%
1895	0.846827	1.180878	1.9114%
1894	0.830945	1.203449	1.9486%
1893	0.815062	1.226900	1.9858%
1892	0.799192	1.251264	2.0276%
1891	0.783309	1.276635	2.6465%
1890	0.763113	1.310421	1.5328%
1889	0.751593	1.330508	2.0811%
1888	0.736270	1.358197	2.1599%
1887	0.720704	1.387532	2.2075%
1886	0.705138	1.418163	2.2592%
1885	0.689559	1.450201	2.3095%
1884	0.673993	1.483694	2.3641%
1883	0.658427	1.518771	2.4214%
1882	0.642861	1.555546	2.4815%
1881	0.627295	1.594147	3.7644%
1880	0.604538	1.654157	0.9432%
1879	0.598889	1.669759	2.1464%
1878	0.586304	1.705598	2.1913%
1877	0.573732	1.742973	2.2426%
1876	0.561148	1.782061	2.2941%
1875	0.548564	1.822943	2.3456%
1874	0.535991	1.865702	2.4043%
1873	0.523407	1.910559	2.4635%
1872	0.510823	1.957627	2.5258%
1871	0.498238	2.007072	5.9947%
1870	0.470060	2.127389	-1.0968%
1869	0.475272	2.104056	2.1930%
1868	0.465074	2.150198	2.2394%
1867	0.454887	2.198349	2.2935%
1866	0.444688	2.248768	2.3445%
1865	0.434501	2.301490	2.4037%
1864	0.424302	2.356811	2.4599%
1863	0.414115	2.414786	2.5250%
1862	0.403916	2.475759	2.5872%
1861	0.393730	2.539813	2.9504%
1860	0.382446	2.614748	2.4012%
1859	0.373478	2.677534	2.7627%

1858	0.363437	2.751507	2.8412%
1857	0.353396	2.829683	2.9243%
1856	0.343356	2.912431	3.0161%
1855	0.333303	3.000274	3.1061%
1854	0.323262	3.093464	3.2056%
1853	0.313221	3.192629	3.3118%
1852	0.303181	3.298362	3.4252%
1851	0.293140	3.411339	4.0106%
1850	0.281837	3.548154	2.3254%
1849	0.275432	3.630661	2.7841%
1848	0.267971	3.731742	2.8590%
1847	0.260523	3.838433	2.9432%
1846	0.253075	3.951404	3.0324%
1845	0.245626	4.071227	3.1325%
1844	0.238166	4.198758	3.2284%
1843	0.230717	4.334309	3.3361%
1842	0.223269	4.478904	3.4512%
1841	0.215821	4.633480	3.8105%
1840	0.207899	4.810038	2.3861%
1839	0.203054	4.924808	2.5824%
1838	0.197942	5.051986	2.6573%
1837	0.192818	5.186234	2.7232%
1836	0.187707	5.327465	2.7994%
1835	0.182595	5.476605	2.8871%
1834	0.177471	5.634721	2.9657%
1833	0.172359	5.801829	3.0563%
1832	0.167248	5.979152	3.1604%
1831	0.162124	6.168118	3.4660%
1830	0.156693	6.381903	2.4653%
1829	0.152923	6.539236	2.6804%
1828	0.148931	6.714513	10.3427%
1827	0.134971	7.408972	-4.2314%
1826	0.140935	7.095466	2.9150%
1825	0.136943	7.302302	3.0026%
1824	0.132951	7.521558	3.0955%
1823	0.128959	7.754388	3.1944%
1822	0.124967	8.002094	3.3102%
1821	0.120963	8.266979	3.2277%
1820	0.117181	8.533815	2.6573%
1819	0.114148	8.760582	2.6261%
1818	0.111227	8.990644	2.6969%
1817	0.108306	9.233116	2.7717%
1816	0.105385	9.489029	2.8507%
1815	0.102464	9.759532	2.9343%
1814	0.099543	10.045910	3.0231%
1813	0.096622	10.349603	3.1039%
1812	0.093713	10.670844	3.2172%
1811	0.090792	11.014142	3.0969%
1810	0.088065	11.355241	2.9144%
1809	0.085571	11.686176	2.8225%
1808	0.083222	12.016013	2.9199%
1807	0.080861	12.366872	2.9918%
1806	0.078512	12.736863	3.0841%

1805	0.076163	13.129674	3.1822%
1804	0.073814	13.547486	3.2868%
1803	0.071466	13.992762	3.3985%
1802	0.069117	14.468304	3.5180%
1801	0.066768	14.977306	3.3999%
1800	0.064572	15.486526	2.8419%
1799	0.062788	15.926633	2.7485%
1798	0.061108	16.364370	2.8261%
1797	0.059429	16.826848	3.7832%
1796	0.057262	17.463443	2.1272%
1795	0.056070	17.834925	3.0879%
1794	0.054390	18.385657	3.1625%
1793	0.052723	18.967105	3.2904%
1792	0.051043	19.591202	3.4024%
1791	0.049364	20.257766	3.2296%
1790	0.047819	20.912004	41.3145%
1780	0.033839	29.551683	29.4353%
1770	0.026144	38.250314	83.4728%
1750	0.014249	70.178937	29.2845%
1740	0.011022	90.730455	94.2514%
1720	0.005674	176.245174	85.8111%
1700	0.003054	327.483061	19.2490%
1690	0.002561	390.520437	88.0250%
1670	0.001362	734.276139	

BASE YEAR: 1903

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.746846	0.266891	8.2857%
2001	3.460149	0.289005	1.0000%
2000	3.425890	0.291895	1.0000%
1999	3.391970	0.294814	1.0000%
1998	3.358387	0.297762	1.0000%
1997	3.325135	0.300740	1.0000%
1996	3.292213	0.303747	1.0000%
1995	3.259617	0.306785	0.9992%
1994	3.227368	0.309850	1.0008%
1993	3.195390	0.312951	1.0000%
1992	3.163752	0.316080	0.9295%
1991	3.134616	0.319018	1.2505%
1990	3.095901	0.323008	0.7224%
1989	3.073695	0.325341	1.1077%
1988	3.040022	0.328945	0.8834%
1987	3.013402	0.331851	0.5594%
1986	2.996640	0.333707	1.3056%
1985	2.958020	0.338064	0.7673%
1984	2.935496	0.340658	0.8149%
1983	2.911767	0.343434	0.9737%
1982	2.883687	0.346778	0.9508%
1981	2.856527	0.350075	0.9031%
1980	2.830961	0.353237	2.2701%
1979	2.768123	0.361256	1.0042%

1978	2.740603	0.364883	0.9896%
1977	2.713747	0.368494	0.9103%
1976	2.689266	0.371849	0.8394%
1975	2.666879	0.374970	0.9042%
1974	2.642982	0.378361	1.1568%
1973	2.612758	0.382737	0.9427%
1972	2.588357	0.386345	0.7426%
1971	2.569277	0.389215	1.4697%
1970	2.532062	0.394935	0.6968%
1969	2.514540	0.397687	0.8565%
1968	2.493185	0.401093	1.5090%
1967	2.456121	0.407146	0.9949%
1966	2.431926	0.411197	1.0575%
1965	2.406478	0.415545	1.1300%
1964	2.379589	0.420241	1.5537%
1963	2.343184	0.426770	1.4658%
1962	2.309333	0.433025	1.5364%
1961	2.274388	0.439679	2.1586%
1960	2.226330	0.449170	-1.6655%
1959	2.264037	0.441689	4.3080%
1958	2.170531	0.460717	2.1130%
1957	2.125617	0.470452	1.9895%
1956	2.084153	0.479811	2.1231%
1955	2.040825	0.489998	1.4496%
1954	2.011663	0.497101	2.1573%
1953	1.969183	0.507825	1.2298%
1952	1.945261	0.514070	1.6814%
1951	1.913095	0.522713	1.6233%
1950	1.882536	0.531198	1.4265%
1949	1.856059	0.538776	1.7790%
1948	1.823616	0.548361	1.8242%
1947	1.790946	0.558364	-2.6320%
1946	1.839359	0.543668	3.1768%
1945	1.782725	0.560939	6.4754%
1944	1.674307	0.597262	-0.3437%
1943	1.680081	0.595209	0.6562%
1942	1.669128	0.599115	0.6633%
1941	1.658129	0.603089	-5.6614%
1940	1.757637	0.568946	8.0381%
1939	1.626867	0.614678	0.8126%
1938	1.613753	0.619673	0.7762%
1937	1.601323	0.624484	0.6029%
1936	1.591727	0.628248	0.5244%
1935	1.583424	0.631543	-3.0364%
1934	1.633008	0.612367	4.6271%
1933	1.560788	0.640702	1.3921%
1932	1.539358	0.649621	-0.2051%
1931	1.542522	0.648289	0.8886%
1930	1.528936	0.654050	1.0126%
1929	1.513609	0.660672	1.1526%
1928	1.496362	0.668287	1.2160%
1927	1.478385	0.676414	1.4086%
1926	1.457850	0.685942	1.7667%

1925	1.432542	0.698060	1.4465%
1924	1.412115	0.708157	1.7700%
1923	1.387556	0.720692	1.6165%
1922	1.365483	0.732342	1.3736%
1921	1.346980	0.742402	2.3393%
1920	1.316190	0.759769	1.3140%
1919	1.299120	0.769752	0.7676%
1918	1.289223	0.775661	0.3870%
1917	1.284253	0.778663	1.3274%
1916	1.267429	0.788999	1.4083%
1915	1.249828	0.800110	1.4458%
1914	1.232015	0.811678	1.9424%
1913	1.208541	0.827444	1.9857%
1912	1.185010	0.843875	1.5634%
1911	1.166769	0.857068	1.8169%
1910	1.145948	0.872640	1.8781%
1909	1.124823	0.889029	2.0082%
1908	1.102679	0.906883	1.9603%
1907	1.081479	0.924660	1.8264%
1906	1.062082	0.941547	1.9357%
1905	1.041913	0.959773	2.0148%
1904	1.021335	0.979110	2.1335%
1903	1.000000	1.000000	1.8151%
1902	0.982172	1.018151	1.8943%
1901	0.963912	1.037439	3.0255%
1900	0.935606	1.068827	0.6278%
1899	0.929768	1.075537	1.7757%
1898	0.913547	1.094635	1.8078%
1897	0.897325	1.114423	1.8396%
1896	0.881116	1.134924	1.8755%
1895	0.864895	1.156210	1.9114%
1894	0.848673	1.178310	1.9486%
1893	0.832452	1.201271	1.9858%
1892	0.816243	1.225126	2.0276%
1891	0.800021	1.249967	2.6465%
1890	0.779395	1.283047	1.5328%
1889	0.767628	1.302714	2.0811%
1888	0.751979	1.329825	2.1599%
1887	0.736080	1.358547	2.2075%
1886	0.720182	1.388538	2.2592%
1885	0.704271	1.419907	2.3095%
1884	0.688373	1.452700	2.3641%
1883	0.672475	1.487044	2.4214%
1882	0.656577	1.523051	2.4815%
1881	0.640678	1.560845	3.7644%
1880	0.617436	1.619602	0.9432%
1879	0.611666	1.634878	2.1464%
1878	0.598813	1.669969	2.1913%
1877	0.585973	1.706563	2.2426%
1876	0.573120	1.744835	2.2941%
1875	0.560267	1.784862	2.3456%
1874	0.547427	1.826728	2.4043%
1873	0.534574	1.870648	2.4635%

1872	0.521721	1.916733	2.5258%
1871	0.508868	1.965145	5.9947%
1870	0.480089	2.082949	-1.0968%
1869	0.485413	2.060103	2.1930%
1868	0.474996	2.105281	2.2394%
1867	0.464592	2.152427	2.2935%
1866	0.454175	2.201793	2.3445%
1865	0.443771	2.253413	2.4037%
1864	0.433355	2.307578	2.4599%
1863	0.422951	2.364342	2.5250%
1862	0.412534	2.424042	2.5872%
1861	0.402130	2.486758	2.9504%
1860	0.390606	2.560127	2.4012%
1859	0.381446	2.621602	2.7627%
1858	0.371191	2.694029	2.8412%
1857	0.360936	2.770572	2.9243%
1856	0.350681	2.851591	3.0161%
1855	0.340414	2.937599	3.1061%
1854	0.330159	3.028843	3.2056%
1853	0.319904	3.125936	3.3118%
1852	0.309649	3.229461	3.4252%
1851	0.299394	3.340077	4.0106%
1850	0.287850	3.474034	2.3254%
1849	0.281308	3.554818	2.7841%
1848	0.273689	3.653788	2.8590%
1847	0.266081	3.758250	2.9432%
1846	0.258474	3.868861	3.0324%
1845	0.250867	3.986181	3.1325%
1844	0.243247	4.111048	3.2284%
1843	0.235640	4.243767	3.3361%
1842	0.228032	4.385342	3.4512%
1841	0.220425	4.536688	3.8105%
1840	0.212334	4.709558	2.3861%
1839	0.207386	4.821931	2.5824%
1838	0.202165	4.946452	2.6573%
1837	0.196932	5.077895	2.7232%
1836	0.191711	5.216177	2.7994%
1835	0.186491	5.362201	2.8871%
1834	0.181257	5.517014	2.9657%
1833	0.176037	5.680631	3.0563%
1832	0.170816	5.854250	3.1604%
1831	0.165583	6.039269	3.4660%
1830	0.160036	6.248588	2.4653%
1829	0.156186	6.402634	2.6804%
1828	0.152109	6.574250	10.3427%
1827	0.137851	7.254202	-4.2314%
1826	0.143942	6.947245	2.9150%
1825	0.139865	7.149760	3.0026%
1824	0.135788	7.364436	3.0955%
1823	0.131711	7.592403	3.1944%
1822	0.127634	7.834933	3.3102%
1821	0.123544	8.094285	3.2277%
1820	0.119681	8.355547	2.6573%

1819	0.116583	8.577577	2.6261%
1818	0.113600	8.802834	2.6969%
1817	0.110617	9.040240	2.7717%
1816	0.107633	9.290807	2.8507%
1815	0.104650	9.555659	2.9343%
1814	0.101667	9.836055	3.0231%
1813	0.098684	10.133404	3.1039%
1812	0.095713	10.447935	3.2172%
1811	0.092729	10.784061	3.0969%
1810	0.089944	11.118034	2.9144%
1809	0.087397	11.442056	2.8225%
1808	0.084998	11.765004	2.9199%
1807	0.082586	12.108534	2.9918%
1806	0.080187	12.470795	3.0841%
1805	0.077788	12.855401	3.1822%
1804	0.075389	13.264484	3.2868%
1803	0.072990	13.700459	3.3985%
1802	0.070591	14.166067	3.5180%
1801	0.068192	14.664436	3.3999%
1800	0.065950	15.163019	2.8419%
1799	0.064128	15.593932	2.7485%
1798	0.062412	16.022525	2.8261%
1797	0.060697	16.475342	3.7832%
1796	0.058484	17.098639	2.1272%
1795	0.057266	17.462361	3.0879%
1794	0.055551	18.001588	3.1625%
1793	0.053848	18.570890	3.2904%
1792	0.052132	19.181950	3.4024%
1791	0.050417	19.834590	3.2296%
1790	0.048840	20.475161	41.3145%
1780	0.034561	28.934361	29.4353%
1770	0.026701	37.451281	83.4728%
1750	0.014553	68.712929	29.2845%
1740	0.011257	88.835134	94.2514%
1720	0.005795	172.563486	85.8111%
1700	0.003119	320.642077	19.2490%
1690	0.002615	382.362628	88.0250%
1670	0.001391	718.937417	

BASE YEAR: 1902

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.814857	0.262133	8.2857%
2001	3.522956	0.283853	1.0000%
2000	3.488075	0.286691	1.0000%
1999	3.453540	0.289558	1.0000%
1998	3.419346	0.292454	1.0000%
1997	3.385491	0.295378	1.0000%
1996	3.351972	0.298332	1.0000%
1995	3.318784	0.301315	0.9992%
1994	3.285950	0.304326	1.0008%
1993	3.253391	0.307372	1.0000%

1992	3.221179	0.310445	0.9295%
1991	3.191514	0.313331	1.2505%
1990	3.152096	0.317249	0.7224%
1989	3.129487	0.319541	1.1077%
1988	3.095203	0.323081	0.8834%
1987	3.068100	0.325935	0.5594%
1986	3.051034	0.327758	1.3056%
1985	3.011712	0.332037	0.7673%
1984	2.988780	0.334585	0.8149%
1983	2.964620	0.337311	0.9737%
1982	2.936030	0.340596	0.9508%
1981	2.908377	0.343834	0.9031%
1980	2.882348	0.346939	2.2701%
1979	2.818369	0.354815	1.0042%
1978	2.790349	0.358378	0.9896%
1977	2.763006	0.361925	0.9103%
1976	2.738080	0.365219	0.8394%
1975	2.715287	0.368285	0.9042%
1974	2.690956	0.371615	1.1568%
1973	2.660183	0.375914	0.9427%
1972	2.635340	0.379458	0.7426%
1971	2.615913	0.382276	1.4697%
1970	2.578023	0.387894	0.6968%
1969	2.560183	0.390597	0.8565%
1968	2.538440	0.393943	1.5090%
1967	2.500704	0.399887	0.9949%
1966	2.476069	0.403866	1.0575%
1965	2.450159	0.408137	1.1300%
1964	2.422782	0.412749	1.5537%
1963	2.385716	0.419161	1.4658%
1962	2.351251	0.425306	1.5364%
1961	2.315672	0.431840	2.1586%
1960	2.266741	0.441162	-1.6655%
1959	2.305133	0.433814	4.3080%
1958	2.209929	0.452503	2.1130%
1957	2.164201	0.462064	1.9895%
1956	2.121984	0.471257	2.1231%
1955	2.077869	0.481262	1.4496%
1954	2.048178	0.488239	2.1573%
1953	2.004927	0.498771	1.2298%
1952	1.980571	0.504905	1.6814%
1951	1.947820	0.513394	1.6233%
1950	1.916707	0.521728	1.4265%
1949	1.889749	0.529171	1.7790%
1948	1.856717	0.538585	1.8242%
1947	1.823454	0.548410	-2.6320%
1946	1.872746	0.533975	3.1768%
1945	1.815084	0.550939	6.4754%
1944	1.704698	0.586614	-0.3437%
1943	1.710577	0.584598	0.6562%
1942	1.699425	0.588434	0.6633%
1941	1.688227	0.592337	-5.6614%
1940	1.789540	0.558803	8.0381%

1939	1.656397	0.603720	0.8126%
1938	1.643045	0.608626	0.7762%
1937	1.630390	0.613350	0.6029%
1936	1.620619	0.617048	0.5244%
1935	1.612165	0.620284	-3.0364%
1934	1.662649	0.601450	4.6271%
1933	1.589119	0.629280	1.3921%
1932	1.567300	0.638040	-0.2051%
1931	1.570521	0.636731	0.8886%
1930	1.556688	0.642389	1.0126%
1929	1.541084	0.648894	1.1526%
1928	1.523524	0.656373	1.2160%
1927	1.505220	0.664355	1.4086%
1926	1.484312	0.673713	1.7667%
1925	1.458544	0.685615	1.4465%
1924	1.437747	0.695533	1.7700%
1923	1.412742	0.707843	1.6165%
1922	1.390268	0.719286	1.3736%
1921	1.371430	0.729166	2.3393%
1920	1.340081	0.746224	1.3140%
1919	1.322701	0.756029	0.7676%
1918	1.312624	0.761833	0.3870%
1917	1.307564	0.764781	1.3274%
1916	1.290434	0.774933	1.4083%
1915	1.272514	0.785846	1.4458%
1914	1.254378	0.797208	1.9424%
1913	1.230477	0.812693	1.9857%
1912	1.206520	0.828830	1.5634%
1911	1.187947	0.841788	1.8169%
1910	1.166749	0.857083	1.8781%
1909	1.145240	0.873179	2.0082%
1908	1.122694	0.890715	1.9603%
1907	1.101109	0.908175	1.8264%
1906	1.081360	0.924761	1.9357%
1905	1.060826	0.942662	2.0148%
1904	1.039874	0.961655	2.1335%
1903	1.018151	0.982172	1.8151%
1902	1.000000	1.000000	1.8943%
1901	0.981409	1.018943	3.0255%
1900	0.952588	1.049772	0.6278%
1899	0.946645	1.056363	1.7757%
1898	0.930129	1.075120	1.8078%
1897	0.913613	1.094555	1.8396%
1896	0.897110	1.114691	1.8755%
1895	0.880594	1.135597	1.9114%
1894	0.864078	1.157303	1.9486%
1893	0.847562	1.179855	1.9858%
1892	0.831059	1.203284	2.0276%
1891	0.814543	1.227682	2.6465%
1890	0.793542	1.260173	1.5328%
1889	0.781562	1.279489	2.0811%
1888	0.765628	1.306117	2.1599%
1887	0.749441	1.334327	2.2075%

1886	0.733254	1.363783	2.2592%
1885	0.717055	1.394593	2.3095%
1884	0.700868	1.426802	2.3641%
1883	0.684681	1.460533	2.4214%
1882	0.668495	1.495899	2.4815%
1881	0.652308	1.533019	3.7644%
1880	0.628643	1.590728	0.9432%
1879	0.622769	1.605732	2.1464%
1878	0.609683	1.640197	2.1913%
1877	0.596609	1.676139	2.2426%
1876	0.583523	1.713728	2.2941%
1875	0.570437	1.753042	2.3456%
1874	0.557364	1.794161	2.4043%
1873	0.544277	1.837298	2.4635%
1872	0.531191	1.882561	2.5258%
1871	0.518105	1.930110	5.9947%
1870	0.488803	2.045814	-1.0968%
1869	0.494223	2.023376	2.1930%
1868	0.483618	2.067748	2.2394%
1867	0.473025	2.114053	2.2935%
1866	0.462419	2.162539	2.3445%
1865	0.451826	2.213239	2.4037%
1864	0.441221	2.266439	2.4599%
1863	0.430628	2.322191	2.5250%
1862	0.420022	2.380826	2.5872%
1861	0.409429	2.442424	2.9504%
1860	0.397696	2.514485	2.4012%
1859	0.388370	2.574864	2.7627%
1858	0.377929	2.646000	2.8412%
1857	0.367488	2.721178	2.9243%
1856	0.357047	2.800754	3.0161%
1855	0.346593	2.885228	3.1061%
1854	0.336152	2.974845	3.2056%
1853	0.325711	3.070207	3.3118%
1852	0.315270	3.171886	3.4252%
1851	0.304829	3.280531	4.0106%
1850	0.293075	3.412100	2.3254%
1849	0.286414	3.491444	2.7841%
1848	0.278656	3.588648	2.8590%
1847	0.270911	3.691248	2.9432%
1846	0.263166	3.799887	3.0324%
1845	0.255420	3.915115	3.1325%
1844	0.247662	4.037757	3.2284%
1843	0.239917	4.168110	3.3361%
1842	0.232172	4.307160	3.4512%
1841	0.224426	4.455809	3.8105%
1840	0.216188	4.625597	2.3861%
1839	0.211150	4.735966	2.5824%
1838	0.205835	4.858267	2.6573%
1837	0.200507	4.987367	2.7232%
1836	0.195191	5.123183	2.7994%
1835	0.189876	5.266604	2.8871%
1834	0.184548	5.418657	2.9657%

1833	0.179232	5.579357	3.0563%
1832	0.173917	5.749881	3.1604%
1831	0.168589	5.931601	3.4660%
1830	0.162941	6.137188	2.4653%
1829	0.159021	6.288489	2.6804%
1828	0.154870	6.457045	10.3427%
1827	0.140353	7.124875	-4.2314%
1826	0.146555	6.823390	2.9150%
1825	0.142404	7.022295	3.0026%
1824	0.138252	7.233143	3.0955%
1823	0.134101	7.457046	3.1944%
1822	0.129950	7.695253	3.3102%
1821	0.125786	7.949981	3.2277%
1820	0.121853	8.206585	2.6573%
1819	0.118699	8.424657	2.6261%
1818	0.115662	8.645898	2.6969%
1817	0.112624	8.879072	2.7717%
1816	0.109587	9.125171	2.8507%
1815	0.106550	9.385302	2.9343%
1814	0.103512	9.660699	3.0231%
1813	0.100475	9.952747	3.1039%
1812	0.097450	10.261670	3.2172%
1811	0.094413	10.591804	3.0969%
1810	0.091577	10.919823	2.9144%
1809	0.088983	11.238068	2.8225%
1808	0.086541	11.555259	2.9199%
1807	0.084085	11.892664	2.9918%
1806	0.081643	12.248467	3.0841%
1805	0.079200	12.626216	3.1822%
1804	0.076758	13.028006	3.2868%
1803	0.074315	13.456209	3.3985%
1802	0.071873	13.913516	3.5180%
1801	0.069430	14.403000	3.3999%
1800	0.067147	14.892695	2.8419%
1799	0.065292	15.315925	2.7485%
1798	0.063545	15.736877	2.8261%
1797	0.061799	16.181622	3.7832%
1796	0.059546	16.793806	2.1272%
1795	0.058305	17.151044	3.0879%
1794	0.056559	17.680658	3.1625%
1793	0.054825	18.239810	3.2904%
1792	0.053079	18.839976	3.4024%
1791	0.051332	19.480981	3.2296%
1790	0.049726	20.110132	41.3145%
1780	0.035188	28.418522	29.4353%
1770	0.027186	36.783604	83.4728%
1750	0.014817	67.487922	29.2845%
1740	0.011461	87.251390	94.2514%
1720	0.005900	169.487042	85.8111%
1700	0.003175	314.925703	19.2490%
1690	0.002663	375.545908	88.0250%
1670	0.001416	706.120277	

BASE YEAR: 1901

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	3.887123	0.257260	8.2857%
2001	3.589693	0.278575	1.0000%
2000	3.554152	0.281361	1.0000%
1999	3.518962	0.284175	1.0000%
1998	3.484121	0.287016	1.0000%
1997	3.449624	0.289887	1.0000%
1996	3.415470	0.292785	1.0000%
1995	3.381653	0.295713	0.9992%
1994	3.348197	0.298668	1.0008%
1993	3.315021	0.301657	1.0000%
1992	3.282199	0.304674	0.9295%
1991	3.251972	0.307506	1.2505%
1990	3.211808	0.311351	0.7224%
1989	3.188771	0.313600	1.1077%
1988	3.153837	0.317074	0.8834%
1987	3.126221	0.319875	0.5594%
1986	3.108831	0.321664	1.3056%
1985	3.068764	0.325864	0.7673%
1984	3.045398	0.328364	0.8149%
1983	3.020780	0.331040	0.9737%
1982	2.991649	0.334264	0.9508%
1981	2.963472	0.337442	0.9031%
1980	2.936949	0.340489	2.2701%
1979	2.871758	0.348219	1.0042%
1978	2.843208	0.351715	0.9896%
1977	2.815347	0.355196	0.9103%
1976	2.789949	0.358430	0.8394%
1975	2.766724	0.361438	0.9042%
1974	2.741932	0.364706	1.1568%
1973	2.710576	0.368925	0.9427%
1972	2.685262	0.372403	0.7426%
1971	2.665468	0.375169	1.4697%
1970	2.626860	0.380683	0.6968%
1969	2.608682	0.383335	0.8565%
1968	2.586527	0.386619	1.5090%
1967	2.548076	0.392453	0.9949%
1966	2.522974	0.396358	1.0575%
1965	2.496574	0.400549	1.1300%
1964	2.468678	0.405075	1.5537%
1963	2.430910	0.411369	1.4658%
1962	2.395792	0.417399	1.5364%
1961	2.359539	0.423812	2.1586%
1960	2.309681	0.432960	-1.6655%
1959	2.348800	0.425749	4.3080%
1958	2.251793	0.444091	2.1130%
1957	2.205198	0.453474	1.9895%
1956	2.162182	0.462496	2.1231%
1955	2.117231	0.472315	1.4496%
1954	2.086978	0.479162	2.1573%

1953	2.042907	0.489499	1.2298%
1952	2.018089	0.495518	1.6814%
1951	1.984719	0.503850	1.6233%
1950	1.953016	0.512029	1.4265%
1949	1.925547	0.519333	1.7790%
1948	1.891890	0.528572	1.8242%
1947	1.857997	0.538214	-2.6320%
1946	1.908222	0.524048	3.1768%
1945	1.849468	0.540696	6.4754%
1944	1.736991	0.575708	-0.3437%
1943	1.742981	0.573730	0.6562%
1942	1.731618	0.577495	0.6633%
1941	1.720208	0.581325	-5.6614%
1940	1.823440	0.548414	8.0381%
1939	1.687775	0.592496	0.8126%
1938	1.674170	0.597311	0.7762%
1937	1.661275	0.601947	0.6029%
1936	1.651319	0.605576	0.5244%
1935	1.642705	0.608752	-3.0364%
1934	1.694146	0.590268	4.6271%
1933	1.619222	0.617580	1.3921%
1932	1.596990	0.626178	-0.2051%
1931	1.600272	0.624894	0.8886%
1930	1.586177	0.630446	1.0126%
1929	1.570277	0.636830	1.1526%
1928	1.552384	0.644170	1.2160%
1927	1.533734	0.652003	1.4086%
1926	1.512430	0.661187	1.7667%
1925	1.486174	0.672869	1.4465%
1924	1.464983	0.682602	1.7700%
1923	1.439504	0.694684	1.6165%
1922	1.416605	0.705913	1.3736%
1921	1.397409	0.715610	2.3393%
1920	1.365467	0.732350	1.3140%
1919	1.347757	0.741973	0.7676%
1918	1.337490	0.747669	0.3870%
1917	1.332334	0.750563	1.3274%
1916	1.314880	0.760526	1.4083%
1915	1.296620	0.771236	1.4458%
1914	1.278140	0.782387	1.9424%
1913	1.253787	0.797584	1.9857%
1912	1.229376	0.813421	1.5634%
1911	1.210451	0.826138	1.8169%
1910	1.188851	0.841148	1.8781%
1909	1.166935	0.856946	2.0082%
1908	1.143962	0.874155	1.9603%
1907	1.121968	0.891291	1.8264%
1906	1.101845	0.907569	1.9357%
1905	1.080922	0.925137	2.0148%
1904	1.059573	0.943777	2.1335%
1903	1.037439	0.963912	1.8151%
1902	1.018943	0.981409	1.8943%
1901	1.000000	1.000000	3.0255%

1900	0.970633	1.030255	0.6278%
1899	0.964577	1.036723	1.7757%
1898	0.947749	1.055132	1.8078%
1897	0.930920	1.074206	1.8396%
1896	0.914104	1.093967	1.8755%
1895	0.897275	1.114485	1.9114%
1894	0.880447	1.135787	1.9486%
1893	0.863618	1.157920	1.9858%
1892	0.846802	1.180914	2.0276%
1891	0.829973	1.204858	2.6465%
1890	0.808574	1.236745	1.5328%
1889	0.796367	1.255702	2.0811%
1888	0.780132	1.281835	2.1599%
1887	0.763638	1.309520	2.2075%
1886	0.747145	1.338428	2.2592%
1885	0.730639	1.368666	2.3095%
1884	0.714145	1.400276	2.3641%
1883	0.697652	1.433380	2.4214%
1882	0.681158	1.468088	2.4815%
1881	0.664665	1.504518	3.7644%
1880	0.640552	1.561154	0.9432%
1879	0.634566	1.575879	2.1464%
1878	0.621232	1.609704	2.1913%
1877	0.607911	1.644977	2.2426%
1876	0.594577	1.681868	2.2941%
1875	0.581243	1.720451	2.3456%
1874	0.567922	1.760805	2.4043%
1873	0.554588	1.803141	2.4635%
1872	0.541254	1.847562	2.5258%
1871	0.527920	1.894227	5.9947%
1870	0.498063	2.007780	-1.0968%
1869	0.503586	1.985759	2.1930%
1868	0.492779	2.029306	2.2394%
1867	0.481986	2.074750	2.2935%
1866	0.471179	2.122335	2.3445%
1865	0.460386	2.172092	2.4037%
1864	0.449579	2.224303	2.4599%
1863	0.438785	2.279018	2.5250%
1862	0.427979	2.336564	2.5872%
1861	0.417185	2.397016	2.9504%
1860	0.405229	2.467738	2.4012%
1859	0.395727	2.526994	2.7627%
1858	0.385088	2.596808	2.8412%
1857	0.374449	2.670588	2.9243%
1856	0.363810	2.748684	3.0161%
1855	0.353159	2.831588	3.1061%
1854	0.342520	2.919539	3.2056%
1853	0.331881	3.013128	3.3118%
1852	0.321242	3.112917	3.4252%
1851	0.310603	3.219541	4.0106%
1850	0.298627	3.348664	2.3254%
1849	0.291840	3.426533	2.7841%
1848	0.283935	3.521931	2.8590%

1847	0.276043	3.622623	2.9432%
1846	0.268151	3.729243	3.0324%
1845	0.260259	3.842328	3.1325%
1844	0.252354	3.962689	3.2284%
1843	0.244462	4.090619	3.3361%
1842	0.236570	4.227085	3.4512%
1841	0.228678	4.372970	3.8105%
1840	0.220284	4.539601	2.3861%
1839	0.215150	4.647918	2.5824%
1838	0.209734	4.767946	2.6573%
1837	0.204305	4.894646	2.7232%
1836	0.198889	5.027937	2.7994%
1835	0.193473	5.168691	2.8871%
1834	0.188044	5.317917	2.9657%
1833	0.182627	5.475630	3.0563%
1832	0.177211	5.642983	3.1604%
1831	0.171782	5.821325	3.4660%
1830	0.166028	6.023090	2.4653%
1829	0.162033	6.171577	2.6804%
1828	0.157803	6.337000	10.3427%
1827	0.143012	6.992414	-4.2314%
1826	0.149331	6.696535	2.9150%
1825	0.145101	6.891741	3.0026%
1824	0.140871	7.098670	3.0955%
1823	0.136642	7.318410	3.1944%
1822	0.132412	7.552188	3.3102%
1821	0.128169	7.802180	3.2277%
1820	0.124162	8.054014	2.6573%
1819	0.120948	8.268032	2.6261%
1818	0.117853	8.485159	2.6969%
1817	0.114758	8.713998	2.7717%
1816	0.111663	8.955523	2.8507%
1815	0.108568	9.210817	2.9343%
1814	0.105473	9.481094	3.0231%
1813	0.102378	9.767713	3.1039%
1812	0.099296	10.070892	3.2172%
1811	0.096201	10.394889	3.0969%
1810	0.093311	10.716810	2.9144%
1809	0.090669	11.029138	2.8225%
1808	0.088180	11.340431	2.9199%
1807	0.085678	11.671564	2.9918%
1806	0.083189	12.020752	3.0841%
1805	0.080701	12.391478	3.1822%
1804	0.078212	12.785799	3.2868%
1803	0.075723	13.206041	3.3985%
1802	0.073234	13.654846	3.5180%
1801	0.070745	14.135230	3.3999%
1800	0.068419	14.615820	2.8419%
1799	0.066528	15.031182	2.7485%
1798	0.064749	15.444308	2.8261%
1797	0.062969	15.880784	3.7832%
1796	0.060674	16.481588	2.1272%
1795	0.059410	16.832184	3.0879%

1794	0.057630	17.351951	3.1625%
1793	0.055864	17.900709	3.2904%
1792	0.054084	18.489716	3.4024%
1791	0.052305	19.118804	3.2296%
1790	0.050668	19.736258	41.3145%
1780	0.035855	27.890185	29.4353%
1770	0.027701	36.099749	83.4728%
1750	0.015098	66.233234	29.2845%
1740	0.011678	85.629273	94.2514%
1720	0.006012	166.336057	85.8111%
1700	0.003236	309.070825	19.2490%
1690	0.002713	368.564021	88.0250%
1670	0.001443	692.992583	

BASE YEAR: 1900

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.004728	0.249705	8.2857%
2001	3.698300	0.270395	1.0000%
2000	3.661682	0.273099	1.0000%
1999	3.625428	0.275829	1.0000%
1998	3.589533	0.278588	1.0000%
1997	3.553993	0.281374	1.0000%
1996	3.518805	0.284187	1.0000%
1995	3.483965	0.287029	0.9992%
1994	3.449497	0.289897	1.0008%
1993	3.415317	0.292799	1.0000%
1992	3.381502	0.295727	0.9295%
1991	3.350360	0.298475	1.2505%
1990	3.308981	0.302208	0.7224%
1989	3.285247	0.304391	1.1077%
1988	3.249256	0.307763	0.8834%
1987	3.220804	0.310481	0.5594%
1986	3.202889	0.312218	1.3056%
1985	3.161610	0.316295	0.7673%
1984	3.137536	0.318721	0.8149%
1983	3.112174	0.321319	0.9737%
1982	3.082161	0.324448	0.9508%
1981	3.053132	0.327533	0.9031%
1980	3.025807	0.330490	2.2701%
1979	2.958643	0.337993	1.0042%
1978	2.929229	0.341387	0.9896%
1977	2.900525	0.344765	0.9103%
1976	2.874359	0.347904	0.8394%
1975	2.850431	0.350824	0.9042%
1974	2.824889	0.353996	1.1568%
1973	2.792585	0.358091	0.9427%
1972	2.766505	0.361467	0.7426%
1971	2.746111	0.364151	1.4697%
1970	2.706335	0.369503	0.6968%
1969	2.687607	0.372078	0.8565%
1968	2.664783	0.375265	1.5090%

1967	2.625168	0.380928	0.9949%
1966	2.599307	0.384718	1.0575%
1965	2.572108	0.388786	1.1300%
1964	2.543367	0.393180	1.5537%
1963	2.504457	0.399288	1.4658%
1962	2.468276	0.405141	1.5364%
1961	2.430927	0.411366	2.1586%
1960	2.379561	0.420246	-1.6655%
1959	2.419863	0.413247	4.3080%
1958	2.319921	0.431049	2.1130%
1957	2.271916	0.440157	1.9895%
1956	2.227598	0.448914	2.1231%
1955	2.181288	0.458445	1.4496%
1954	2.150119	0.465090	2.1573%
1953	2.104715	0.475124	1.2298%
1952	2.079147	0.480967	1.6814%
1951	2.044767	0.489053	1.6233%
1950	2.012105	0.496992	1.4265%
1949	1.983805	0.504082	1.7790%
1948	1.949129	0.513050	1.8242%
1947	1.914211	0.522409	-2.6320%
1946	1.965955	0.508659	3.1768%
1945	1.905424	0.524818	6.4754%
1944	1.789544	0.558802	-0.3437%
1943	1.795715	0.556881	0.6562%
1942	1.784008	0.560536	0.6633%
1941	1.772253	0.564254	-5.6614%
1940	1.878609	0.532309	8.0381%
1939	1.738839	0.575096	0.8126%
1938	1.724822	0.579770	0.7762%
1937	1.711537	0.584270	0.6029%
1936	1.701280	0.587793	0.5244%
1935	1.692405	0.590875	-3.0364%
1934	1.745402	0.572934	4.6271%
1933	1.668212	0.599444	1.3921%
1932	1.645307	0.607789	-0.2051%
1931	1.648688	0.606543	0.8886%
1930	1.634167	0.611932	1.0126%
1929	1.617786	0.618129	1.1526%
1928	1.599352	0.625253	1.2160%
1927	1.580137	0.632856	1.4086%
1926	1.558189	0.641771	1.7667%
1925	1.531139	0.653109	1.4465%
1924	1.509306	0.662556	1.7700%
1923	1.483057	0.674283	1.6165%
1922	1.459464	0.685183	1.3736%
1921	1.439688	0.694595	2.3393%
1920	1.406779	0.710844	1.3140%
1919	1.388534	0.720184	0.7676%
1918	1.377956	0.725713	0.3870%
1917	1.372644	0.728521	1.3274%
1916	1.354662	0.738192	1.4083%
1915	1.335849	0.748588	1.4458%

1914	1.316810	0.759411	1.9424%
1913	1.291720	0.774161	1.9857%
1912	1.266570	0.789534	1.5634%
1911	1.247074	0.801877	1.8169%
1910	1.224820	0.816447	1.8781%
1909	1.202241	0.831780	2.0082%
1908	1.178572	0.848484	1.9603%
1907	1.155913	0.865117	1.8264%
1906	1.135181	0.880917	1.9357%
1905	1.113625	0.897969	2.0148%
1904	1.091630	0.916061	2.1335%
1903	1.068827	0.935606	1.8151%
1902	1.049772	0.952588	1.8943%
1901	1.030255	0.970633	3.0255%
1900	1.000000	1.000000	0.6278%
1899	0.993761	1.006278	1.7757%
1898	0.976423	1.024146	1.8078%
1897	0.959085	1.042660	1.8396%
1896	0.941760	1.061841	1.8755%
1895	0.924422	1.081757	1.9114%
1894	0.907085	1.102433	1.9486%
1893	0.889747	1.123915	1.9858%
1892	0.872422	1.146234	2.0276%
1891	0.855084	1.169476	2.6465%
1890	0.833038	1.200426	1.5328%
1889	0.820461	1.218826	2.0811%
1888	0.803735	1.244192	2.1599%
1887	0.786742	1.271064	2.2075%
1886	0.769750	1.299124	2.2592%
1885	0.752744	1.328473	2.3095%
1884	0.735752	1.359155	2.3641%
1883	0.718759	1.391287	2.4214%
1882	0.701767	1.424975	2.4815%
1881	0.684774	1.460336	3.7644%
1880	0.659932	1.515308	0.9432%
1879	0.653765	1.529601	2.1464%
1878	0.640028	1.562432	2.1913%
1877	0.626304	1.596670	2.2426%
1876	0.612566	1.632477	2.2941%
1875	0.598829	1.669927	2.3456%
1874	0.585104	1.709097	2.4043%
1873	0.571367	1.750189	2.4635%
1872	0.557629	1.793305	2.5258%
1871	0.543892	1.838600	5.9947%
1870	0.513131	1.948818	-1.0968%
1869	0.518822	1.927444	2.1930%
1868	0.507688	1.969712	2.2394%
1867	0.496568	2.013822	2.2935%
1866	0.485435	2.060009	2.3445%
1865	0.474315	2.108306	2.4037%
1864	0.463181	2.158983	2.4599%
1863	0.452061	2.212091	2.5250%
1862	0.440927	2.267947	2.5872%

1861	0.429807	2.326624	2.9504%
1860	0.417490	2.395269	2.4012%
1859	0.407700	2.452785	2.7627%
1858	0.396739	2.520548	2.8412%
1857	0.385778	2.592162	2.9243%
1856	0.374818	2.667965	3.0161%
1855	0.363844	2.748434	3.1061%
1854	0.352883	2.833802	3.2056%
1853	0.341922	2.924643	3.3118%
1852	0.330961	3.021501	3.4252%
1851	0.320001	3.124995	4.0106%
1850	0.307661	3.250326	2.3254%
1849	0.300670	3.325908	2.7841%
1848	0.292526	3.418504	2.8590%
1847	0.284395	3.516239	2.9432%
1846	0.276264	3.619728	3.0324%
1845	0.268133	3.729493	3.1325%
1844	0.259989	3.846319	3.2284%
1843	0.251858	3.970492	3.3361%
1842	0.243727	4.102950	3.4512%
1841	0.235596	4.244551	3.8105%
1840	0.226948	4.406289	2.3861%
1839	0.221659	4.511425	2.5824%
1838	0.216079	4.627928	2.6573%
1837	0.210486	4.750907	2.7232%
1836	0.204906	4.880284	2.7994%
1835	0.199326	5.016904	2.8871%
1834	0.193733	5.161749	2.9657%
1833	0.188153	5.314830	3.0563%
1832	0.182573	5.477268	3.1604%
1831	0.176979	5.650373	3.4660%
1830	0.171051	5.846213	2.4653%
1829	0.166935	5.990340	2.6804%
1828	0.162578	6.150904	10.3427%
1827	0.147339	6.787071	-4.2314%
1826	0.153849	6.499881	2.9150%
1825	0.149491	6.689355	3.0026%
1824	0.145134	6.890207	3.0955%
1823	0.140776	7.103494	3.1944%
1822	0.136418	7.330407	3.3102%
1821	0.132047	7.573057	3.2277%
1820	0.127918	7.817496	2.6573%
1819	0.124607	8.025228	2.6261%
1818	0.121418	8.235980	2.6969%
1817	0.118230	8.458098	2.7717%
1816	0.115041	8.692530	2.8507%
1815	0.111853	8.940328	2.9343%
1814	0.108664	9.202668	3.0231%
1813	0.105476	9.480869	3.1039%
1812	0.102300	9.775145	3.2172%
1811	0.099112	10.089627	3.0969%
1810	0.096134	10.402094	2.9144%
1809	0.093412	10.705251	2.8225%

1808	0.090848	11.007402	2.9199%
1807	0.088271	11.328811	2.9918%
1806	0.085706	11.667744	3.0841%
1805	0.083142	12.027584	3.1822%
1804	0.080578	12.410324	3.2868%
1803	0.078014	12.818225	3.3985%
1802	0.075450	13.253851	3.5180%
1801	0.072886	13.720127	3.3999%
1800	0.070489	14.186604	2.8419%
1799	0.068541	14.589769	2.7485%
1798	0.066708	14.990762	2.8261%
1797	0.064874	15.414421	3.7832%
1796	0.062509	15.997581	2.1272%
1795	0.061207	16.337881	3.0879%
1794	0.059374	16.842385	3.1625%
1793	0.057554	17.375027	3.2904%
1792	0.055720	17.946738	3.4024%
1791	0.053887	18.557352	3.2296%
1790	0.052201	19.156673	41.3145%
1780	0.036940	27.071147	29.4353%
1770	0.028539	35.039625	83.4728%
1750	0.015555	64.288194	29.2845%
1740	0.012032	83.114640	94.2514%
1720	0.006194	161.451347	85.8111%
1700	0.003333	299.994492	19.2490%
1690	0.002795	357.740580	88.0250%
1670	0.001487	672.641805	

BASE YEAR: 1899

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.029871	0.248147	8.2857%
2001	3.721519	0.268707	1.0000%
2000	3.684672	0.271395	1.0000%
1999	3.648190	0.274109	1.0000%
1998	3.612069	0.276850	1.0000%
1997	3.576306	0.279618	1.0000%
1996	3.540897	0.282414	1.0000%
1995	3.505839	0.285238	0.9992%
1994	3.471154	0.288089	1.0008%
1993	3.436760	0.290972	1.0000%
1992	3.402733	0.293881	0.9295%
1991	3.371395	0.296613	1.2505%
1990	3.329756	0.300322	0.7224%
1989	3.305873	0.302492	1.1077%
1988	3.269656	0.305843	0.8834%
1987	3.241026	0.308544	0.5594%
1986	3.222998	0.310270	1.3056%
1985	3.181460	0.314321	0.7673%
1984	3.157235	0.316733	0.8149%
1983	3.131713	0.319314	0.9737%
1982	3.101512	0.322423	0.9508%

1981	3.072300	0.325489	0.9031%
1980	3.044804	0.328428	2.2701%
1979	2.977219	0.335884	1.0042%
1978	2.947620	0.339257	0.9896%
1977	2.918736	0.342614	0.9103%
1976	2.892405	0.345733	0.8394%
1975	2.868327	0.348635	0.9042%
1974	2.842625	0.351788	1.1568%
1973	2.810118	0.355857	0.9427%
1972	2.783874	0.359212	0.7426%
1971	2.763352	0.361879	1.4697%
1970	2.723327	0.367198	0.6968%
1969	2.704481	0.369757	0.8565%
1968	2.681513	0.372924	1.5090%
1967	2.641650	0.378551	0.9949%
1966	2.615627	0.382318	1.0575%
1965	2.588257	0.386360	1.1300%
1964	2.559336	0.390726	1.5537%
1963	2.520181	0.396797	1.4658%
1962	2.483773	0.402613	1.5364%
1961	2.446189	0.408799	2.1586%
1960	2.394500	0.417624	-1.6655%
1959	2.435056	0.410668	4.3080%
1958	2.334486	0.428360	2.1130%
1957	2.286180	0.437411	1.9895%
1956	2.241584	0.446113	2.1231%
1955	2.194983	0.455584	1.4496%
1954	2.163618	0.462189	2.1573%
1953	2.117929	0.472159	1.2298%
1952	2.092200	0.477966	1.6814%
1951	2.057604	0.486002	1.6233%
1950	2.024737	0.493891	1.4265%
1949	1.996260	0.500937	1.7790%
1948	1.961366	0.509849	1.8242%
1947	1.926229	0.519149	-2.6320%
1946	1.978299	0.505485	3.1768%
1945	1.917387	0.521543	6.4754%
1944	1.800779	0.555315	-0.3437%
1943	1.806989	0.553407	0.6562%
1942	1.795209	0.557038	0.6633%
1941	1.783379	0.560733	-5.6614%
1940	1.890403	0.528988	8.0381%
1939	1.749756	0.571508	0.8126%
1938	1.735652	0.576153	0.7762%
1937	1.722282	0.580625	0.6029%
1936	1.711961	0.584125	0.5244%
1935	1.703031	0.587188	-3.0364%
1934	1.756360	0.569359	4.6271%
1933	1.678686	0.595704	1.3921%
1932	1.655637	0.603997	-0.2051%
1931	1.659040	0.602758	0.8886%
1930	1.644427	0.608114	1.0126%
1929	1.627943	0.614272	1.1526%

1928	1.609393	0.621352	1.2160%
1927	1.590058	0.628908	1.4086%
1926	1.567972	0.637767	1.7667%
1925	1.540752	0.649034	1.4465%
1924	1.518782	0.658422	1.7700%
1923	1.492368	0.670076	1.6165%
1922	1.468627	0.680908	1.3736%
1921	1.448727	0.690261	2.3393%
1920	1.415611	0.706409	1.3140%
1919	1.397251	0.715691	0.7676%
1918	1.386607	0.721185	0.3870%
1917	1.381262	0.723976	1.3274%
1916	1.363167	0.733586	1.4083%
1915	1.344236	0.743917	1.4458%
1914	1.325078	0.754673	1.9424%
1913	1.299830	0.769331	1.9857%
1912	1.274522	0.784608	1.5634%
1911	1.254903	0.796874	1.8169%
1910	1.232509	0.811353	1.8781%
1909	1.209789	0.826590	2.0082%
1908	1.185972	0.843190	1.9603%
1907	1.163171	0.859719	1.8264%
1906	1.142308	0.875421	1.9357%
1905	1.120617	0.892366	2.0148%
1904	1.098484	0.910346	2.1335%
1903	1.075537	0.929768	1.8151%
1902	1.056363	0.946645	1.8943%
1901	1.036723	0.964577	3.0255%
1900	1.006278	0.993761	0.6278%
1899	1.000000	1.000000	1.7757%
1898	0.982553	1.017757	1.8078%
1897	0.965106	1.036155	1.8396%
1896	0.947673	1.055216	1.8755%
1895	0.930226	1.075007	1.9114%
1894	0.912780	1.095555	1.9486%
1893	0.895333	1.116903	1.9858%
1892	0.877899	1.139083	2.0276%
1891	0.860453	1.162179	2.6465%
1890	0.838268	1.192936	1.5328%
1889	0.825613	1.211222	2.0811%
1888	0.808781	1.236429	2.1599%
1887	0.791682	1.263134	2.2075%
1886	0.774583	1.291018	2.2592%
1885	0.757470	1.320184	2.3095%
1884	0.740371	1.350674	2.3641%
1883	0.723272	1.382606	2.4214%
1882	0.706173	1.416085	2.4815%
1881	0.689073	1.451224	3.7644%
1880	0.664075	1.505854	0.9432%
1879	0.657870	1.520058	2.1464%
1878	0.644046	1.552684	2.1913%
1877	0.630236	1.586708	2.2426%
1876	0.616412	1.622292	2.2941%

1875	0.602588	1.659508	2.3456%
1874	0.588778	1.698433	2.4043%
1873	0.574954	1.739269	2.4635%
1872	0.561130	1.782117	2.5258%
1871	0.547307	1.827129	5.9947%
1870	0.516353	1.936659	-1.0968%
1869	0.522079	1.915418	2.1930%
1868	0.510876	1.957423	2.2394%
1867	0.499686	2.001257	2.2935%
1866	0.488482	2.047156	2.3445%
1865	0.477292	2.095151	2.4037%
1864	0.466089	2.145512	2.4599%
1863	0.454899	2.198290	2.5250%
1862	0.443696	2.253797	2.5872%
1861	0.432506	2.312108	2.9504%
1860	0.420111	2.380324	2.4012%
1859	0.410259	2.437482	2.7627%
1858	0.399230	2.504822	2.8412%
1857	0.388200	2.575989	2.9243%
1856	0.377171	2.651319	3.0161%
1855	0.366128	2.731286	3.1061%
1854	0.355098	2.816121	3.2056%
1853	0.344069	2.906396	3.3118%
1852	0.333039	3.002649	3.4252%
1851	0.322010	3.105497	4.0106%
1850	0.309593	3.230046	2.3254%
1849	0.302558	3.305157	2.7841%
1848	0.294362	3.397175	2.8590%
1847	0.286180	3.494301	2.9432%
1846	0.277998	3.597143	3.0324%
1845	0.269816	3.706223	3.1325%
1844	0.261621	3.822321	3.2284%
1843	0.253439	3.945719	3.3361%
1842	0.245257	4.077351	3.4512%
1841	0.237075	4.218068	3.8105%
1840	0.228373	4.378797	2.3861%
1839	0.223051	4.483277	2.5824%
1838	0.217436	4.599053	2.6573%
1837	0.211808	4.721265	2.7232%
1836	0.206193	4.849835	2.7994%
1835	0.200578	4.985603	2.8871%
1834	0.194949	5.129543	2.9657%
1833	0.189334	5.281669	3.0563%
1832	0.183719	5.443094	3.1604%
1831	0.178091	5.615119	3.4660%
1830	0.172125	5.809737	2.4653%
1829	0.167984	5.952965	2.6804%
1828	0.163598	6.112528	10.3427%
1827	0.148264	6.744725	-4.2314%
1826	0.154815	6.459326	2.9150%
1825	0.150430	6.647618	3.0026%
1824	0.146045	6.847217	3.0955%
1823	0.141660	7.059173	3.1944%

1822	0.137275	7.284671	3.3102%
1821	0.132876	7.525807	3.2277%
1820	0.128721	7.768721	2.6573%
1819	0.125389	7.975157	2.6261%
1818	0.122181	8.184594	2.6969%
1817	0.118972	8.405326	2.7717%
1816	0.115764	8.638295	2.8507%
1815	0.112555	8.884547	2.9343%
1814	0.109346	9.145250	3.0231%
1813	0.106138	9.421716	3.1039%
1812	0.102943	9.714156	3.2172%
1811	0.099734	10.026676	3.0969%
1810	0.096738	10.337193	2.9144%
1809	0.093999	10.638458	2.8225%
1808	0.091418	10.938725	2.9199%
1807	0.088825	11.258128	2.9918%
1806	0.086244	11.594947	3.0841%
1805	0.083664	11.952541	3.1822%
1804	0.081084	12.332894	3.2868%
1803	0.078504	12.738249	3.3985%
1802	0.075923	13.171157	3.5180%
1801	0.073343	13.634524	3.3999%
1800	0.070932	14.098091	2.8419%
1799	0.068972	14.498740	2.7485%
1798	0.067127	14.897232	2.8261%
1797	0.065282	15.318247	3.7832%
1796	0.062902	15.897768	2.1272%
1795	0.061592	16.235945	3.0879%
1794	0.059747	16.737301	3.1625%
1793	0.057915	17.266620	3.2904%
1792	0.056070	17.834764	3.4024%
1791	0.054225	18.441568	3.2296%
1790	0.052529	19.037150	41.3145%
1780	0.037172	26.902244	29.4353%
1770	0.028718	34.821005	83.4728%
1750	0.015653	63.887086	29.2845%
1740	0.012107	82.596069	94.2514%
1720	0.006233	160.444015	85.8111%
1700	0.003354	298.122758	19.2490%
1690	0.002813	355.508555	88.0250%
1670	0.001496	668.445040	

BASE YEAR: 1898

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.101428	0.243818	8.2857%
2001	3.787600	0.264019	1.0000%
2000	3.750099	0.266660	1.0000%
1999	3.712969	0.269326	1.0000%
1998	3.676207	0.272019	1.0000%
1997	3.639809	0.274740	1.0000%
1996	3.603771	0.277487	1.0000%

1995	3.568090	0.280262	0.9992%
1994	3.532790	0.283062	1.0008%
1993	3.497785	0.285895	1.0000%
1992	3.463153	0.288754	0.9295%
1991	3.431260	0.291438	1.2505%
1990	3.388881	0.295083	0.7224%
1989	3.364574	0.297214	1.1077%
1988	3.327714	0.300507	0.8834%
1987	3.298575	0.303161	0.5594%
1986	3.280227	0.304857	1.3056%
1985	3.237951	0.308837	0.7673%
1984	3.213296	0.311207	0.8149%
1983	3.187321	0.313743	0.9737%
1982	3.156584	0.316798	0.9508%
1981	3.126854	0.319810	0.9031%
1980	3.098869	0.322698	2.2701%
1979	3.030084	0.330024	1.0042%
1978	2.999959	0.333338	0.9896%
1977	2.970562	0.336637	0.9103%
1976	2.943764	0.339701	0.8394%
1975	2.919259	0.342553	0.9042%
1974	2.893100	0.345650	1.1568%
1973	2.860016	0.349648	0.9427%
1972	2.833306	0.352945	0.7426%
1971	2.812420	0.355566	1.4697%
1970	2.771684	0.360792	0.6968%
1969	2.752504	0.363306	0.8565%
1968	2.729128	0.366417	1.5090%
1967	2.688556	0.371947	0.9949%
1966	2.662071	0.375647	1.0575%
1965	2.634215	0.379620	1.1300%
1964	2.604781	0.383909	1.5537%
1963	2.564930	0.389874	1.4658%
1962	2.527876	0.395589	1.5364%
1961	2.489625	0.401667	2.1586%
1960	2.437019	0.410337	-1.6655%
1959	2.478294	0.403503	4.3080%
1958	2.375939	0.420886	2.1130%
1957	2.326775	0.429779	1.9895%
1956	2.281387	0.438330	2.1231%
1955	2.233958	0.447636	1.4496%
1954	2.202037	0.454125	2.1573%
1953	2.155537	0.463922	1.2298%
1952	2.129351	0.469627	1.6814%
1951	2.094140	0.477523	1.6233%
1950	2.060690	0.485274	1.4265%
1949	2.031707	0.492197	1.7790%
1948	1.996194	0.500953	1.8242%
1947	1.960432	0.510092	-2.6320%
1946	2.013426	0.496666	3.1768%
1945	1.951433	0.512444	6.4754%
1944	1.832755	0.545627	-0.3437%
1943	1.839075	0.543752	0.6562%

1942	1.827085	0.547320	0.6633%
1941	1.815046	0.550950	-5.6614%
1940	1.923970	0.519759	8.0381%
1939	1.780826	0.561537	0.8126%
1938	1.766471	0.566101	0.7762%
1937	1.752864	0.570495	0.6029%
1936	1.742360	0.573934	0.5244%
1935	1.733271	0.576944	-3.0364%
1934	1.787547	0.559426	4.6271%
1933	1.708493	0.585311	1.3921%
1932	1.685036	0.593459	-0.2051%
1931	1.688498	0.592242	0.8886%
1930	1.673627	0.597505	1.0126%
1929	1.656850	0.603555	1.1526%
1928	1.637970	0.610512	1.2160%
1927	1.618292	0.617935	1.4086%
1926	1.595814	0.626640	1.7667%
1925	1.568110	0.637710	1.4465%
1924	1.545751	0.646935	1.7700%
1923	1.518867	0.658385	1.6165%
1922	1.494705	0.669028	1.3736%
1921	1.474451	0.678218	2.3393%
1920	1.440748	0.694084	1.3140%
1919	1.422062	0.703204	0.7676%
1918	1.411228	0.708602	0.3870%
1917	1.405788	0.711345	1.3274%
1916	1.387372	0.720787	1.4083%
1915	1.368105	0.730938	1.4458%
1914	1.348607	0.741506	1.9424%
1913	1.322911	0.755909	1.9857%
1912	1.297154	0.770919	1.5634%
1911	1.277186	0.782971	1.8169%
1910	1.254395	0.797197	1.8781%
1909	1.231271	0.812169	2.0082%
1908	1.207031	0.828479	1.9603%
1907	1.183825	0.844720	1.8264%
1906	1.162592	0.860147	1.9357%
1905	1.140515	0.876797	2.0148%
1904	1.117989	0.894463	2.1335%
1903	1.094635	0.913547	1.8151%
1902	1.075120	0.930129	1.8943%
1901	1.055132	0.947749	3.0255%
1900	1.024146	0.976423	0.6278%
1899	1.017757	0.982553	1.7757%
1898	1.000000	1.000000	1.8078%
1897	0.982243	1.018078	1.8396%
1896	0.964501	1.036806	1.8755%
1895	0.946744	1.056252	1.9114%
1894	0.928987	1.076441	1.9486%
1893	0.911231	1.097417	1.9858%
1892	0.893488	1.119209	2.0276%
1891	0.875731	1.141903	2.6465%
1890	0.853153	1.172123	1.5328%

1889	0.840273	1.190090	2.0811%
1888	0.823142	1.214857	2.1599%
1887	0.805739	1.241096	2.2075%
1886	0.788336	1.268494	2.2592%
1885	0.770920	1.297151	2.3095%
1884	0.753517	1.327110	2.3641%
1883	0.736115	1.358484	2.4214%
1882	0.718712	1.391378	2.4815%
1881	0.701309	1.425905	3.7644%
1880	0.675867	1.479582	0.9432%
1879	0.669551	1.493538	2.1464%
1878	0.655482	1.525595	2.1913%
1877	0.641427	1.559025	2.2426%
1876	0.627357	1.593988	2.2941%
1875	0.613288	1.630555	2.3456%
1874	0.599233	1.668801	2.4043%
1873	0.585163	1.708924	2.4635%
1872	0.571094	1.751024	2.5258%
1871	0.557025	1.795251	5.9947%
1870	0.525522	1.902871	-1.0968%
1869	0.531349	1.882000	2.1930%
1868	0.519947	1.923272	2.2394%
1867	0.508559	1.966342	2.2935%
1866	0.497156	2.011440	2.3445%
1865	0.485768	2.058598	2.4037%
1864	0.474365	2.108080	2.4599%
1863	0.462977	2.159937	2.5250%
1862	0.451574	2.214475	2.5872%
1861	0.440186	2.271769	2.9504%
1860	0.427571	2.338795	2.4012%
1859	0.417544	2.394956	2.7627%
1858	0.406319	2.461121	2.8412%
1857	0.395093	2.531047	2.9243%
1856	0.383868	2.605062	3.0161%
1855	0.372629	2.683634	3.1061%
1854	0.361404	2.766989	3.2056%
1853	0.350178	2.855689	3.3118%
1852	0.338953	2.950263	3.4252%
1851	0.327727	3.051316	4.0106%
1850	0.315090	3.173692	2.3254%
1849	0.307930	3.247492	2.7841%
1848	0.299589	3.337905	2.8590%
1847	0.291262	3.433336	2.9432%
1846	0.282935	3.534385	3.0324%
1845	0.274607	3.641562	3.1325%
1844	0.266267	3.755634	3.2284%
1843	0.257939	3.876879	3.3361%
1842	0.249612	4.006214	3.4512%
1841	0.241285	4.144476	3.8105%
1840	0.232428	4.302401	2.3861%
1839	0.227012	4.405059	2.5824%
1838	0.221297	4.518815	2.6573%
1837	0.215569	4.638894	2.7232%

1836	0.209854	4.765221	2.7994%
1835	0.204139	4.898620	2.8871%
1834	0.198411	5.040049	2.9657%
1833	0.192696	5.189521	3.0563%
1832	0.186981	5.348130	3.1604%
1831	0.181253	5.517153	3.4660%
1830	0.175181	5.708376	2.4653%
1829	0.170966	5.849105	2.6804%
1828	0.166503	6.005884	10.3427%
1827	0.150897	6.627051	-4.2314%
1826	0.157564	6.346632	2.9150%
1825	0.153101	6.531639	3.0026%
1824	0.148638	6.727755	3.0955%
1823	0.144175	6.936014	3.1944%
1822	0.139712	7.157577	3.3102%
1821	0.135236	7.394506	3.2277%
1820	0.131007	7.633182	2.6573%
1819	0.127616	7.836017	2.6261%
1818	0.124350	8.041799	2.6969%
1817	0.121085	8.258681	2.7717%
1816	0.117819	8.487585	2.8507%
1815	0.114554	8.729540	2.9343%
1814	0.111288	8.985695	3.0231%
1813	0.108022	9.257337	3.1039%
1812	0.104770	9.544675	3.2172%
1811	0.101505	9.851743	3.0969%
1810	0.098456	10.156843	2.9144%
1809	0.095668	10.452852	2.8225%
1808	0.093042	10.747879	2.9199%
1807	0.090402	11.061710	2.9918%
1806	0.087776	11.392652	3.0841%
1805	0.085150	11.744008	3.1822%
1804	0.082524	12.117725	3.2868%
1803	0.079898	12.516008	3.3985%
1802	0.077272	12.941363	3.5180%
1801	0.074646	13.396646	3.3999%
1800	0.072191	13.852125	2.8419%
1799	0.070196	14.245784	2.7485%
1798	0.068319	14.637323	2.8261%
1797	0.066441	15.050993	3.7832%
1796	0.064019	15.620404	2.1272%
1795	0.062685	15.952681	3.0879%
1794	0.060808	16.445290	3.1625%
1793	0.058944	16.965374	3.2904%
1792	0.057066	17.523605	3.4024%
1791	0.055188	18.119822	3.2296%
1790	0.053462	18.705014	41.3145%
1780	0.037832	26.432887	29.4353%
1770	0.029228	34.213491	83.4728%
1750	0.015931	62.772463	29.2845%
1740	0.012322	81.155035	94.2514%
1720	0.006343	157.644788	85.8111%
1700	0.003414	292.921483	19.2490%

1690 0.002863 349.306084 88.0250%
1670 0.001523 656.782842

BASE YEAR: 1897

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.175572	0.239488	8.2857%
2001	3.856071	0.259331	1.0000%
2000	3.817892	0.261925	1.0000%
1999	3.780091	0.264544	1.0000%
1998	3.742664	0.267189	1.0000%
1997	3.705608	0.269861	1.0000%
1996	3.668919	0.272560	1.0000%
1995	3.632593	0.275285	0.9992%
1994	3.596654	0.278036	1.0008%
1993	3.561016	0.280819	1.0000%
1992	3.525759	0.283627	0.9295%
1991	3.493288	0.286263	1.2505%
1990	3.450144	0.289843	0.7224%
1989	3.425397	0.291937	1.1077%
1988	3.387871	0.295171	0.8834%
1987	3.358206	0.297778	0.5594%
1986	3.339525	0.299444	1.3056%
1985	3.296486	0.303353	0.7673%
1984	3.271385	0.305681	0.8149%
1983	3.244940	0.308172	0.9737%
1982	3.213648	0.311173	0.9508%
1981	3.183380	0.314132	0.9031%
1980	3.154889	0.316968	2.2701%
1979	3.084861	0.324164	1.0042%
1978	3.054191	0.327419	0.9896%
1977	3.024263	0.330659	0.9103%
1976	2.996980	0.333669	0.8394%
1975	2.972032	0.336470	0.9042%
1974	2.945400	0.339512	1.1568%
1973	2.911718	0.343440	0.9427%
1972	2.884525	0.346677	0.7426%
1971	2.863262	0.349252	1.4697%
1970	2.821789	0.354385	0.6968%
1969	2.802262	0.356855	0.8565%
1968	2.778463	0.359911	1.5090%
1967	2.737159	0.365342	0.9949%
1966	2.710195	0.368977	1.0575%
1965	2.681835	0.372879	1.1300%
1964	2.651869	0.377093	1.5537%
1963	2.611298	0.382951	1.4658%
1962	2.573574	0.388565	1.5364%
1961	2.534631	0.394535	2.1586%
1960	2.481074	0.403051	-1.6655%
1959	2.523096	0.396339	4.3080%
1958	2.418890	0.413413	2.1130%
1957	2.368837	0.422148	1.9895%

1956	2.322629	0.430547	2.1231%
1955	2.274342	0.439688	1.4496%
1954	2.241844	0.446061	2.1573%
1953	2.194503	0.455684	1.2298%
1952	2.167844	0.461288	1.6814%
1951	2.131997	0.469044	1.6233%
1950	2.097942	0.476658	1.4265%
1949	2.068435	0.483457	1.7790%
1948	2.032280	0.492058	1.8242%
1947	1.995872	0.501034	-2.6320%
1946	2.049824	0.487847	3.1768%
1945	1.986710	0.503345	6.4754%
1944	1.865886	0.535938	-0.3437%
1943	1.872321	0.534096	0.6562%
1942	1.860115	0.537601	0.6633%
1941	1.847858	0.541167	-5.6614%
1940	1.958751	0.510529	8.0381%
1939	1.813019	0.551566	0.8126%
1938	1.798404	0.556049	0.7762%
1937	1.784552	0.560365	0.6029%
1936	1.773858	0.563743	0.5244%
1935	1.764604	0.566699	-3.0364%
1934	1.819862	0.549492	4.6271%
1933	1.739379	0.574918	1.3921%
1932	1.715497	0.582922	-0.2051%
1931	1.719022	0.581726	0.8886%
1930	1.703882	0.586895	1.0126%
1929	1.686801	0.592838	1.1526%
1928	1.667581	0.599671	1.2160%
1927	1.647547	0.606963	1.4086%
1926	1.624662	0.615513	1.7667%
1925	1.596458	0.626387	1.4465%
1924	1.573694	0.635448	1.7700%
1923	1.546325	0.646695	1.6165%
1922	1.521726	0.657149	1.3736%
1921	1.501106	0.666176	2.3393%
1920	1.466793	0.681760	1.3140%
1919	1.447769	0.690718	0.7676%
1918	1.436740	0.696020	0.3870%
1917	1.431201	0.698714	1.3274%
1916	1.412452	0.707989	1.4083%
1915	1.392837	0.717959	1.4458%
1914	1.372986	0.728339	1.9424%
1913	1.346826	0.742487	1.9857%
1912	1.320603	0.757230	1.5634%
1911	1.300274	0.769069	1.8169%
1910	1.277071	0.783042	1.8781%
1909	1.253529	0.797748	2.0082%
1908	1.228851	0.813769	1.9603%
1907	1.205225	0.829720	1.8264%
1906	1.183608	0.844874	1.9357%
1905	1.161133	0.861228	2.0148%
1904	1.138200	0.878580	2.1335%

1903	1.114423	0.897325	1.8151%
1902	1.094555	0.913613	1.8943%
1901	1.074206	0.930920	3.0255%
1900	1.042660	0.959085	0.6278%
1899	1.036155	0.965106	1.7757%
1898	1.018078	0.982243	1.8078%
1897	1.000000	1.000000	1.8396%
1896	0.981936	1.018396	1.8755%
1895	0.963859	1.037496	1.9114%
1894	0.945781	1.057327	1.9486%
1893	0.927704	1.077930	1.9858%
1892	0.909640	1.099336	2.0276%
1891	0.891562	1.121626	2.6465%
1890	0.868575	1.151310	1.5328%
1889	0.855463	1.168958	2.0811%
1888	0.838022	1.193286	2.1599%
1887	0.820305	1.219059	2.2075%
1886	0.802588	1.245970	2.2592%
1885	0.784856	1.274118	2.3095%
1884	0.767139	1.303545	2.3641%
1883	0.749422	1.334362	2.4214%
1882	0.731704	1.366672	2.4815%
1881	0.713987	1.400586	3.7644%
1880	0.688085	1.453310	0.9432%
1879	0.681655	1.467018	2.1464%
1878	0.667332	1.498505	2.1913%
1877	0.653022	1.531342	2.2426%
1876	0.638698	1.565684	2.2941%
1875	0.624375	1.601602	2.3456%
1874	0.610065	1.639169	2.4043%
1873	0.595742	1.678580	2.4635%
1872	0.581418	1.719932	2.5258%
1871	0.567095	1.763374	5.9947%
1870	0.535022	1.869082	-1.0968%
1869	0.540955	1.848583	2.1930%
1868	0.529347	1.889122	2.2394%
1867	0.517752	1.931427	2.2935%
1866	0.506144	1.975724	2.3445%
1865	0.494549	2.022044	2.4037%
1864	0.482941	2.070648	2.4599%
1863	0.471346	2.121583	2.5250%
1862	0.459738	2.175154	2.5872%
1861	0.448143	2.231430	2.9504%
1860	0.435300	2.297267	2.4012%
1859	0.425092	2.352429	2.7627%
1858	0.413664	2.417420	2.8412%
1857	0.402236	2.486104	2.9243%
1856	0.390807	2.558805	3.0161%
1855	0.379365	2.635982	3.1061%
1854	0.367937	2.717857	3.2056%
1853	0.356509	2.804981	3.3118%
1852	0.345080	2.897876	3.4252%
1851	0.333652	2.997135	4.0106%

1850	0.320786	3.117339	2.3254%
1849	0.313497	3.189828	2.7841%
1848	0.305005	3.278636	2.8590%
1847	0.296527	3.372372	2.9432%
1846	0.288049	3.471626	3.0324%
1845	0.279572	3.576900	3.1325%
1844	0.271080	3.688947	3.2284%
1843	0.262602	3.808039	3.3361%
1842	0.254125	3.935078	3.4512%
1841	0.245647	4.070885	3.8105%
1840	0.236630	4.226005	2.3861%
1839	0.231116	4.326840	2.5824%
1838	0.225297	4.438576	2.6573%
1837	0.219466	4.556523	2.7232%
1836	0.213648	4.680607	2.7994%
1835	0.207829	4.811638	2.8871%
1834	0.201998	4.950555	2.9657%
1833	0.196179	5.097373	3.0563%
1832	0.190361	5.253165	3.1604%
1831	0.184529	5.419188	3.4660%
1830	0.178348	5.607015	2.4653%
1829	0.174057	5.745245	2.6804%
1828	0.169513	5.899240	10.3427%
1827	0.153625	6.509378	-4.2314%
1826	0.160412	6.233938	2.9150%
1825	0.155869	6.415659	3.0026%
1824	0.151325	6.608294	3.0955%
1823	0.146781	6.812854	3.1944%
1822	0.142238	7.030483	3.3102%
1821	0.137680	7.263206	3.2277%
1820	0.133375	7.497643	2.6573%
1819	0.129923	7.696876	2.6261%
1818	0.126598	7.899004	2.6969%
1817	0.123274	8.112035	2.7717%
1816	0.119949	8.336875	2.8507%
1815	0.116624	8.574534	2.9343%
1814	0.113300	8.826140	3.0231%
1813	0.109975	9.092959	3.1039%
1812	0.106664	9.375195	3.2172%
1811	0.103340	9.676810	3.0969%
1810	0.100236	9.976492	2.9144%
1809	0.097397	10.267245	2.8225%
1808	0.094724	10.557034	2.9199%
1807	0.092036	10.865292	2.9918%
1806	0.089363	11.190358	3.0841%
1805	0.086689	11.535475	3.1822%
1804	0.084016	11.902556	3.2868%
1803	0.081342	12.293767	3.3985%
1802	0.078668	12.711569	3.5180%
1801	0.075995	13.158768	3.3999%
1800	0.073496	13.606159	2.8419%
1799	0.071465	13.992828	2.7485%
1798	0.069554	14.377415	2.8261%

1797	0.067642	14.783740	3.7832%
1796	0.065176	15.343039	2.1272%
1795	0.063819	15.669416	3.0879%
1794	0.061907	16.153278	3.1625%
1793	0.060009	16.664127	3.2904%
1792	0.058097	17.212446	3.4024%
1791	0.056186	17.798077	3.2296%
1790	0.054428	18.372877	41.3145%
1780	0.038516	25.963530	29.4353%
1770	0.029757	33.605977	83.4728%
1750	0.016219	61.657841	29.2845%
1740	0.012545	79.714002	94.2514%
1720	0.006458	154.845560	85.8111%
1700	0.003476	287.720207	19.2490%
1690	0.002915	343.103612	88.0250%
1670	0.001550	645.120643	

BASE YEAR: 1896

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.252386	0.235162	8.2857%
2001	3.927007	0.254647	1.0000%
2000	3.888125	0.257193	1.0000%
1999	3.849629	0.259765	1.0000%
1998	3.811514	0.262363	1.0000%
1997	3.773776	0.264987	1.0000%
1996	3.736412	0.267636	1.0000%
1995	3.699418	0.270313	0.9992%
1994	3.662818	0.273014	1.0008%
1993	3.626525	0.275746	1.0000%
1992	3.590619	0.278504	0.9295%
1991	3.557551	0.281092	1.2505%
1990	3.513613	0.284607	0.7224%
1989	3.488411	0.286663	1.1077%
1988	3.450194	0.289839	0.8834%
1987	3.419983	0.292399	0.5594%
1986	3.400959	0.294035	1.3056%
1985	3.357128	0.297874	0.7673%
1984	3.331565	0.300159	0.8149%
1983	3.304634	0.302605	0.9737%
1982	3.272766	0.305552	0.9508%
1981	3.241941	0.308457	0.9031%
1980	3.212926	0.311243	2.2701%
1979	3.141610	0.318308	1.0042%
1978	3.110376	0.321505	0.9896%
1977	3.079897	0.324686	0.9103%
1976	3.052113	0.327642	0.8394%
1975	3.026705	0.330392	0.9042%
1974	2.999584	0.333380	1.1568%
1973	2.965282	0.337236	0.9427%
1972	2.937589	0.340415	0.7426%
1971	2.915934	0.342943	1.4697%

1970	2.873698	0.347984	0.6968%
1969	2.853813	0.350408	0.8565%
1968	2.829576	0.353410	1.5090%
1967	2.787511	0.358743	0.9949%
1966	2.760051	0.362312	1.0575%
1965	2.731170	0.366143	1.1300%
1964	2.700652	0.370281	1.5537%
1963	2.659336	0.376034	1.4658%
1962	2.620918	0.381546	1.5364%
1961	2.581258	0.387408	2.1586%
1960	2.526716	0.395771	-1.6655%
1959	2.569510	0.389179	4.3080%
1958	2.463388	0.405945	2.1130%
1957	2.412414	0.414522	1.9895%
1956	2.365356	0.422769	2.1231%
1955	2.316181	0.431745	1.4496%
1954	2.283085	0.438004	2.1573%
1953	2.234873	0.447453	1.2298%
1952	2.207724	0.452955	1.6814%
1951	2.171217	0.460571	1.6233%
1950	2.136536	0.468047	1.4265%
1949	2.106486	0.474724	1.7790%
1948	2.069666	0.483170	1.8242%
1947	2.032588	0.491984	-2.6320%
1946	2.087533	0.479034	3.1768%
1945	2.023258	0.494252	6.4754%
1944	1.900211	0.526257	-0.3437%
1943	1.906764	0.524449	0.6562%
1942	1.894333	0.527890	0.6633%
1941	1.881851	0.531392	-5.6614%
1940	1.994784	0.501307	8.0381%
1939	1.846371	0.541603	0.8126%
1938	1.831488	0.546004	0.7762%
1937	1.817380	0.550243	0.6029%
1936	1.806489	0.553560	0.5244%
1935	1.797066	0.556463	-3.0364%
1934	1.853340	0.539566	4.6271%
1933	1.771376	0.564533	1.3921%
1932	1.747055	0.572392	-0.2051%
1931	1.750645	0.571218	0.8886%
1930	1.735226	0.576294	1.0126%
1929	1.717832	0.582129	1.1526%
1928	1.698258	0.588839	1.2160%
1927	1.677855	0.595999	1.4086%
1926	1.654549	0.604394	1.7667%
1925	1.625826	0.615072	1.4465%
1924	1.602644	0.623969	1.7700%
1923	1.574771	0.635013	1.6165%
1922	1.549719	0.645278	1.3736%
1921	1.528720	0.654142	2.3393%
1920	1.493776	0.669444	1.3140%
1919	1.474402	0.678241	0.7676%
1918	1.463170	0.683447	0.3870%

1917	1.457530	0.686092	1.3274%
1916	1.438435	0.695200	1.4083%
1915	1.418459	0.704990	1.4458%
1914	1.398244	0.715183	1.9424%
1913	1.371602	0.729075	1.9857%
1912	1.344897	0.743552	1.5634%
1911	1.324194	0.755176	1.8169%
1910	1.300564	0.768897	1.8781%
1909	1.276589	0.783338	2.0082%
1908	1.251457	0.799069	1.9603%
1907	1.227396	0.814733	1.8264%
1906	1.205382	0.829613	1.9357%
1905	1.182493	0.845671	2.0148%
1904	1.159138	0.862710	2.1335%
1903	1.134924	0.881116	1.8151%
1902	1.114691	0.897110	1.8943%
1901	1.093967	0.914104	3.0255%
1900	1.061841	0.941760	0.6278%
1899	1.055216	0.947673	1.7757%
1898	1.036806	0.964501	1.8078%
1897	1.018396	0.981936	1.8396%
1896	1.000000	1.000000	1.8755%
1895	0.981590	1.018755	1.9114%
1894	0.963180	1.038228	1.9486%
1893	0.944770	1.058459	1.9858%
1892	0.926374	1.079478	2.0276%
1891	0.907964	1.101366	2.6465%
1890	0.884554	1.130514	1.5328%
1889	0.871200	1.147842	2.0811%
1888	0.853439	1.171730	2.1599%
1887	0.835395	1.197038	2.2075%
1886	0.817352	1.223463	2.2592%
1885	0.799295	1.251103	2.3095%
1884	0.781251	1.279998	2.3641%
1883	0.763208	1.310259	2.4214%
1882	0.745165	1.341985	2.4815%
1881	0.727121	1.375286	3.7644%
1880	0.700743	1.427057	0.9432%
1879	0.694195	1.440518	2.1464%
1878	0.679608	1.471437	2.1913%
1877	0.665035	1.503680	2.2426%
1876	0.650448	1.537402	2.2941%
1875	0.635861	1.572671	2.3456%
1874	0.621288	1.609559	2.4043%
1873	0.606701	1.648258	2.4635%
1872	0.592114	1.688864	2.5258%
1871	0.577527	1.731521	5.9947%
1870	0.544864	1.835320	-1.0968%
1869	0.550906	1.815190	2.1930%
1868	0.539084	1.854997	2.2394%
1867	0.527277	1.896538	2.2935%
1866	0.515455	1.940035	2.3445%
1865	0.503647	1.985519	2.4037%

1864	0.491825	2.033244	2.4599%
1863	0.480017	2.083260	2.5250%
1862	0.468195	2.135862	2.5872%
1861	0.456387	2.191122	2.9504%
1860	0.443308	2.255769	2.4012%
1859	0.432912	2.309936	2.7627%
1858	0.421274	2.373753	2.8412%
1857	0.409635	2.441196	2.9243%
1856	0.397997	2.512583	3.0161%
1855	0.386344	2.588366	3.1061%
1854	0.374706	2.668762	3.2056%
1853	0.363067	2.754313	3.3118%
1852	0.351428	2.845530	3.4252%
1851	0.339790	2.942996	4.0106%
1850	0.326688	3.061028	2.3254%
1849	0.319264	3.132208	2.7841%
1848	0.310616	3.219411	2.8590%
1847	0.301982	3.311455	2.9432%
1846	0.293348	3.408916	3.0324%
1845	0.284715	3.512288	3.1325%
1844	0.276067	3.622311	3.2284%
1843	0.267433	3.739252	3.3361%
1842	0.258799	3.863996	3.4512%
1841	0.250166	3.997350	3.8105%
1840	0.240983	4.149668	2.3861%
1839	0.235367	4.248681	2.5824%
1838	0.229442	4.358399	2.6573%
1837	0.223503	4.474216	2.7232%
1836	0.217578	4.596058	2.7994%
1835	0.211653	4.724722	2.8871%
1834	0.205713	4.861130	2.9657%
1833	0.199788	5.005296	3.0563%
1832	0.193863	5.158274	3.1604%
1831	0.187924	5.321297	3.4660%
1830	0.181629	5.505732	2.4653%
1829	0.177259	5.641464	2.6804%
1828	0.172632	5.792678	10.3427%
1827	0.156451	6.391794	-4.2314%
1826	0.163363	6.121330	2.9150%
1825	0.158736	6.299769	3.0026%
1824	0.154109	6.488923	3.0955%
1823	0.149482	6.689789	3.1944%
1822	0.144854	6.903487	3.3102%
1821	0.140213	7.132005	3.2277%
1820	0.135829	7.362208	2.6573%
1819	0.132313	7.557842	2.6261%
1818	0.128927	7.756319	2.6969%
1817	0.125541	7.965502	2.7717%
1816	0.122156	8.186280	2.8507%
1815	0.118770	8.419646	2.9343%
1814	0.115384	8.666707	3.0231%
1813	0.111998	8.928706	3.1039%
1812	0.108627	9.205844	3.2172%

1811	0.105241	9.502011	3.0969%
1810	0.102080	9.796280	2.9144%
1809	0.099189	10.081781	2.8225%
1808	0.096466	10.366335	2.9199%
1807	0.093729	10.669025	2.9918%
1806	0.091007	10.988219	3.0841%
1805	0.088284	11.327101	3.1822%
1804	0.085561	11.687552	3.2868%
1803	0.082838	12.071696	3.3985%
1802	0.080116	12.481951	3.5180%
1801	0.077393	12.921072	3.3999%
1800	0.074848	13.360381	2.8419%
1799	0.072780	13.740066	2.7485%
1798	0.070833	14.117706	2.8261%
1797	0.068886	14.516691	3.7832%
1796	0.066375	15.065887	2.1272%
1795	0.064993	15.386369	3.0879%
1794	0.063046	15.861490	3.1625%
1793	0.061113	16.363112	3.2904%
1792	0.059166	16.901526	3.4024%
1791	0.057219	17.476578	3.2296%
1790	0.055429	18.040995	41.3145%
1780	0.039224	25.494533	29.4353%
1770	0.030304	32.998929	83.4728%
1750	0.016517	60.544072	29.2845%
1740	0.012776	78.274072	94.2514%
1720	0.006577	152.048477	85.8111%
1700	0.003540	282.522917	19.2490%
1690	0.002968	336.905894	88.0250%
1670	0.001579	633.467382	

BASE YEAR: 1895

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.332141	0.230833	8.2857%
2001	4.000660	0.249959	1.0000%
2000	3.961049	0.252458	1.0000%
1999	3.921830	0.254983	1.0000%
1998	3.883000	0.257533	1.0000%
1997	3.844555	0.260108	1.0000%
1996	3.806490	0.262709	1.0000%
1995	3.768802	0.265336	0.9992%
1994	3.731516	0.267988	1.0008%
1993	3.694542	0.270670	1.0000%
1992	3.657962	0.273376	0.9295%
1991	3.624274	0.275917	1.2505%
1990	3.579512	0.279368	0.7224%
1989	3.553837	0.281386	1.1077%
1988	3.514904	0.284503	0.8834%
1987	3.484126	0.287016	0.5594%
1986	3.464746	0.288621	1.3056%
1985	3.420092	0.292390	0.7673%

1984	3.394050	0.294633	0.8149%
1983	3.366614	0.297034	0.9737%
1982	3.334148	0.299927	0.9508%
1981	3.302745	0.302778	0.9031%
1980	3.273186	0.305513	2.2701%
1979	3.200532	0.312448	1.0042%
1978	3.168712	0.315586	0.9896%
1977	3.137662	0.318709	0.9103%
1976	3.109356	0.321610	0.8394%
1975	3.083472	0.324310	0.9042%
1974	3.055842	0.327242	1.1568%
1973	3.020897	0.331028	0.9427%
1972	2.992685	0.334148	0.7426%
1971	2.970624	0.336630	1.4697%
1970	2.927596	0.341577	0.6968%
1969	2.907337	0.343957	0.8565%
1968	2.882646	0.346904	1.5090%
1967	2.839792	0.352138	0.9949%
1966	2.811817	0.355642	1.0575%
1965	2.782394	0.359403	1.1300%
1964	2.751304	0.363464	1.5537%
1963	2.709212	0.369111	1.4658%
1962	2.670074	0.374521	1.5364%
1961	2.629671	0.380276	2.1586%
1960	2.574105	0.388485	-1.6655%
1959	2.617703	0.382014	4.3080%
1958	2.509590	0.398472	2.1130%
1957	2.457660	0.406891	1.9895%
1956	2.409719	0.414986	2.1231%
1955	2.359622	0.423797	1.4496%
1954	2.325905	0.429940	2.1573%
1953	2.276789	0.439215	1.2298%
1952	2.249130	0.444616	1.6814%
1951	2.211939	0.452092	1.6233%
1950	2.176607	0.459431	1.4265%
1949	2.145994	0.465985	1.7790%
1948	2.108483	0.474275	1.8242%
1947	2.070710	0.482926	-2.6320%
1946	2.126685	0.470215	3.1768%
1945	2.061205	0.485153	6.4754%
1944	1.935850	0.516569	-0.3437%
1943	1.942526	0.514794	0.6562%
1942	1.929862	0.518172	0.6633%
1941	1.917146	0.521609	-5.6614%
1940	2.032197	0.492078	8.0381%
1939	1.881000	0.531632	0.8126%
1938	1.865838	0.535952	0.7762%
1937	1.851466	0.540113	0.6029%
1936	1.840371	0.543369	0.5244%
1935	1.830770	0.546218	-3.0364%
1934	1.888100	0.529633	4.6271%
1933	1.804599	0.554140	1.3921%
1932	1.779822	0.561854	-0.2051%

1931	1.783479	0.560702	0.8886%
1930	1.767771	0.565684	1.0126%
1929	1.750050	0.571412	1.1526%
1928	1.730109	0.577998	1.2160%
1927	1.709324	0.585027	1.4086%
1926	1.685581	0.593267	1.7667%
1925	1.656319	0.603748	1.4465%
1924	1.632702	0.612482	1.7700%
1923	1.604306	0.623322	1.6165%
1922	1.578785	0.633399	1.3736%
1921	1.557392	0.642099	2.3393%
1920	1.521792	0.657120	1.3140%
1919	1.502055	0.665754	0.7676%
1918	1.490613	0.670865	0.3870%
1917	1.484866	0.673461	1.3274%
1916	1.465414	0.682401	1.4083%
1915	1.445063	0.692011	1.4458%
1914	1.424468	0.702016	1.9424%
1913	1.397327	0.715652	1.9857%
1912	1.370121	0.729863	1.5634%
1911	1.349030	0.741273	1.8169%
1910	1.324957	0.754742	1.8781%
1909	1.300532	0.768916	2.0082%
1908	1.274928	0.784358	1.9603%
1907	1.250417	0.799733	1.8264%
1906	1.227989	0.814339	1.9357%
1905	1.204671	0.830102	2.0148%
1904	1.180878	0.846827	2.1335%
1903	1.156210	0.864895	1.8151%
1902	1.135597	0.880594	1.8943%
1901	1.114485	0.897275	3.0255%
1900	1.081757	0.924422	0.6278%
1899	1.075007	0.930226	1.7757%
1898	1.056252	0.946744	1.8078%
1897	1.037496	0.963859	1.8396%
1896	1.018755	0.981590	1.8755%
1895	1.000000	1.000000	1.9114%
1894	0.981245	1.019114	1.9486%
1893	0.962489	1.038973	1.9858%
1892	0.943748	1.059605	2.0276%
1891	0.924993	1.081089	2.6465%
1890	0.901144	1.109701	1.5328%
1889	0.887540	1.126710	2.0811%
1888	0.869445	1.150159	2.1599%
1887	0.851064	1.175000	2.2075%
1886	0.832682	1.200939	2.2592%
1885	0.814286	1.228070	2.3095%
1884	0.795904	1.256433	2.3641%
1883	0.777522	1.286137	2.4214%
1882	0.759141	1.317279	2.4815%
1881	0.740759	1.349967	3.7644%
1880	0.713885	1.400785	0.9432%
1879	0.707215	1.413998	2.1464%

1878	0.692354	1.444348	2.1913%
1877	0.677508	1.475998	2.2426%
1876	0.662647	1.509098	2.2941%
1875	0.647787	1.543718	2.3456%
1874	0.632941	1.579927	2.4043%
1873	0.618080	1.617914	2.4635%
1872	0.603219	1.657772	2.5258%
1871	0.588359	1.699643	5.9947%
1870	0.555083	1.801531	-1.0968%
1869	0.561239	1.781773	2.1930%
1868	0.549195	1.820846	2.2394%
1867	0.537166	1.861622	2.2935%
1866	0.525122	1.904319	2.3445%
1865	0.513093	1.948965	2.4037%
1864	0.501049	1.995812	2.4599%
1863	0.489020	2.044907	2.5250%
1862	0.476976	2.096541	2.5872%
1861	0.464947	2.150784	2.9504%
1860	0.451622	2.214240	2.4012%
1859	0.441032	2.267410	2.7627%
1858	0.429175	2.330052	2.8412%
1857	0.417318	2.396253	2.9243%
1856	0.405461	2.466326	3.0161%
1855	0.393590	2.540714	3.1061%
1854	0.381733	2.619630	3.2056%
1853	0.369876	2.703606	3.3118%
1852	0.358020	2.793144	3.4252%
1851	0.346163	2.888815	4.0106%
1850	0.332815	3.004674	2.3254%
1849	0.325252	3.074544	2.7841%
1848	0.316442	3.160142	2.8590%
1847	0.307646	3.250491	2.9432%
1846	0.298850	3.346158	3.0324%
1845	0.290055	3.447627	3.1325%
1844	0.281245	3.555624	3.2284%
1843	0.272449	3.670412	3.3361%
1842	0.263653	3.792859	3.4512%
1841	0.254858	3.923758	3.8105%
1840	0.245503	4.073272	2.3861%
1839	0.239782	4.170463	2.5824%
1838	0.233745	4.278160	2.6573%
1837	0.227695	4.391845	2.7232%
1836	0.221659	4.511444	2.7994%
1835	0.215622	4.637739	2.8871%
1834	0.209572	4.771636	2.9657%
1833	0.203535	4.913148	3.0563%
1832	0.197499	5.063310	3.1604%
1831	0.191449	5.223332	3.4660%
1830	0.185035	5.404370	2.4653%
1829	0.180584	5.537604	2.6804%
1828	0.175870	5.686034	10.3427%
1827	0.159385	6.274121	-4.2314%
1826	0.166427	6.008636	2.9150%

1825	0.161713	6.183790	3.0026%
1824	0.156999	6.369462	3.0955%
1823	0.152285	6.566629	3.1944%
1822	0.147571	6.776393	3.3102%
1821	0.142843	7.000704	3.2277%
1820	0.138376	7.226669	2.6573%
1819	0.134794	7.418701	2.6261%
1818	0.131345	7.613524	2.6969%
1817	0.127896	7.818856	2.7717%
1816	0.124447	8.035570	2.8507%
1815	0.120997	8.264640	2.9343%
1814	0.117548	8.507152	3.0231%
1813	0.114099	8.764328	3.1039%
1812	0.110664	9.036364	3.2172%
1811	0.107215	9.327078	3.0969%
1810	0.103994	9.615929	2.9144%
1809	0.101049	9.896174	2.8225%
1808	0.098275	10.175490	2.9199%
1807	0.095487	10.472607	2.9918%
1806	0.092713	10.785925	3.0841%
1805	0.089940	11.118568	3.1822%
1804	0.087166	11.472383	3.2868%
1803	0.084392	11.849455	3.3985%
1802	0.081618	12.252157	3.5180%
1801	0.078844	12.683194	3.3999%
1800	0.076252	13.114415	2.8419%
1799	0.074145	13.487110	2.7485%
1798	0.072162	13.857797	2.8261%
1797	0.070178	14.249437	3.7832%
1796	0.067620	14.788523	2.1272%
1795	0.066212	15.103104	3.0879%
1794	0.064228	15.569479	3.1625%
1793	0.062259	16.061865	3.2904%
1792	0.060276	16.590367	3.4024%
1791	0.058293	17.154832	3.2296%
1790	0.056469	17.708859	41.3145%
1780	0.039960	25.025176	29.4353%
1770	0.030872	32.391416	83.4728%
1750	0.016827	59.429450	29.2845%
1740	0.013015	76.833039	94.2514%
1720	0.006700	149.249249	85.8111%
1700	0.003606	277.321642	19.2490%
1690	0.003024	330.703422	88.0250%
1670	0.001608	621.805183	

BASE YEAR: 1894

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	4.414945	0.226503	8.2857%
2001	4.077128	0.245271	1.0000%
2000	4.036760	0.247723	1.0000%
1999	3.996792	0.250201	1.0000%

1998	3.957220	0.252703	1.0000%
1997	3.918039	0.255230	1.0000%
1996	3.879247	0.257782	1.0000%
1995	3.840838	0.260360	0.9992%
1994	3.802840	0.262961	1.0008%
1993	3.765159	0.265593	1.0000%
1992	3.727880	0.268249	0.9295%
1991	3.693548	0.270742	1.2505%
1990	3.647930	0.274128	0.7224%
1989	3.621765	0.276108	1.1077%
1988	3.582087	0.279167	0.8834%
1987	3.550721	0.281633	0.5594%
1986	3.530970	0.283208	1.3056%
1985	3.485463	0.286906	0.7673%
1984	3.458923	0.289107	0.8149%
1983	3.430963	0.291463	0.9737%
1982	3.397876	0.294301	0.9508%
1981	3.365873	0.297100	0.9031%
1980	3.335749	0.299783	2.2701%
1979	3.261706	0.306588	1.0042%
1978	3.229279	0.309667	0.9896%
1977	3.197635	0.312731	0.9103%
1976	3.168788	0.315578	0.8394%
1975	3.142409	0.318227	0.9042%
1974	3.114251	0.321104	1.1568%
1973	3.078638	0.324819	0.9427%
1972	3.049886	0.327881	0.7426%
1971	3.027404	0.330316	1.4697%
1970	2.983553	0.335171	0.6968%
1969	2.962907	0.337506	0.8565%
1968	2.937744	0.340397	1.5090%
1967	2.894072	0.345534	0.9949%
1966	2.865562	0.348972	1.0575%
1965	2.835577	0.352662	1.1300%
1964	2.803892	0.356647	1.5537%
1963	2.760996	0.362188	1.4658%
1962	2.721109	0.367497	1.5364%
1961	2.679934	0.373144	2.1586%
1960	2.623306	0.381198	-1.6655%
1959	2.667737	0.374850	4.3080%
1958	2.557558	0.390998	2.1130%
1957	2.504636	0.399260	1.9895%
1956	2.455778	0.407203	2.1231%
1955	2.404724	0.415848	1.4496%
1954	2.370363	0.421876	2.1573%
1953	2.320308	0.430977	1.2298%
1952	2.292120	0.436277	1.6814%
1951	2.254218	0.443613	1.6233%
1950	2.218211	0.450814	1.4265%
1949	2.187012	0.457245	1.7790%
1948	2.148784	0.465379	1.8242%
1947	2.110289	0.473869	-2.6320%
1946	2.167334	0.461396	3.1768%

1945	2.100602	0.476054	6.4754%
1944	1.972852	0.506880	-0.3437%
1943	1.979656	0.505138	0.6562%
1942	1.966749	0.508453	0.6633%
1941	1.953790	0.511826	-5.6614%
1940	2.071040	0.482849	8.0381%
1939	1.916953	0.521661	0.8126%
1938	1.901501	0.525900	0.7762%
1937	1.886855	0.529983	0.6029%
1936	1.875547	0.533178	0.5244%
1935	1.865763	0.535974	-3.0364%
1934	1.924189	0.519699	4.6271%
1933	1.839092	0.543747	1.3921%
1932	1.813841	0.551316	-0.2051%
1931	1.817569	0.550186	0.8886%
1930	1.801560	0.555074	1.0126%
1929	1.783501	0.560695	1.1526%
1928	1.763178	0.567158	1.2160%
1927	1.741996	0.574054	1.4086%
1926	1.717799	0.582140	1.7667%
1925	1.687978	0.592425	1.4465%
1924	1.663909	0.600994	1.7700%
1923	1.634971	0.611632	1.6165%
1922	1.608962	0.621519	1.3736%
1921	1.587160	0.630056	2.3393%
1920	1.550880	0.644795	1.3140%
1919	1.530765	0.653268	0.7676%
1918	1.519104	0.658283	0.3870%
1917	1.513248	0.660830	1.3274%
1916	1.493424	0.669602	1.4083%
1915	1.472684	0.679032	1.4458%
1914	1.451695	0.688850	1.9424%
1913	1.424035	0.702230	1.9857%
1912	1.396309	0.716174	1.5634%
1911	1.374815	0.727371	1.8169%
1910	1.350282	0.740586	1.8781%
1909	1.325390	0.754495	2.0082%
1908	1.299297	0.769647	1.9603%
1907	1.274317	0.784734	1.8264%
1906	1.251461	0.799066	1.9357%
1905	1.227697	0.814533	2.0148%
1904	1.203449	0.830945	2.1335%
1903	1.178310	0.848673	1.8151%
1902	1.157303	0.864078	1.8943%
1901	1.135787	0.880447	3.0255%
1900	1.102433	0.907085	0.6278%
1899	1.095555	0.912780	1.7757%
1898	1.076441	0.928987	1.8078%
1897	1.057327	0.945781	1.8396%
1896	1.038228	0.963180	1.8755%
1895	1.019114	0.981245	1.9114%
1894	1.000000	1.000000	1.9486%
1893	0.980886	1.019486	1.9858%

1892	0.961787	1.039731	2.0276%
1891	0.942673	1.060813	2.6465%
1890	0.918368	1.088888	1.5328%
1889	0.904504	1.105578	2.0811%
1888	0.886064	1.128587	2.1599%
1887	0.867331	1.152963	2.2075%
1886	0.848598	1.178415	2.2592%
1885	0.829850	1.205037	2.3095%
1884	0.811117	1.232868	2.3641%
1883	0.792384	1.262015	2.4214%
1882	0.773651	1.292573	2.4815%
1881	0.754918	1.324648	3.7644%
1880	0.727530	1.374513	0.9432%
1879	0.720732	1.387478	2.1464%
1878	0.705588	1.417258	2.1913%
1877	0.690458	1.448315	2.2426%
1876	0.675313	1.480795	2.2941%
1875	0.660168	1.514765	2.3456%
1874	0.645038	1.550295	2.4043%
1873	0.629894	1.587569	2.4635%
1872	0.614749	1.626680	2.5258%
1871	0.599605	1.667766	5.9947%
1870	0.565693	1.767743	-1.0968%
1869	0.571966	1.748355	2.1930%
1868	0.559692	1.786696	2.2394%
1867	0.547433	1.826707	2.2935%
1866	0.535159	1.868603	2.3445%
1865	0.522900	1.912411	2.4037%
1864	0.510626	1.958380	2.4599%
1863	0.498367	2.006554	2.5250%
1862	0.486093	2.057219	2.5872%
1861	0.473834	2.110445	2.9504%
1860	0.460254	2.172712	2.4012%
1859	0.449462	2.224884	2.7627%
1858	0.437378	2.286351	2.8412%
1857	0.425295	2.351310	2.9243%
1856	0.413211	2.420069	3.0161%
1855	0.401113	2.493062	3.1061%
1854	0.389030	2.570498	3.2056%
1853	0.376946	2.652899	3.3118%
1852	0.364863	2.740757	3.4252%
1851	0.352779	2.834634	4.0106%
1850	0.339176	2.948320	2.3254%
1849	0.331468	3.016880	2.7841%
1848	0.322490	3.100872	2.8590%
1847	0.313526	3.189526	2.9432%
1846	0.304562	3.283399	3.0324%
1845	0.295599	3.382965	3.1325%
1844	0.286620	3.488937	3.2284%
1843	0.277657	3.601572	3.3361%
1842	0.268693	3.721723	3.4512%
1841	0.259729	3.850166	3.8105%
1840	0.250195	3.996876	2.3861%

1839	0.244365	4.092244	2.5824%
1838	0.238213	4.197922	2.6573%
1837	0.232047	4.309474	2.7232%
1836	0.225895	4.426830	2.7994%
1835	0.219744	4.550757	2.8871%
1834	0.213577	4.682142	2.9657%
1833	0.207426	4.821000	3.0563%
1832	0.201274	4.968345	3.1604%
1831	0.195108	5.125366	3.4660%
1830	0.188572	5.303009	2.4653%
1829	0.184035	5.433745	2.6804%
1828	0.179231	5.579390	10.3427%
1827	0.162431	6.156447	-4.2314%
1826	0.169608	5.895941	2.9150%
1825	0.164804	6.067810	3.0026%
1824	0.160000	6.250000	3.0955%
1823	0.155196	6.443469	3.1944%
1822	0.150392	6.649299	3.3102%
1821	0.145573	6.869403	3.2277%
1820	0.141021	7.091130	2.6573%
1819	0.137371	7.279561	2.6261%
1818	0.133856	7.470730	2.6969%
1817	0.130341	7.672210	2.7717%
1816	0.126825	7.884860	2.8507%
1815	0.123310	8.109633	2.9343%
1814	0.119795	8.347598	3.0231%
1813	0.116280	8.599950	3.1039%
1812	0.112779	8.866883	3.2172%
1811	0.109264	9.152145	3.0969%
1810	0.105982	9.435579	2.9144%
1809	0.102981	9.710567	2.8225%
1808	0.100154	9.984645	2.9199%
1807	0.097312	10.276189	2.9918%
1806	0.094486	10.583630	3.0841%
1805	0.091659	10.910035	3.1822%
1804	0.088832	11.257214	3.2868%
1803	0.086005	11.627214	3.3985%
1802	0.083178	12.022363	3.5180%
1801	0.080352	12.445315	3.3999%
1800	0.077709	12.868449	2.8419%
1799	0.075562	13.234154	2.7485%
1798	0.073541	13.597889	2.8261%
1797	0.071520	13.982183	3.7832%
1796	0.068912	14.511158	2.1272%
1795	0.067477	14.819839	3.0879%
1794	0.065456	15.277467	3.1625%
1793	0.063449	15.760619	3.2904%
1792	0.061428	16.279208	3.4024%
1791	0.059407	16.833087	3.2296%
1790	0.057548	17.376722	41.3145%
1780	0.040724	24.555819	29.4353%
1770	0.031462	31.783902	83.4728%
1750	0.017148	58.314827	29.2845%

1740	0.013264	75.392005	94.2514%
1720	0.006828	146.450021	85.8111%
1700	0.003675	272.120367	19.2490%
1690	0.003082	324.500951	88.0250%
1670	0.001639	610.142985	

BASE YEAR: 1893

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	4.500976	0.222174	8.2857%
2001	4.156576	0.240583	1.0000%
2000	4.115421	0.242988	1.0000%
1999	4.074675	0.245418	1.0000%
1998	4.034331	0.247873	1.0000%
1997	3.994387	0.250351	1.0000%
1996	3.954839	0.252855	1.0000%
1995	3.915682	0.255383	0.9992%
1994	3.876943	0.257935	1.0008%
1993	3.838528	0.260517	1.0000%
1992	3.800523	0.263122	0.9295%
1991	3.765522	0.265567	1.2505%
1990	3.719015	0.268888	0.7224%
1989	3.692340	0.270831	1.1077%
1988	3.651889	0.273831	0.8834%
1987	3.619912	0.276250	0.5594%
1986	3.599776	0.277795	1.3056%
1985	3.553382	0.281422	0.7673%
1984	3.526325	0.283581	0.8149%
1983	3.497820	0.285892	0.9737%
1982	3.464088	0.288676	0.9508%
1981	3.431462	0.291421	0.9031%
1980	3.400751	0.294053	2.2701%
1979	3.325265	0.300728	1.0042%
1978	3.292205	0.303748	0.9896%
1977	3.259945	0.306754	0.9103%
1976	3.230536	0.309546	0.8394%
1975	3.203643	0.312145	0.9042%
1974	3.174937	0.314967	1.1568%
1973	3.138629	0.318610	0.9427%
1972	3.109318	0.321614	0.7426%
1971	3.086397	0.324002	1.4697%
1970	3.041692	0.328764	0.6968%
1969	3.020644	0.331055	0.8565%
1968	2.994990	0.333891	1.5090%
1967	2.950467	0.338929	0.9949%
1966	2.921401	0.342301	1.0575%
1965	2.890832	0.345921	1.1300%
1964	2.858530	0.349830	1.5537%
1963	2.814798	0.355265	1.4658%
1962	2.774134	0.360473	1.5364%
1961	2.732156	0.366011	2.1586%
1960	2.674425	0.373912	-1.6655%

1959	2.719722	0.367685	4.3080%
1958	2.607395	0.383525	2.1130%
1957	2.553442	0.391628	1.9895%
1956	2.503632	0.399420	2.1231%
1955	2.451583	0.407900	1.4496%
1954	2.416552	0.413813	2.1573%
1953	2.365522	0.422740	1.2298%
1952	2.336785	0.427938	1.6814%
1951	2.298145	0.435134	1.6233%
1950	2.261435	0.442197	1.4265%
1949	2.229629	0.448505	1.7790%
1948	2.190656	0.456484	1.8242%
1947	2.151411	0.464811	-2.6320%
1946	2.209568	0.452577	3.1768%
1945	2.141535	0.466955	6.4754%
1944	2.011296	0.497192	-0.3437%
1943	2.018232	0.495483	0.6562%
1942	2.005074	0.498735	0.6633%
1941	1.991862	0.502043	-5.6614%
1940	2.111397	0.473620	8.0381%
1939	1.954308	0.511690	0.8126%
1938	1.938555	0.515848	0.7762%
1937	1.923623	0.519853	0.6029%
1936	1.912095	0.522987	0.5244%
1935	1.902120	0.525729	-3.0364%
1934	1.961684	0.509766	4.6271%
1933	1.874929	0.533354	1.3921%
1932	1.849186	0.540778	-0.2051%
1931	1.852986	0.539669	0.8886%
1930	1.836666	0.544465	1.0126%
1929	1.818254	0.549978	1.1526%
1928	1.797536	0.556317	1.2160%
1927	1.775941	0.563082	1.4086%
1926	1.751273	0.571013	1.7667%
1925	1.720870	0.581101	1.4465%
1924	1.696333	0.589507	1.7700%
1923	1.666830	0.599941	1.6165%
1922	1.640314	0.609639	1.3736%
1921	1.618088	0.618014	2.3393%
1920	1.581101	0.632471	1.3140%
1919	1.560594	0.640782	0.7676%
1918	1.548706	0.645700	0.3870%
1917	1.542736	0.648199	1.3274%
1916	1.522525	0.656804	1.4083%
1915	1.501381	0.666053	1.4458%
1914	1.479984	0.675683	1.9424%
1913	1.451784	0.688808	1.9857%
1912	1.423518	0.702485	1.5634%
1911	1.401605	0.713468	1.8169%
1910	1.376594	0.726431	1.8781%
1909	1.351217	0.740074	2.0082%
1908	1.324615	0.754936	1.9603%
1907	1.299149	0.769735	1.8264%

1906	1.275847	0.783793	1.9357%
1905	1.251620	0.798964	2.0148%
1904	1.226900	0.815062	2.1335%
1903	1.201271	0.832452	1.8151%
1902	1.179855	0.847562	1.8943%
1901	1.157920	0.863618	3.0255%
1900	1.123915	0.889747	0.6278%
1899	1.116903	0.895333	1.7757%
1898	1.097417	0.911231	1.8078%
1897	1.077930	0.927704	1.8396%
1896	1.058459	0.944770	1.8755%
1895	1.038973	0.962489	1.9114%
1894	1.019486	0.980886	1.9486%
1893	1.000000	1.000000	1.9858%
1892	0.980529	1.019858	2.0276%
1891	0.961042	1.040537	2.6465%
1890	0.936264	1.068075	1.5328%
1889	0.922129	1.084447	2.0811%
1888	0.903330	1.107015	2.1599%
1887	0.884232	1.130925	2.2075%
1886	0.865134	1.155891	2.2592%
1885	0.846021	1.182004	2.3095%
1884	0.826923	1.209303	2.3641%
1883	0.807824	1.237893	2.4214%
1882	0.788726	1.267867	2.4815%
1881	0.769628	1.299329	3.7644%
1880	0.741707	1.348241	0.9432%
1879	0.734777	1.360958	2.1464%
1878	0.719337	1.390169	2.1913%
1877	0.703912	1.420632	2.2426%
1876	0.688472	1.452491	2.2941%
1875	0.673033	1.485812	2.3456%
1874	0.657608	1.520663	2.4043%
1873	0.642168	1.557225	2.4635%
1872	0.626728	1.595588	2.5258%
1871	0.611289	1.635888	5.9947%
1870	0.576716	1.733955	-1.0968%
1869	0.583112	1.714937	2.1930%
1868	0.570599	1.752545	2.2394%
1867	0.558101	1.791792	2.2935%
1866	0.545588	1.832886	2.3445%
1865	0.533089	1.875858	2.4037%
1864	0.520576	1.920948	2.4599%
1863	0.508078	1.968201	2.5250%
1862	0.495565	2.017898	2.5872%
1861	0.483067	2.070106	2.9504%
1860	0.469223	2.131183	2.4012%
1859	0.458220	2.182357	2.7627%
1858	0.445901	2.242650	2.8412%
1857	0.433582	2.306368	2.9243%
1856	0.421263	2.373813	3.0161%
1855	0.408929	2.445410	3.1061%
1854	0.396610	2.521366	3.2056%

1853	0.384291	2.602191	3.3118%
1852	0.371973	2.688371	3.4252%
1851	0.359654	2.780453	4.0106%
1850	0.345785	2.891966	2.3254%
1849	0.337927	2.959215	2.7841%
1848	0.328774	3.041602	2.8590%
1847	0.319636	3.128562	2.9432%
1846	0.310497	3.220641	3.0324%
1845	0.301359	3.318303	3.1325%
1844	0.292205	3.422249	3.2284%
1843	0.283067	3.532732	3.3361%
1842	0.273929	3.650586	3.4512%
1841	0.264790	3.776575	3.8105%
1840	0.255071	3.920481	2.3861%
1839	0.249126	4.014025	2.5824%
1838	0.242855	4.117683	2.6573%
1837	0.236569	4.227103	2.7232%
1836	0.230297	4.342216	2.7994%
1835	0.224026	4.463774	2.8871%
1834	0.217739	4.592648	2.9657%
1833	0.211468	4.728852	3.0563%
1832	0.205196	4.873381	3.1604%
1831	0.198910	5.027400	3.4660%
1830	0.192247	5.201648	2.4653%
1829	0.187621	5.329885	2.6804%
1828	0.182724	5.472747	10.3427%
1827	0.165597	6.038774	-4.2314%
1826	0.172913	5.783247	2.9150%
1825	0.168016	5.951831	3.0026%
1824	0.163118	6.130538	3.0955%
1823	0.158220	6.320310	3.1944%
1822	0.153322	6.522205	3.3102%
1821	0.148410	6.738102	3.2277%
1820	0.143769	6.955591	2.6573%
1819	0.140048	7.140420	2.6261%
1818	0.136464	7.327935	2.6969%
1817	0.132880	7.525565	2.7717%
1816	0.129297	7.734149	2.8507%
1815	0.125713	7.954626	2.9343%
1814	0.122129	8.188043	3.0231%
1813	0.118546	8.435571	3.1039%
1812	0.114977	8.697403	3.2172%
1811	0.111393	8.977212	3.0969%
1810	0.108047	9.255228	2.9144%
1809	0.104987	9.524961	2.8225%
1808	0.102105	9.793799	2.9199%
1807	0.099209	10.079771	2.9918%
1806	0.096327	10.381336	3.0841%
1805	0.093445	10.701502	3.1822%
1804	0.090563	11.042045	3.2868%
1803	0.087681	11.404973	3.3985%
1802	0.084799	11.792569	3.5180%
1801	0.081917	12.207437	3.3999%

1800	0.079224	12.622484	2.8419%
1799	0.077034	12.981198	2.7485%
1798	0.074974	13.337980	2.8261%
1797	0.072913	13.714929	3.7832%
1796	0.070255	14.233794	2.1272%
1795	0.068792	14.536575	3.0879%
1794	0.066731	14.985455	3.1625%
1793	0.064686	15.459372	3.2904%
1792	0.062625	15.968050	3.4024%
1791	0.060564	16.511341	3.2296%
1790	0.058670	17.044585	41.3145%
1780	0.041517	24.086462	29.4353%
1770	0.032076	31.176388	83.4728%
1750	0.017482	57.200205	29.2845%
1740	0.013522	73.950972	94.2514%
1720	0.006961	143.650794	85.8111%
1700	0.003746	266.919091	19.2490%
1690	0.003142	318.298479	88.0250%
1670	0.001671	598.480786	

BASE YEAR: 1892

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.590356	0.217848	8.2857%
2001	4.239118	0.235898	1.0000%
2000	4.197146	0.238257	1.0000%
1999	4.155590	0.240640	1.0000%
1998	4.114445	0.243046	1.0000%
1997	4.073708	0.245477	1.0000%
1996	4.033375	0.247931	1.0000%
1995	3.993440	0.250411	0.9992%
1994	3.953932	0.252913	1.0008%
1993	3.914754	0.255444	1.0000%
1992	3.875994	0.257998	0.9295%
1991	3.840298	0.260396	1.2505%
1990	3.792867	0.263653	0.7224%
1989	3.765663	0.265558	1.1077%
1988	3.724408	0.268499	0.8834%
1987	3.691796	0.270871	0.5594%
1986	3.671261	0.272386	1.3056%
1985	3.623945	0.275942	0.7673%
1984	3.596351	0.278060	0.8149%
1983	3.567280	0.280326	0.9737%
1982	3.532879	0.283055	0.9508%
1981	3.499604	0.285747	0.9031%
1980	3.468283	0.288327	2.2701%
1979	3.391298	0.294872	1.0042%
1978	3.357582	0.297833	0.9896%
1977	3.324681	0.300781	0.9103%
1976	3.294688	0.303519	0.8394%
1975	3.267262	0.306067	0.9042%
1974	3.237985	0.308834	1.1568%

1973	3.200956	0.312407	0.9427%
1972	3.171063	0.315352	0.7426%
1971	3.147687	0.317694	1.4697%
1970	3.102094	0.322363	0.6968%
1969	3.080628	0.324609	0.8565%
1968	3.054465	0.327390	1.5090%
1967	3.009057	0.332330	0.9949%
1966	2.979415	0.335636	1.0575%
1965	2.948238	0.339186	1.1300%
1964	2.915295	0.343018	1.5537%
1963	2.870694	0.348348	1.4658%
1962	2.829223	0.353454	1.5364%
1961	2.786412	0.358885	2.1586%
1960	2.727534	0.366632	-1.6655%
1959	2.773730	0.360525	4.3080%
1958	2.659173	0.376057	2.1130%
1957	2.604148	0.384003	1.9895%
1956	2.553350	0.391642	2.1231%
1955	2.500267	0.399957	1.4496%
1954	2.464540	0.405755	2.1573%
1953	2.412497	0.414508	1.2298%
1952	2.383189	0.419606	1.6814%
1951	2.343781	0.426661	1.6233%
1950	2.306343	0.433587	1.4265%
1949	2.273905	0.439772	1.7790%
1948	2.234158	0.447596	1.8242%
1947	2.194134	0.455761	-2.6320%
1946	2.253445	0.443765	3.1768%
1945	2.184062	0.457862	6.4754%
1944	2.051236	0.487511	-0.3437%
1943	2.058310	0.485835	0.6562%
1942	2.044891	0.489024	0.6633%
1941	2.031417	0.492267	-5.6614%
1940	2.153326	0.464398	8.0381%
1939	1.993117	0.501727	0.8126%
1938	1.977051	0.505804	0.7762%
1937	1.961822	0.509730	0.6029%
1936	1.950065	0.512803	0.5244%
1935	1.939893	0.515492	-3.0364%
1934	2.000640	0.499840	4.6271%
1933	1.912162	0.522968	1.3921%
1932	1.885907	0.530249	-0.2051%
1931	1.889783	0.529161	0.8886%
1930	1.873138	0.533863	1.0126%
1929	1.854361	0.539269	1.1526%
1928	1.833232	0.545485	1.2160%
1927	1.811207	0.552118	1.4086%
1926	1.786050	0.559895	1.7667%
1925	1.755043	0.569786	1.4465%
1924	1.730019	0.578028	1.7700%
1923	1.699930	0.588259	1.6165%
1922	1.672888	0.597769	1.3736%
1921	1.650220	0.605980	2.3393%

1920	1.612498	0.620156	1.3140%
1919	1.591585	0.628305	0.7676%
1918	1.579460	0.633128	0.3870%
1917	1.573371	0.635578	1.3274%
1916	1.552759	0.644015	1.4083%
1915	1.531196	0.653084	1.4458%
1914	1.509373	0.662527	1.9424%
1913	1.480614	0.675395	1.9857%
1912	1.451786	0.688807	1.5634%
1911	1.429438	0.699575	1.8169%
1910	1.403930	0.712286	1.8781%
1909	1.378050	0.725663	2.0082%
1908	1.350920	0.740236	1.9603%
1907	1.324947	0.754747	1.8264%
1906	1.301183	0.768531	1.9357%
1905	1.276475	0.783407	2.0148%
1904	1.251264	0.799192	2.1335%
1903	1.225126	0.816243	1.8151%
1902	1.203284	0.831059	1.8943%
1901	1.180914	0.846802	3.0255%
1900	1.146234	0.872422	0.6278%
1899	1.139083	0.877899	1.7757%
1898	1.119209	0.893488	1.8078%
1897	1.099336	0.909640	1.8396%
1896	1.079478	0.926374	1.8755%
1895	1.059605	0.943748	1.9114%
1894	1.039731	0.961787	1.9486%
1893	1.019858	0.980529	1.9858%
1892	1.000000	1.000000	2.0276%
1891	0.980127	1.020276	2.6465%
1890	0.954856	1.047278	1.5328%
1889	0.940441	1.063331	2.0811%
1888	0.921268	1.085460	2.1599%
1887	0.901791	1.108905	2.2075%
1886	0.882314	1.133384	2.2592%
1885	0.862821	1.158989	2.3095%
1884	0.843344	1.185756	2.3641%
1883	0.823866	1.213789	2.4214%
1882	0.804389	1.243180	2.4815%
1881	0.784912	1.274029	3.7644%
1880	0.756436	1.321988	0.9432%
1879	0.749368	1.334458	2.1464%
1878	0.733622	1.363100	2.1913%
1877	0.717891	1.392970	2.2426%
1876	0.702144	1.424209	2.2941%
1875	0.686398	1.456881	2.3456%
1874	0.670667	1.491054	2.4043%
1873	0.654920	1.526903	2.4635%
1872	0.639174	1.564519	2.5258%
1871	0.623428	1.604035	5.9947%
1870	0.588169	1.700192	-1.0968%
1869	0.594691	1.681545	2.1930%
1868	0.581930	1.718420	2.2394%

1867	0.569183	1.756903	2.2935%
1866	0.556422	1.797197	2.3445%
1865	0.543676	1.839332	2.4037%
1864	0.530914	1.883544	2.4599%
1863	0.518168	1.929877	2.5250%
1862	0.505406	1.978607	2.5872%
1861	0.492660	2.029798	2.9504%
1860	0.478541	2.089685	2.4012%
1859	0.467319	2.139864	2.7627%
1858	0.454756	2.198982	2.8412%
1857	0.442192	2.261460	2.9243%
1856	0.429629	2.327591	3.0161%
1855	0.417050	2.397794	3.1061%
1854	0.404486	2.472271	3.2056%
1853	0.391923	2.551523	3.3118%
1852	0.379359	2.636024	3.4252%
1851	0.366796	2.726314	4.0106%
1850	0.352652	2.835656	2.3254%
1849	0.344638	2.901595	2.7841%
1848	0.335303	2.982378	2.8590%
1847	0.325983	3.067645	2.9432%
1846	0.316663	3.157930	3.0324%
1845	0.307343	3.253691	3.1325%
1844	0.298008	3.355613	3.2284%
1843	0.288688	3.463945	3.3361%
1842	0.279368	3.579504	3.4512%
1841	0.270048	3.703040	3.8105%
1840	0.260136	3.844143	2.3861%
1839	0.254074	3.935867	2.5824%
1838	0.247678	4.037506	2.6573%
1837	0.241266	4.144796	2.7232%
1836	0.234870	4.257667	2.7994%
1835	0.228474	4.376858	2.8871%
1834	0.222063	4.503223	2.9657%
1833	0.215667	4.636774	3.0563%
1832	0.209271	4.778489	3.1604%
1831	0.202860	4.929510	3.4660%
1830	0.196064	5.100365	2.4653%
1829	0.191347	5.226104	2.6804%
1828	0.186352	5.366185	10.3427%
1827	0.168885	5.921190	-4.2314%
1826	0.176347	5.670639	2.9150%
1825	0.171352	5.835940	3.0026%
1824	0.166357	6.011168	3.0955%
1823	0.161362	6.197244	3.1944%
1822	0.156367	6.395208	3.3102%
1821	0.151357	6.606902	3.2277%
1820	0.146624	6.820156	2.6573%
1819	0.142829	7.001386	2.6261%
1818	0.139174	7.185250	2.6969%
1817	0.135519	7.379031	2.7717%
1816	0.131864	7.583555	2.8507%
1815	0.128209	7.799739	2.9343%

1814	0.124555	8.028610	3.0231%
1813	0.120900	8.271319	3.1039%
1812	0.117260	8.528052	3.2172%
1811	0.113605	8.802413	3.0969%
1810	0.110193	9.075016	2.9144%
1809	0.107072	9.339497	2.8225%
1808	0.104133	9.603100	2.9199%
1807	0.101179	9.883504	2.9918%
1806	0.098240	10.179197	3.0841%
1805	0.095300	10.493129	3.1822%
1804	0.092361	10.827040	3.2868%
1803	0.089422	11.182902	3.3985%
1802	0.086483	11.562951	3.5180%
1801	0.083544	11.969741	3.3999%
1800	0.080797	12.376706	2.8419%
1799	0.078564	12.728436	2.7485%
1798	0.076463	13.078271	2.8261%
1797	0.074361	13.447880	3.7832%
1796	0.071650	13.956642	2.1272%
1795	0.070158	14.253527	3.0879%
1794	0.068057	14.693667	3.1625%
1793	0.065970	15.158356	3.2904%
1792	0.063869	15.657129	3.4024%
1791	0.061767	16.189842	3.2296%
1790	0.059835	16.712703	41.3145%
1780	0.042342	23.617465	29.4353%
1770	0.032713	30.569340	83.4728%
1750	0.017830	56.086437	29.2845%
1740	0.013791	72.511042	94.2514%
1720	0.007100	140.853711	85.8111%
1700	0.003821	261.721802	19.2490%
1690	0.003204	312.100760	88.0250%
1670	0.001704	586.827525	

BASE YEAR: 1891

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.683432	0.213519	8.2857%
2001	4.325071	0.231210	1.0000%
2000	4.282248	0.233522	1.0000%
1999	4.239850	0.235857	1.0000%
1998	4.197871	0.238216	1.0000%
1997	4.156308	0.240598	1.0000%
1996	4.115156	0.243004	1.0000%
1995	4.074412	0.245434	0.9992%
1994	4.034103	0.247887	1.0008%
1993	3.994130	0.250367	1.0000%
1992	3.954584	0.252871	0.9295%
1991	3.918165	0.255222	1.2505%
1990	3.869773	0.258413	0.7224%
1989	3.842016	0.260280	1.1077%
1988	3.799925	0.263163	0.8834%

1987	3.766652	0.265488	0.5594%
1986	3.745700	0.266973	1.3056%
1985	3.697425	0.270458	0.7673%
1984	3.669272	0.272534	0.8149%
1983	3.639611	0.274755	0.9737%
1982	3.604512	0.277430	0.9508%
1981	3.570563	0.280068	0.9031%
1980	3.538607	0.282597	2.2701%
1979	3.460061	0.289012	1.0042%
1978	3.425662	0.291914	0.9896%
1977	3.392093	0.294803	0.9103%
1976	3.361492	0.297487	0.8394%
1975	3.333509	0.299984	0.9042%
1974	3.303639	0.302697	1.1568%
1973	3.265860	0.306198	0.9427%
1972	3.235360	0.309085	0.7426%
1971	3.211510	0.311380	1.4697%
1970	3.164993	0.315956	0.6968%
1969	3.143091	0.318158	0.8565%
1968	3.116398	0.320883	1.5090%
1967	3.070070	0.325726	0.9949%
1966	3.039826	0.328966	1.0575%
1965	3.008017	0.332445	1.1300%
1964	2.974406	0.336202	1.5537%
1963	2.928901	0.341425	1.4658%
1962	2.886589	0.346430	1.5364%
1961	2.842910	0.351752	2.1586%
1960	2.782838	0.359345	-1.6655%
1959	2.829971	0.353361	4.3080%
1958	2.713091	0.368583	2.1130%
1957	2.656951	0.376371	1.9895%
1956	2.605122	0.383859	2.1231%
1955	2.550963	0.392009	1.4496%
1954	2.514512	0.397691	2.1573%
1953	2.461413	0.406271	1.2298%
1952	2.431511	0.411267	1.6814%
1951	2.391305	0.418182	1.6233%
1950	2.353107	0.424970	1.4265%
1949	2.320011	0.431032	1.7790%
1948	2.279459	0.438701	1.8242%
1947	2.238623	0.446703	-2.6320%
1946	2.299137	0.434946	3.1768%
1945	2.228347	0.448763	6.4754%
1944	2.092827	0.477822	-0.3437%
1943	2.100045	0.476180	0.6562%
1942	2.086354	0.479305	0.6633%
1941	2.072606	0.482484	-5.6614%
1940	2.196987	0.455169	8.0381%
1939	2.033530	0.491756	0.8126%
1938	2.017138	0.495752	0.7762%
1937	2.001600	0.499600	0.6029%
1936	1.989606	0.502612	0.5244%
1935	1.979227	0.505248	-3.0364%

1934	2.041205	0.489907	4.6271%
1933	1.950933	0.512575	1.3921%
1932	1.924147	0.519711	-0.2051%
1931	1.928101	0.518645	0.8886%
1930	1.911119	0.523254	1.0126%
1929	1.891961	0.528552	1.1526%
1928	1.870403	0.534644	1.2160%
1927	1.847932	0.541145	1.4086%
1926	1.822264	0.548768	1.7667%
1925	1.790629	0.558463	1.4465%
1924	1.765097	0.566541	1.7700%
1923	1.734399	0.576569	1.6165%
1922	1.706808	0.585889	1.3736%
1921	1.683680	0.593937	2.3393%
1920	1.645194	0.607831	1.3140%
1919	1.623856	0.615818	0.7676%
1918	1.611486	0.620545	0.3870%
1917	1.605273	0.622947	1.3274%
1916	1.584244	0.631216	1.4083%
1915	1.562243	0.640105	1.4458%
1914	1.539978	0.649360	1.9424%
1913	1.510635	0.661973	1.9857%
1912	1.481223	0.675118	1.5634%
1911	1.458422	0.685673	1.8169%
1910	1.432397	0.698131	1.8781%
1909	1.405991	0.711242	2.0082%
1908	1.378311	0.725525	1.9603%
1907	1.351812	0.739748	1.8264%
1906	1.327566	0.753258	1.9357%
1905	1.302357	0.767839	2.0148%
1904	1.276635	0.783309	2.1335%
1903	1.249967	0.800021	1.8151%
1902	1.227682	0.814543	1.8943%
1901	1.204858	0.829973	3.0255%
1900	1.169476	0.855084	0.6278%
1899	1.162179	0.860453	1.7757%
1898	1.141903	0.875731	1.8078%
1897	1.121626	0.891562	1.8396%
1896	1.101366	0.907964	1.8755%
1895	1.081089	0.924993	1.9114%
1894	1.060813	0.942673	1.9486%
1893	1.040537	0.961042	1.9858%
1892	1.020276	0.980127	2.0276%
1891	1.000000	1.000000	2.6465%
1890	0.974217	1.026465	1.5328%
1889	0.959510	1.042199	2.0811%
1888	0.939948	1.063889	2.1599%
1887	0.920076	1.086867	2.2075%
1886	0.900204	1.110860	2.2592%
1885	0.880316	1.135956	2.3095%
1884	0.860443	1.162191	2.3641%
1883	0.840571	1.189667	2.4214%
1882	0.820699	1.218474	2.4815%

1881	0.800827	1.248710	3.7644%
1880	0.771774	1.295716	0.9432%
1879	0.764562	1.307938	2.1464%
1878	0.748497	1.336011	2.1913%
1877	0.732447	1.365287	2.2426%
1876	0.716381	1.395905	2.2941%
1875	0.700315	1.427928	2.3456%
1874	0.684265	1.461421	2.4043%
1873	0.668200	1.496559	2.4635%
1872	0.652134	1.533427	2.5258%
1871	0.636068	1.572158	5.9947%
1870	0.600095	1.666404	-1.0968%
1869	0.606749	1.648127	2.1930%
1868	0.593729	1.684270	2.2394%
1867	0.580724	1.721987	2.2935%
1866	0.567704	1.761481	2.3445%
1865	0.554699	1.802779	2.4037%
1864	0.541679	1.846112	2.4599%
1863	0.528674	1.891524	2.5250%
1862	0.515654	1.939285	2.5872%
1861	0.502649	1.989459	2.9504%
1860	0.488244	2.048157	2.4012%
1859	0.476795	2.097338	2.7627%
1858	0.463977	2.155281	2.8412%
1857	0.451158	2.216517	2.9243%
1856	0.438340	2.281334	3.0161%
1855	0.425506	2.350142	3.1061%
1854	0.412688	2.423139	3.2056%
1853	0.399869	2.500816	3.3118%
1852	0.387051	2.583638	3.4252%
1851	0.374233	2.672133	4.0106%
1850	0.359803	2.779302	2.3254%
1849	0.351626	2.843931	2.7841%
1848	0.342102	2.923108	2.8590%
1847	0.332593	3.006680	2.9432%
1846	0.323084	3.095172	3.0324%
1845	0.313575	3.189030	3.1325%
1844	0.304051	3.288926	3.2284%
1843	0.294542	3.395105	3.3361%
1842	0.285033	3.508367	3.4512%
1841	0.275524	3.629448	3.8105%
1840	0.265411	3.767748	2.3861%
1839	0.259225	3.857648	2.5824%
1838	0.252700	3.957268	2.6573%
1837	0.246158	4.062425	2.7232%
1836	0.239633	4.173053	2.7994%
1835	0.233107	4.289875	2.8871%
1834	0.226566	4.413729	2.9657%
1833	0.220040	4.544626	3.0563%
1832	0.213514	4.683525	3.1604%
1831	0.206973	4.831544	3.4660%
1830	0.200040	4.999004	2.4653%
1829	0.195227	5.122244	2.6804%

1828	0.190131	5.259541	10.3427%
1827	0.172309	5.803517	-4.2314%
1826	0.179923	5.557945	2.9150%
1825	0.174826	5.719961	3.0026%
1824	0.169730	5.891706	3.0955%
1823	0.164634	6.074085	3.1944%
1822	0.159538	6.268115	3.3102%
1821	0.154426	6.475601	3.2277%
1820	0.149597	6.684617	2.6573%
1819	0.145725	6.862245	2.6261%
1818	0.141996	7.042455	2.6969%
1817	0.138267	7.232386	2.7717%
1816	0.134538	7.432844	2.8507%
1815	0.130809	7.644732	2.9343%
1814	0.127080	7.869055	3.0231%
1813	0.123351	8.106940	3.1039%
1812	0.119638	8.358571	3.2172%
1811	0.115909	8.627480	3.0969%
1810	0.112427	8.894666	2.9144%
1809	0.109243	9.153890	2.8225%
1808	0.106244	9.412255	2.9199%
1807	0.103230	9.687086	2.9918%
1806	0.100232	9.976903	3.0841%
1805	0.097233	10.284596	3.1822%
1804	0.094234	10.611871	3.2868%
1803	0.091235	10.960661	3.3985%
1802	0.088237	11.333157	3.5180%
1801	0.085238	11.731863	3.3999%
1800	0.082435	12.130740	2.8419%
1799	0.080157	12.475480	2.7485%
1798	0.078013	12.818363	2.8261%
1797	0.075869	13.180627	3.7832%
1796	0.073103	13.679277	2.1272%
1795	0.071581	13.970263	3.0879%
1794	0.069436	14.401656	3.1625%
1793	0.067308	14.857110	3.2904%
1792	0.065164	15.345970	3.4024%
1791	0.063020	15.868097	3.2296%
1790	0.061048	16.380567	41.3145%
1780	0.043200	23.148108	29.4353%
1770	0.033376	29.961827	83.4728%
1750	0.018191	54.971814	29.2845%
1740	0.014071	71.070009	94.2514%
1720	0.007244	138.054483	85.8111%
1700	0.003898	256.520526	19.2490%
1690	0.003269	305.898289	88.0250%
1670	0.001739	575.165326	

BASE YEAR: 1890

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 4.807380 0.208014 8.2857%

2001	4.439535	0.225249	1.0000%
2000	4.395579	0.227501	1.0000%
1999	4.352058	0.229776	1.0000%
1998	4.308968	0.232074	1.0000%
1997	4.266305	0.234395	1.0000%
1996	4.224065	0.236739	1.0000%
1995	4.182242	0.239106	0.9992%
1994	4.140866	0.241495	1.0008%
1993	4.099835	0.243912	1.0000%
1992	4.059243	0.246351	0.9295%
1991	4.021860	0.248641	1.2505%
1990	3.972187	0.251750	0.7224%
1989	3.943696	0.253569	1.1077%
1988	3.900491	0.256378	0.8834%
1987	3.866337	0.258643	0.5594%
1986	3.844831	0.260089	1.3056%
1985	3.795278	0.263485	0.7673%
1984	3.766380	0.265507	0.8149%
1983	3.735934	0.267671	0.9737%
1982	3.699906	0.270277	0.9508%
1981	3.665058	0.272847	0.9031%
1980	3.632257	0.275311	2.2701%
1979	3.551632	0.281561	1.0042%
1978	3.516322	0.284388	0.9896%
1977	3.481865	0.287202	0.9103%
1976	3.450455	0.289817	0.8394%
1975	3.421731	0.292250	0.9042%
1974	3.391070	0.294892	1.1568%
1973	3.352291	0.298303	0.9427%
1972	3.320984	0.301116	0.7426%
1971	3.296503	0.303352	1.4697%
1970	3.248755	0.307810	0.6968%
1969	3.226274	0.309955	0.8565%
1968	3.198874	0.312610	1.5090%
1967	3.151320	0.317327	0.9949%
1966	3.120276	0.320485	1.0575%
1965	3.087625	0.323874	1.1300%
1964	3.053124	0.327533	1.5537%
1963	3.006415	0.332622	1.4658%
1962	2.962983	0.337498	1.5364%
1961	2.918148	0.342683	2.1586%
1960	2.856486	0.350080	-1.6655%
1959	2.904866	0.344250	4.3080%
1958	2.784893	0.359080	2.1130%
1957	2.727267	0.366667	1.9895%
1956	2.674067	0.373962	2.1231%
1955	2.618474	0.381902	1.4496%
1954	2.581059	0.387438	2.1573%
1953	2.526555	0.395796	1.2298%
1952	2.495862	0.400663	1.6814%
1951	2.454591	0.407400	1.6233%
1950	2.415383	0.414013	1.4265%
1949	2.381411	0.419919	1.7790%

1948	2.339785	0.427390	1.8242%
1947	2.297868	0.435186	-2.6320%
1946	2.359984	0.423732	3.1768%
1945	2.287320	0.437193	6.4754%
1944	2.148214	0.465503	-0.3437%
1943	2.155623	0.463903	0.6562%
1942	2.141569	0.466947	0.6633%
1941	2.127458	0.470045	-5.6614%
1940	2.255131	0.443433	8.0381%
1939	2.087347	0.479077	0.8126%
1938	2.070522	0.482970	0.7762%
1937	2.054573	0.486719	0.6029%
1936	2.042261	0.489653	0.5244%
1935	2.031607	0.492221	-3.0364%
1934	2.095226	0.477276	4.6271%
1933	2.002565	0.499360	1.3921%
1932	1.975069	0.506311	-0.2051%
1931	1.979128	0.505273	0.8886%
1930	1.961697	0.509763	1.0126%
1929	1.942032	0.514925	1.1526%
1928	1.919903	0.520860	1.2160%
1927	1.896838	0.527193	1.4086%
1926	1.870490	0.534619	1.7667%
1925	1.838018	0.544064	1.4465%
1924	1.811810	0.551934	1.7700%
1923	1.780300	0.561703	1.6165%
1922	1.751979	0.570783	1.3736%
1921	1.728239	0.578624	2.3393%
1920	1.688734	0.592160	1.3140%
1919	1.666832	0.599941	0.7676%
1918	1.654134	0.604546	0.3870%
1917	1.647757	0.606886	1.3274%
1916	1.626171	0.614942	1.4083%
1915	1.603588	0.623602	1.4458%
1914	1.580733	0.632618	1.9424%
1913	1.550615	0.644906	1.9857%
1912	1.520424	0.657711	1.5634%
1911	1.497019	0.667994	1.8169%
1910	1.470305	0.680131	1.8781%
1909	1.443201	0.692904	2.0082%
1908	1.414789	0.706819	1.9603%
1907	1.387588	0.720675	1.8264%
1906	1.362701	0.733837	1.9357%
1905	1.336824	0.748042	2.0148%
1904	1.310421	0.763113	2.1335%
1903	1.283047	0.779395	1.8151%
1902	1.260173	0.793542	1.8943%
1901	1.236745	0.808574	3.0255%
1900	1.200426	0.833038	0.6278%
1899	1.192936	0.838268	1.7757%
1898	1.172123	0.853153	1.8078%
1897	1.151310	0.868575	1.8396%
1896	1.130514	0.884554	1.8755%

1895	1.109701	0.901144	1.9114%
1894	1.088888	0.918368	1.9486%
1893	1.068075	0.936264	1.9858%
1892	1.047278	0.954856	2.0276%
1891	1.026465	0.974217	2.6465%
1890	1.000000	1.000000	1.5328%
1889	0.984903	1.015328	2.0811%
1888	0.964824	1.036458	2.1599%
1887	0.944426	1.058844	2.2075%
1886	0.924028	1.082219	2.2592%
1885	0.903613	1.106668	2.3095%
1884	0.883215	1.132227	2.3641%
1883	0.862817	1.158994	2.4214%
1882	0.842419	1.187058	2.4815%
1881	0.822021	1.216515	3.7644%
1880	0.792199	1.262309	0.9432%
1879	0.784797	1.274215	2.1464%
1878	0.768306	1.301565	2.1913%
1877	0.751831	1.330086	2.2426%
1876	0.735340	1.359915	2.2941%
1875	0.718849	1.391112	2.3456%
1874	0.702375	1.423742	2.4043%
1873	0.685884	1.457973	2.4635%
1872	0.669393	1.493891	2.5258%
1871	0.652902	1.531623	5.9947%
1870	0.615976	1.623439	-1.0968%
1869	0.622807	1.605633	2.1930%
1868	0.609442	1.640845	2.2394%
1867	0.596093	1.677590	2.2935%
1866	0.582728	1.716065	2.3445%
1865	0.569379	1.756298	2.4037%
1864	0.556015	1.798514	2.4599%
1863	0.542666	1.842755	2.5250%
1862	0.529301	1.889285	2.5872%
1861	0.515952	1.938165	2.9504%
1860	0.501165	1.995349	2.4012%
1859	0.489413	2.043262	2.7627%
1858	0.476256	2.099712	2.8412%
1857	0.463098	2.159369	2.9243%
1856	0.449941	2.222515	3.0161%
1855	0.436767	2.289549	3.1061%
1854	0.423610	2.360664	3.2056%
1853	0.410452	2.436338	3.3118%
1852	0.397295	2.517024	3.4252%
1851	0.384137	2.603238	4.0106%
1850	0.369325	2.707644	2.3254%
1849	0.360932	2.770606	2.7841%
1848	0.351155	2.847742	2.8590%
1847	0.341395	2.929160	2.9432%
1846	0.331634	3.015369	3.0324%
1845	0.321874	3.106808	3.1325%
1844	0.312097	3.204129	3.2284%
1843	0.302337	3.307569	3.3361%

1842	0.292576	3.417912	3.4512%
1841	0.282816	3.535871	3.8105%
1840	0.272435	3.670604	2.3861%
1839	0.266086	3.758187	2.5824%
1838	0.259387	3.855238	2.6573%
1837	0.252673	3.957684	2.7232%
1836	0.245975	4.065460	2.7994%
1835	0.239276	4.179270	2.8871%
1834	0.232562	4.299931	2.9657%
1833	0.225863	4.427453	3.0563%
1832	0.219165	4.562770	3.1604%
1831	0.212451	4.706973	3.4660%
1830	0.205334	4.870115	2.4653%
1829	0.200394	4.990178	2.6804%
1828	0.195163	5.123935	10.3427%
1827	0.176870	5.653886	-4.2314%
1826	0.184684	5.414645	2.9150%
1825	0.179453	5.572484	3.0026%
1824	0.174222	5.739802	3.0955%
1823	0.168991	5.917478	3.1944%
1822	0.163760	6.106505	3.3102%
1821	0.158513	6.308642	3.2277%
1820	0.153556	6.512268	2.6573%
1819	0.149582	6.685317	2.6261%
1818	0.145754	6.860881	2.6969%
1817	0.141926	7.045914	2.7717%
1816	0.138099	7.241205	2.8507%
1815	0.134271	7.447629	2.9343%
1814	0.130443	7.666168	3.0231%
1813	0.126616	7.897921	3.1039%
1812	0.122804	8.143064	3.2172%
1811	0.118976	8.405039	3.0969%
1810	0.115402	8.665336	2.9144%
1809	0.112134	8.917877	2.8225%
1808	0.109056	9.169581	2.9199%
1807	0.105962	9.437326	2.9918%
1806	0.102884	9.719670	3.0841%
1805	0.099806	10.019430	3.1822%
1804	0.096728	10.338267	3.2868%
1803	0.093650	10.678064	3.3985%
1802	0.090572	11.040957	3.5180%
1801	0.087494	11.429382	3.3999%
1800	0.084617	11.817975	2.8419%
1799	0.082279	12.153827	2.7485%
1798	0.080078	12.487869	2.8261%
1797	0.077877	12.840793	3.7832%
1796	0.075038	13.326587	2.1272%
1795	0.073475	13.610070	3.0879%
1794	0.071274	14.030341	3.1625%
1793	0.069089	14.474052	3.2904%
1792	0.066888	14.950308	3.4024%
1791	0.064687	15.458972	3.2296%
1790	0.062664	15.958230	41.3145%

1780	0.044343	22.551285	29.4353%
1770	0.034259	29.189326	83.4728%
1750	0.018673	53.554486	29.2845%
1740	0.014443	69.237624	94.2514%
1720	0.007435	134.495049	85.8111%
1700	0.004001	249.906704	19.2490%
1690	0.003356	298.011369	88.0250%
1670	0.001785	560.335943	

BASE YEAR: 1889

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	4.881068	0.204873	8.2857%
2001	4.507585	0.221848	1.0000%
2000	4.462955	0.224067	1.0000%
1999	4.418767	0.226307	1.0000%
1998	4.375017	0.228571	1.0000%
1997	4.331700	0.230856	1.0000%
1996	4.288812	0.233165	1.0000%
1995	4.246348	0.235496	0.9992%
1994	4.204338	0.237850	1.0008%
1993	4.162678	0.240230	1.0000%
1992	4.121464	0.242632	0.9295%
1991	4.083507	0.244888	1.2505%
1990	4.033073	0.247950	0.7224%
1989	4.004145	0.249741	1.1077%
1988	3.960279	0.252507	0.8834%
1987	3.925601	0.254738	0.5594%
1986	3.903765	0.256163	1.3056%
1985	3.853453	0.259508	0.7673%
1984	3.824111	0.261499	0.8149%
1983	3.793199	0.263630	0.9737%
1982	3.756619	0.266197	0.9508%
1981	3.721237	0.268728	0.9031%
1980	3.687933	0.271155	2.2701%
1979	3.606072	0.277310	1.0042%
1978	3.570221	0.280095	0.9896%
1977	3.535236	0.282867	0.9103%
1976	3.503344	0.285442	0.8394%
1975	3.474180	0.287838	0.9042%
1974	3.443049	0.290440	1.1568%
1973	3.403676	0.293800	0.9427%
1972	3.371889	0.296570	0.7426%
1971	3.347033	0.298772	1.4697%
1970	3.298553	0.303163	0.6968%
1969	3.275727	0.305276	0.8565%
1968	3.247907	0.307891	1.5090%
1967	3.199624	0.312537	0.9949%
1966	3.168104	0.315646	1.0575%
1965	3.134953	0.318984	1.1300%
1964	3.099923	0.322589	1.5537%
1963	3.052498	0.327601	1.4658%

1962	3.008400	0.332403	1.5364%
1961	2.962877	0.337510	2.1586%
1960	2.900271	0.344795	-1.6655%
1959	2.949393	0.339053	4.3080%
1958	2.827581	0.353659	2.1130%
1957	2.769071	0.361132	1.9895%
1956	2.715055	0.368317	2.1231%
1955	2.658611	0.376136	1.4496%
1954	2.620622	0.381589	2.1573%
1953	2.565282	0.389821	1.2298%
1952	2.534119	0.394615	1.6814%
1951	2.492215	0.401249	1.6233%
1950	2.452406	0.407763	1.4265%
1949	2.417914	0.413580	1.7790%
1948	2.375650	0.420937	1.8242%
1947	2.333090	0.428616	-2.6320%
1946	2.396158	0.417335	3.1768%
1945	2.322381	0.430593	6.4754%
1944	2.181143	0.458475	-0.3437%
1943	2.188665	0.456900	0.6562%
1942	2.174396	0.459898	0.6633%
1941	2.160068	0.462948	-5.6614%
1940	2.289698	0.436739	8.0381%
1939	2.119343	0.471844	0.8126%
1938	2.102259	0.475679	0.7762%
1937	2.086066	0.479371	0.6029%
1936	2.073565	0.482261	0.5244%
1935	2.062748	0.484790	-3.0364%
1934	2.127342	0.470070	4.6271%
1933	2.033260	0.491821	1.3921%
1932	2.005344	0.498668	-0.2051%
1931	2.009465	0.497645	0.8886%
1930	1.991766	0.502067	1.0126%
1929	1.971800	0.507151	1.1526%
1928	1.949332	0.512996	1.2160%
1927	1.925913	0.519234	1.4086%
1926	1.899162	0.526548	1.7667%
1925	1.866192	0.535851	1.4465%
1924	1.839582	0.543602	1.7700%
1923	1.807588	0.553223	1.6165%
1922	1.778833	0.562166	1.3736%
1921	1.754730	0.569888	2.3393%
1920	1.714619	0.583220	1.3140%
1919	1.692381	0.590883	0.7676%
1918	1.679489	0.595419	0.3870%
1917	1.673014	0.597724	1.3274%
1916	1.651097	0.605658	1.4083%
1915	1.628168	0.614187	1.4458%
1914	1.604963	0.623067	1.9424%
1913	1.574383	0.635170	1.9857%
1912	1.543729	0.647782	1.5634%
1911	1.519966	0.657909	1.8169%
1910	1.492842	0.669863	1.8781%

1909	1.465323	0.682444	2.0082%
1908	1.436475	0.696149	1.9603%
1907	1.408858	0.709795	1.8264%
1906	1.383588	0.722758	1.9357%
1905	1.357315	0.736749	2.0148%
1904	1.330508	0.751593	2.1335%
1903	1.302714	0.767628	1.8151%
1902	1.279489	0.781562	1.8943%
1901	1.255702	0.796367	3.0255%
1900	1.218826	0.820461	0.6278%
1899	1.211222	0.825613	1.7757%
1898	1.190090	0.840273	1.8078%
1897	1.168958	0.855463	1.8396%
1896	1.147842	0.871200	1.8755%
1895	1.126710	0.887540	1.9114%
1894	1.105578	0.904504	1.9486%
1893	1.084447	0.922129	1.9858%
1892	1.063331	0.940441	2.0276%
1891	1.042199	0.959510	2.6465%
1890	1.015328	0.984903	1.5328%
1889	1.000000	1.000000	2.0811%
1888	0.979613	1.020811	2.1599%
1887	0.958902	1.042859	2.2075%
1886	0.938191	1.065881	2.2592%
1885	0.917464	1.089961	2.3095%
1884	0.896753	1.115134	2.3641%
1883	0.876042	1.141497	2.4214%
1882	0.855332	1.169137	2.4815%
1881	0.834621	1.198149	3.7644%
1880	0.804342	1.243252	0.9432%
1879	0.796826	1.254979	2.1464%
1878	0.780083	1.281916	2.1913%
1877	0.763355	1.310006	2.2426%
1876	0.746612	1.339384	2.2941%
1875	0.729868	1.370111	2.3456%
1874	0.713141	1.402248	2.4043%
1873	0.696397	1.435962	2.4635%
1872	0.679653	1.471338	2.5258%
1871	0.662910	1.508501	5.9947%
1870	0.625418	1.598930	-1.0968%
1869	0.632354	1.581394	2.1930%
1868	0.618784	1.616073	2.2394%
1867	0.605230	1.652263	2.2935%
1866	0.591661	1.690158	2.3445%
1865	0.578107	1.729783	2.4037%
1864	0.564537	1.771362	2.4599%
1863	0.550984	1.814936	2.5250%
1862	0.537414	1.860763	2.5872%
1861	0.523860	1.908905	2.9504%
1860	0.508847	1.965226	2.4012%
1859	0.496915	2.012416	2.7627%
1858	0.483556	2.068013	2.8412%
1857	0.470197	2.126769	2.9243%

1856	0.456838	2.188962	3.0161%
1855	0.443462	2.254984	3.1061%
1854	0.430103	2.325025	3.2056%
1853	0.416744	2.399557	3.3118%
1852	0.403384	2.479025	3.4252%
1851	0.390025	2.563938	4.0106%
1850	0.374986	2.666767	2.3254%
1849	0.366464	2.728779	2.7841%
1848	0.356538	2.804751	2.8590%
1847	0.346628	2.884939	2.9432%
1846	0.336718	2.969847	3.0324%
1845	0.326808	3.059905	3.1325%
1844	0.316881	3.155757	3.2284%
1843	0.306971	3.257636	3.3361%
1842	0.297061	3.366312	3.4512%
1841	0.287151	3.482490	3.8105%
1840	0.276611	3.615190	2.3861%
1839	0.270164	3.701450	2.5824%
1838	0.263363	3.797036	2.6573%
1837	0.256546	3.897936	2.7232%
1836	0.249745	4.004085	2.7994%
1835	0.242944	4.116177	2.8871%
1834	0.236127	4.235016	2.9657%
1833	0.229326	4.360613	3.0563%
1832	0.222524	4.493887	3.1604%
1831	0.215707	4.635913	3.4660%
1830	0.208481	4.796592	2.4653%
1829	0.203465	4.914843	2.6804%
1828	0.198154	5.046580	10.3427%
1827	0.179581	5.568530	-4.2314%
1826	0.187515	5.332902	2.9150%
1825	0.182204	5.488358	3.0026%
1824	0.176893	5.653149	3.0955%
1823	0.171581	5.828143	3.1944%
1822	0.166270	6.014316	3.3102%
1821	0.160942	6.213402	3.2277%
1820	0.155910	6.413954	2.6573%
1819	0.151874	6.584391	2.6261%
1818	0.147988	6.757304	2.6969%
1817	0.144102	6.939544	2.7717%
1816	0.140215	7.131886	2.8507%
1815	0.136329	7.335194	2.9343%
1814	0.132443	7.550434	3.0231%
1813	0.128556	7.778687	3.1039%
1812	0.124686	8.020130	3.2172%
1811	0.120800	8.278150	3.0969%
1810	0.117171	8.534517	2.9144%
1809	0.113853	8.783246	2.8225%
1808	0.110728	9.031149	2.9199%
1807	0.107586	9.294852	2.9918%
1806	0.104461	9.572934	3.0841%
1805	0.101336	9.868169	3.1822%
1804	0.098211	10.182193	3.2868%

1803	0.095085	10.516860	3.3985%
1802	0.091960	10.874274	3.5180%
1801	0.088835	11.256836	3.3999%
1800	0.085914	11.639562	2.8419%
1799	0.083540	11.970343	2.7485%
1798	0.081305	12.299343	2.8261%
1797	0.079071	12.646938	3.7832%
1796	0.076188	13.125399	2.1272%
1795	0.074601	13.404602	3.0879%
1794	0.072367	13.818528	3.1625%
1793	0.070148	14.255540	3.2904%
1792	0.067914	14.724607	3.4024%
1791	0.065679	15.225592	3.2296%
1790	0.063624	15.717312	41.3145%
1780	0.045023	22.210833	29.4353%
1770	0.034784	28.748662	83.4728%
1750	0.018959	52.745986	29.2845%
1740	0.014664	68.192359	94.2514%
1720	0.007549	132.464607	85.8111%
1700	0.004063	246.133918	19.2490%
1690	0.003407	293.512357	88.0250%
1670	0.001812	551.876676	

BASE YEAR: 1888

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	4.982649	0.200696	8.2857%
2001	4.601393	0.217325	1.0000%
2000	4.555835	0.219499	1.0000%
1999	4.510727	0.221694	1.0000%
1998	4.466067	0.223911	1.0000%
1997	4.421848	0.226150	1.0000%
1996	4.378068	0.228411	1.0000%
1995	4.334720	0.230695	0.9992%
1994	4.291835	0.233001	1.0008%
1993	4.249309	0.235332	1.0000%
1992	4.207237	0.237686	0.9295%
1991	4.168490	0.239895	1.2505%
1990	4.117007	0.242895	0.7224%
1989	4.087477	0.244650	1.1077%
1988	4.042697	0.247360	0.8834%
1987	4.007298	0.249545	0.5594%
1986	3.985007	0.250941	1.3056%
1985	3.933649	0.254217	0.7673%
1984	3.903696	0.256167	0.8149%
1983	3.872140	0.258255	0.9737%
1982	3.834799	0.260770	0.9508%
1981	3.798681	0.263249	0.9031%
1980	3.764683	0.265627	2.2701%
1979	3.681119	0.271656	1.0042%
1978	3.644522	0.274384	0.9896%
1977	3.608809	0.277100	0.9103%

1976	3.576253	0.279622	0.8394%
1975	3.546482	0.281970	0.9042%
1974	3.514703	0.284519	1.1568%
1973	3.474511	0.287810	0.9427%
1972	3.442062	0.290524	0.7426%
1971	3.416689	0.292681	1.4697%
1970	3.367200	0.296983	0.6968%
1969	3.343899	0.299052	0.8565%
1968	3.315500	0.301614	1.5090%
1967	3.266212	0.306165	0.9949%
1966	3.234036	0.309211	1.0575%
1965	3.200195	0.312481	1.1300%
1964	3.164436	0.316012	1.5537%
1963	3.116024	0.320922	1.4658%
1962	3.071009	0.325626	1.5364%
1961	3.024539	0.330629	2.1586%
1960	2.960629	0.337766	-1.6655%
1959	3.010773	0.332141	4.3080%
1958	2.886426	0.346449	2.1130%
1957	2.826699	0.353770	1.9895%
1956	2.771559	0.360808	2.1231%
1955	2.713940	0.368468	1.4496%
1954	2.675160	0.373809	2.1573%
1953	2.618669	0.381873	1.2298%
1952	2.586857	0.386569	1.6814%
1951	2.544081	0.393069	1.6233%
1950	2.503444	0.399450	1.4265%
1949	2.468233	0.405148	1.7790%
1948	2.425090	0.412356	1.8242%
1947	2.381645	0.419878	-2.6320%
1946	2.446025	0.408827	3.1768%
1945	2.370713	0.421814	6.4754%
1944	2.226535	0.449128	-0.3437%
1943	2.234214	0.447585	0.6562%
1942	2.219648	0.450522	0.6633%
1941	2.205022	0.453510	-5.6614%
1940	2.337349	0.427835	8.0381%
1939	2.163449	0.462225	0.8126%
1938	2.146010	0.465981	0.7762%
1937	2.129480	0.469598	0.6029%
1936	2.116718	0.472429	0.5244%
1935	2.105676	0.474907	-3.0364%
1934	2.171615	0.460487	4.6271%
1933	2.075575	0.481794	1.3921%
1932	2.047077	0.488501	-0.2051%
1931	2.051284	0.487499	0.8886%
1930	2.033217	0.491831	1.0126%
1929	2.012836	0.496812	1.1526%
1928	1.989900	0.502538	1.2160%
1927	1.965994	0.508649	1.4086%
1926	1.938686	0.515813	1.7667%
1925	1.905030	0.524926	1.4465%
1924	1.877866	0.532519	1.7700%

1923	1.845207	0.541945	1.6165%
1922	1.815853	0.550705	1.3736%
1921	1.791248	0.558270	2.3393%
1920	1.750303	0.571330	1.3140%
1919	1.727602	0.578837	0.7676%
1918	1.714441	0.583280	0.3870%
1917	1.707832	0.585538	1.3274%
1916	1.685459	0.593310	1.4083%
1915	1.662052	0.601666	1.4458%
1914	1.638365	0.610365	1.9424%
1913	1.607148	0.622220	1.9857%
1912	1.575856	0.634576	1.5634%
1911	1.551598	0.644497	1.8169%
1910	1.523910	0.656207	1.8781%
1909	1.495818	0.668531	2.0082%
1908	1.466370	0.681956	1.9603%
1907	1.438178	0.695324	1.8264%
1906	1.412383	0.708023	1.9357%
1905	1.385563	0.721728	2.0148%
1904	1.358197	0.736270	2.1335%
1903	1.329825	0.751979	1.8151%
1902	1.306117	0.765628	1.8943%
1901	1.281835	0.780132	3.0255%
1900	1.244192	0.803735	0.6278%
1899	1.236429	0.808781	1.7757%
1898	1.214857	0.823142	1.8078%
1897	1.193286	0.838022	1.8396%
1896	1.171730	0.853439	1.8755%
1895	1.150159	0.869445	1.9114%
1894	1.128587	0.886064	1.9486%
1893	1.107015	0.903330	1.9858%
1892	1.085460	0.921268	2.0276%
1891	1.063889	0.939948	2.6465%
1890	1.036458	0.964824	1.5328%
1889	1.020811	0.979613	2.0811%
1888	1.000000	1.000000	2.1599%
1887	0.978858	1.021599	2.2075%
1886	0.957716	1.044151	2.2592%
1885	0.936558	1.067740	2.3095%
1884	0.915416	1.092400	2.3641%
1883	0.894274	1.118226	2.4214%
1882	0.873132	1.145302	2.4815%
1881	0.851990	1.173722	3.7644%
1880	0.821081	1.217906	0.9432%
1879	0.813409	1.229394	2.1464%
1878	0.796317	1.255781	2.1913%
1877	0.779242	1.283299	2.2426%
1876	0.762150	1.312078	2.2941%
1875	0.745058	1.342178	2.3456%
1874	0.727982	1.373660	2.4043%
1873	0.710890	1.406687	2.4635%
1872	0.693798	1.441342	2.5258%
1871	0.676706	1.477747	5.9947%

1870	0.638434	1.566333	-1.0968%
1869	0.645514	1.549154	2.1930%
1868	0.631662	1.583126	2.2394%
1867	0.617826	1.618579	2.2935%
1866	0.603974	1.655701	2.3445%
1865	0.590138	1.694518	2.4037%
1864	0.576286	1.735249	2.4599%
1863	0.562450	1.777935	2.5250%
1862	0.548598	1.822828	2.5872%
1861	0.534763	1.869989	2.9504%
1860	0.519437	1.925161	2.4012%
1859	0.507257	1.971389	2.7627%
1858	0.493619	2.025852	2.8412%
1857	0.479982	2.083411	2.9243%
1856	0.466345	2.144336	3.0161%
1855	0.452691	2.209012	3.1061%
1854	0.439054	2.277625	3.2056%
1853	0.425417	2.350637	3.3118%
1852	0.411779	2.428485	3.4252%
1851	0.398142	2.511667	4.0106%
1850	0.382790	2.612400	2.3254%
1849	0.374091	2.673147	2.7841%
1848	0.363958	2.747570	2.8590%
1847	0.353842	2.826124	2.9432%
1846	0.343725	2.909301	3.0324%
1845	0.333609	2.997523	3.1325%
1844	0.323476	3.091420	3.2284%
1843	0.313360	3.191222	3.3361%
1842	0.303243	3.297683	3.4512%
1841	0.293127	3.411493	3.8105%
1840	0.282367	3.541487	2.3861%
1839	0.275787	3.625989	2.5824%
1838	0.268844	3.719626	2.6573%
1837	0.261885	3.818469	2.7232%
1836	0.254942	3.922453	2.7994%
1835	0.248000	4.032260	2.8871%
1834	0.241041	4.148676	2.9657%
1833	0.234098	4.271713	3.0563%
1832	0.227156	4.402270	3.1604%
1831	0.220196	4.541401	3.4660%
1830	0.212820	4.698804	2.4653%
1829	0.207700	4.814644	2.6804%
1828	0.202278	4.943695	10.3427%
1827	0.183318	5.455005	-4.2314%
1826	0.191418	5.224180	2.9150%
1825	0.185996	5.376466	3.0026%
1824	0.180574	5.537898	3.0955%
1823	0.175152	5.709324	3.1944%
1822	0.169730	5.891702	3.3102%
1821	0.164292	6.086729	3.2277%
1820	0.159155	6.283193	2.6573%
1819	0.155035	6.450155	2.6261%
1818	0.151068	6.619543	2.6969%

1817	0.147101	6.798067	2.7717%
1816	0.143133	6.986488	2.8507%
1815	0.139166	7.185652	2.9343%
1814	0.135199	7.396503	3.0231%
1813	0.131232	7.620103	3.1039%
1812	0.127281	7.856623	3.2172%
1811	0.123314	8.109383	3.0969%
1810	0.119610	8.360524	2.9144%
1809	0.116223	8.604181	2.8225%
1808	0.113032	8.847031	2.9199%
1807	0.109825	9.105358	2.9918%
1806	0.106635	9.377771	3.0841%
1805	0.103445	9.666986	3.1822%
1804	0.100255	9.974608	3.2868%
1803	0.097064	10.302452	3.3985%
1802	0.093874	10.652580	3.5180%
1801	0.090684	11.027342	3.3999%
1800	0.087702	11.402266	2.8419%
1799	0.085278	11.726304	2.7485%
1798	0.082997	12.048596	2.8261%
1797	0.080716	12.389105	3.7832%
1796	0.077774	12.857811	2.1272%
1795	0.076154	13.131322	3.0879%
1794	0.073873	13.536809	3.1625%
1793	0.071608	13.964912	3.2904%
1792	0.069327	14.424416	3.4024%
1791	0.067046	14.915187	3.2296%
1790	0.064948	15.396883	41.3145%
1780	0.045960	21.758020	29.4353%
1770	0.035508	28.162562	83.4728%
1750	0.019353	51.670653	29.2845%
1740	0.014970	66.802120	94.2514%
1720	0.007706	129.764050	85.8111%
1700	0.004147	241.115982	19.2490%
1690	0.003478	287.528517	88.0250%
1670	0.001850	540.625559	

BASE YEAR: 1887

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.090267	0.196453	8.2857%
2001	4.700777	0.212731	1.0000%
2000	4.654234	0.214858	1.0000%
1999	4.608152	0.217007	1.0000%
1998	4.562527	0.219177	1.0000%
1997	4.517354	0.221369	1.0000%
1996	4.472627	0.223582	1.0000%
1995	4.428344	0.225818	0.9992%
1994	4.384533	0.228074	1.0008%
1993	4.341088	0.230357	1.0000%
1992	4.298107	0.232661	0.9295%
1991	4.258524	0.234823	1.2505%

1990	4.205928	0.237760	0.7224%
1989	4.175760	0.239477	1.1077%
1988	4.130013	0.242130	0.8834%
1987	4.093850	0.244269	0.5594%
1986	4.071078	0.245635	1.3056%
1985	4.018610	0.248842	0.7673%
1984	3.988010	0.250752	0.8149%
1983	3.955773	0.252795	0.9737%
1982	3.917625	0.255257	0.9508%
1981	3.880727	0.257684	0.9031%
1980	3.845995	0.260011	2.2701%
1979	3.760626	0.265913	1.0042%
1978	3.723238	0.268583	0.9896%
1977	3.686754	0.271241	0.9103%
1976	3.653495	0.273711	0.8394%
1975	3.623081	0.276008	0.9042%
1974	3.590616	0.278504	1.1568%
1973	3.549555	0.281725	0.9427%
1972	3.516406	0.284381	0.7426%
1971	3.490484	0.286493	1.4697%
1970	3.439926	0.290704	0.6968%
1969	3.416122	0.292730	0.8565%
1968	3.387110	0.295237	1.5090%
1967	3.336757	0.299692	0.9949%
1966	3.303887	0.302674	1.0575%
1965	3.269315	0.305875	1.1300%
1964	3.232784	0.309331	1.5537%
1963	3.183326	0.314137	1.4658%
1962	3.137338	0.318742	1.5364%
1961	3.089864	0.323639	2.1586%
1960	3.024575	0.330625	-1.6655%
1959	3.075802	0.325118	4.3080%
1958	2.948769	0.339125	2.1130%
1957	2.887752	0.346290	1.9895%
1956	2.831421	0.353180	2.1231%
1955	2.772557	0.360678	1.4496%
1954	2.732940	0.365906	2.1573%
1953	2.675228	0.373800	1.2298%
1952	2.642729	0.378397	1.6814%
1951	2.599030	0.384759	1.6233%
1950	2.557514	0.391005	1.4265%
1949	2.521544	0.396582	1.7790%
1948	2.477468	0.403638	1.8242%
1947	2.433085	0.411001	-2.6320%
1946	2.498856	0.400183	3.1768%
1945	2.421916	0.412896	6.4754%
1944	2.274625	0.439633	-0.3437%
1943	2.282469	0.438122	0.6562%
1942	2.267589	0.440997	0.6633%
1941	2.252647	0.443922	-5.6614%
1940	2.387832	0.418790	8.0381%
1939	2.210176	0.452453	0.8126%
1938	2.192360	0.456129	0.7762%

1937	2.175473	0.459670	0.6029%
1936	2.162436	0.462441	0.5244%
1935	2.151156	0.464866	-3.0364%
1934	2.218518	0.450751	4.6271%
1933	2.120405	0.471608	1.3921%
1932	2.091291	0.478173	-0.2051%
1931	2.095589	0.477193	0.8886%
1930	2.077132	0.481433	1.0126%
1929	2.056310	0.486308	1.1526%
1928	2.032879	0.491913	1.2160%
1927	2.008456	0.497895	1.4086%
1926	1.980558	0.504908	1.7667%
1925	1.946176	0.513828	1.4465%
1924	1.918425	0.521261	1.7700%
1923	1.885060	0.530487	1.6165%
1922	1.855073	0.539062	1.3736%
1921	1.829936	0.546467	2.3393%
1920	1.788107	0.559251	1.3140%
1919	1.764915	0.566599	0.7676%
1918	1.751470	0.570949	0.3870%
1917	1.744719	0.573158	1.3274%
1916	1.721862	0.580767	1.4083%
1915	1.697950	0.588946	1.4458%
1914	1.673751	0.597461	1.9424%
1913	1.641860	0.609065	1.9857%
1912	1.609892	0.621160	1.5634%
1911	1.585111	0.630871	1.8169%
1910	1.556824	0.642333	1.8781%
1909	1.528125	0.654397	2.0082%
1908	1.498041	0.667538	1.9603%
1907	1.469240	0.680624	1.8264%
1906	1.442888	0.693054	1.9357%
1905	1.415489	0.706470	2.0148%
1904	1.387532	0.720704	2.1335%
1903	1.358547	0.736080	1.8151%
1902	1.334327	0.749441	1.8943%
1901	1.309520	0.763638	3.0255%
1900	1.271064	0.786742	0.6278%
1899	1.263134	0.791682	1.7757%
1898	1.241096	0.805739	1.8078%
1897	1.219059	0.820305	1.8396%
1896	1.197038	0.835395	1.8755%
1895	1.175000	0.851064	1.9114%
1894	1.152963	0.867331	1.9486%
1893	1.130925	0.884232	1.9858%
1892	1.108905	0.901791	2.0276%
1891	1.086867	0.920076	2.6465%
1890	1.058844	0.944426	1.5328%
1889	1.042859	0.958902	2.0811%
1888	1.021599	0.978858	2.1599%
1887	1.000000	1.000000	2.2075%
1886	0.978401	1.022075	2.2592%
1885	0.956786	1.045166	2.3095%

1884	0.935188	1.069304	2.3641%
1883	0.913589	1.094584	2.4214%
1882	0.891990	1.121088	2.4815%
1881	0.870392	1.148908	3.7644%
1880	0.838816	1.192157	0.9432%
1879	0.830978	1.203402	2.1464%
1878	0.813516	1.229232	2.1913%
1877	0.796072	1.256168	2.2426%
1876	0.778611	1.284339	2.2941%
1875	0.761150	1.313802	2.3456%
1874	0.743705	1.344619	2.4043%
1873	0.726244	1.376947	2.4635%
1872	0.708783	1.410869	2.5258%
1871	0.691322	1.446504	5.9947%
1870	0.652223	1.533218	-1.0968%
1869	0.659456	1.516402	2.1930%
1868	0.645305	1.549656	2.2394%
1867	0.631170	1.584359	2.2935%
1866	0.617019	1.620696	2.3445%
1865	0.602884	1.658693	2.4037%
1864	0.588733	1.698563	2.4599%
1863	0.574599	1.740346	2.5250%
1862	0.560447	1.784290	2.5872%
1861	0.546313	1.830453	2.9504%
1860	0.530656	1.884459	2.4012%
1859	0.518213	1.929710	2.7627%
1858	0.504281	1.983022	2.8412%
1857	0.490349	2.039364	2.9243%
1856	0.476417	2.099000	3.0161%
1855	0.462469	2.162309	3.1061%
1854	0.448537	2.229472	3.2056%
1853	0.434605	2.300940	3.3118%
1852	0.420673	2.377143	3.4252%
1851	0.406741	2.458565	4.0106%
1850	0.391058	2.557168	2.3254%
1849	0.382171	2.616632	2.7841%
1848	0.371819	2.689481	2.8590%
1847	0.361484	2.766374	2.9432%
1846	0.351149	2.847793	3.0324%
1845	0.340814	2.934149	3.1325%
1844	0.330463	3.026062	3.2284%
1843	0.320128	3.123754	3.3361%
1842	0.309793	3.227964	3.4512%
1841	0.299458	3.339367	3.8105%
1840	0.288466	3.466613	2.3861%
1839	0.281743	3.549329	2.5824%
1838	0.274651	3.640986	2.6573%
1837	0.267541	3.737739	2.7232%
1836	0.260449	3.839525	2.7994%
1835	0.253356	3.947011	2.8871%
1834	0.246247	4.060966	2.9657%
1833	0.239154	4.181401	3.0563%
1832	0.232062	4.309198	3.1604%

1831	0.224952	4.445387	3.4660%
1830	0.217417	4.599463	2.4653%
1829	0.212186	4.712853	2.6804%
1828	0.206647	4.839176	10.3427%
1827	0.187277	5.339675	-4.2314%
1826	0.195552	5.113731	2.9150%
1825	0.190013	5.262798	3.0026%
1824	0.184474	5.420817	3.0955%
1823	0.178935	5.588618	3.1944%
1822	0.173396	5.767141	3.3102%
1821	0.167840	5.958044	3.2277%
1820	0.162592	6.150354	2.6573%
1819	0.158384	6.313786	2.6261%
1818	0.154331	6.479593	2.6969%
1817	0.150278	6.654343	2.7717%
1816	0.146225	6.838780	2.8507%
1815	0.142172	7.033733	2.9343%
1814	0.138119	7.240127	3.0231%
1813	0.134066	7.459000	3.1039%
1812	0.130030	7.690519	3.2172%
1811	0.125977	7.937936	3.0969%
1810	0.122193	8.183767	2.9144%
1809	0.118733	8.422273	2.8225%
1808	0.115474	8.659988	2.9199%
1807	0.112198	8.912854	2.9918%
1806	0.108938	9.179507	3.0841%
1805	0.105679	9.462608	3.1822%
1804	0.102420	9.763726	3.2868%
1803	0.099161	10.084639	3.3985%
1802	0.095902	10.427364	3.5180%
1801	0.092642	10.794203	3.3999%
1800	0.089596	11.161201	2.8419%
1799	0.087120	11.478387	2.7485%
1798	0.084790	11.793866	2.8261%
1797	0.082459	12.127176	3.7832%
1796	0.079454	12.585972	2.1272%
1795	0.077799	12.853701	3.0879%
1794	0.075468	13.250615	3.1625%
1793	0.073155	13.669668	3.2904%
1792	0.070824	14.119456	3.4024%
1791	0.068494	14.599852	3.2296%
1790	0.066351	15.071364	41.3145%
1780	0.046953	21.298015	29.4353%
1770	0.036275	27.567152	83.4728%
1750	0.019771	50.578237	29.2845%
1740	0.015293	65.389797	94.2514%
1720	0.007873	127.020592	85.8111%
1700	0.004237	236.018334	19.2490%
1690	0.003553	281.449620	88.0250%
1670	0.001890	529.195710	

BASE YEAR: 1886

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.202636	0.192210	8.2857%
2001	4.804548	0.208136	1.0000%
2000	4.756978	0.210218	1.0000%
1999	4.709879	0.212320	1.0000%
1998	4.663246	0.214443	1.0000%
1997	4.617076	0.216587	1.0000%
1996	4.571362	0.218753	1.0000%
1995	4.526101	0.220941	0.9992%
1994	4.481323	0.223148	1.0008%
1993	4.436919	0.225382	1.0000%
1992	4.392989	0.227635	0.9295%
1991	4.352532	0.229751	1.2505%
1990	4.298775	0.232624	0.7224%
1989	4.267942	0.234305	1.1077%
1988	4.221185	0.236900	0.8834%
1987	4.184223	0.238993	0.5594%
1986	4.160948	0.240330	1.3056%
1985	4.107322	0.243468	0.7673%
1984	4.076047	0.245336	0.8149%
1983	4.043098	0.247335	0.9737%
1982	4.004108	0.249744	0.9508%
1981	3.966395	0.252118	0.9031%
1980	3.930897	0.254395	2.2701%
1979	3.843643	0.260170	1.0042%
1978	3.805430	0.262782	0.9896%
1977	3.768140	0.265383	0.9103%
1976	3.734147	0.267799	0.8394%
1975	3.703062	0.270047	0.9042%
1974	3.669880	0.272488	1.1568%
1973	3.627913	0.275641	0.9427%
1972	3.594032	0.278239	0.7426%
1971	3.567538	0.280305	1.4697%
1970	3.515864	0.284425	0.6968%
1969	3.491534	0.286407	0.8565%
1968	3.461882	0.288860	1.5090%
1967	3.410417	0.293219	0.9949%
1966	3.376821	0.296137	1.0575%
1965	3.341486	0.299268	1.1300%
1964	3.304148	0.302650	1.5537%
1963	3.253599	0.307352	1.4658%
1962	3.206596	0.311857	1.5364%
1961	3.158074	0.316649	2.1586%
1960	3.091343	0.323484	-1.6655%
1959	3.143701	0.318096	4.3080%
1958	3.013864	0.331800	2.1130%
1957	2.951500	0.338811	1.9895%
1956	2.893925	0.345551	2.1231%
1955	2.833762	0.352888	1.4496%
1954	2.793270	0.358003	2.1573%
1953	2.734285	0.365726	1.2298%
1952	2.701068	0.370224	1.6814%

1951	2.656404	0.376449	1.6233%
1950	2.613972	0.382560	1.4265%
1949	2.577208	0.388017	1.7790%
1948	2.532159	0.394920	1.8242%
1947	2.486796	0.402124	-2.6320%
1946	2.554019	0.391540	3.1768%
1945	2.475381	0.403978	6.4754%
1944	2.324838	0.430137	-0.3437%
1943	2.332856	0.428659	0.6562%
1942	2.317647	0.431472	0.6633%
1941	2.302375	0.434334	-5.6614%
1940	2.440545	0.409745	8.0381%
1939	2.258966	0.442680	0.8126%
1938	2.240757	0.446278	0.7762%
1937	2.223498	0.449742	0.6029%
1936	2.210173	0.452453	0.5244%
1935	2.198643	0.454826	-3.0364%
1934	2.267493	0.441016	4.6271%
1933	2.167213	0.461422	1.3921%
1932	2.137457	0.467846	-0.2051%
1931	2.141850	0.466886	0.8886%
1930	2.122985	0.471035	1.0126%
1929	2.101704	0.475804	1.1526%
1928	2.077756	0.481289	1.2160%
1927	2.052794	0.487141	1.4086%
1926	2.024280	0.494003	1.7667%
1925	1.989138	0.502730	1.4465%
1924	1.960775	0.510002	1.7700%
1923	1.926674	0.519029	1.6165%
1922	1.896024	0.527419	1.3736%
1921	1.870332	0.534664	2.3393%
1920	1.827580	0.547172	1.3140%
1919	1.803877	0.554362	0.7676%
1918	1.790135	0.558617	0.3870%
1917	1.783234	0.560779	1.3274%
1916	1.759873	0.568223	1.4083%
1915	1.735433	0.576225	1.4458%
1914	1.710699	0.584556	1.9424%
1913	1.678104	0.595911	1.9857%
1912	1.645431	0.607743	1.5634%
1911	1.620103	0.617245	1.8169%
1910	1.591192	0.628460	1.8781%
1909	1.561859	0.640263	2.0082%
1908	1.531111	0.653121	1.9603%
1907	1.501674	0.665923	1.8264%
1906	1.474740	0.678086	1.9357%
1905	1.446736	0.691211	2.0148%
1904	1.418163	0.705138	2.1335%
1903	1.388538	0.720182	1.8151%
1902	1.363783	0.733254	1.8943%
1901	1.338428	0.747145	3.0255%
1900	1.299124	0.769750	0.6278%
1899	1.291018	0.774583	1.7757%

1898	1.268494	0.788336	1.8078%
1897	1.245970	0.802588	1.8396%
1896	1.223463	0.817352	1.8755%
1895	1.200939	0.832682	1.9114%
1894	1.178415	0.848598	1.9486%
1893	1.155891	0.865134	1.9858%
1892	1.133384	0.882314	2.0276%
1891	1.110860	0.900204	2.6465%
1890	1.082219	0.924028	1.5328%
1889	1.065881	0.938191	2.0811%
1888	1.044151	0.957716	2.1599%
1887	1.022075	0.978401	2.2075%
1886	1.000000	1.000000	2.2592%
1885	0.977907	1.022592	2.3095%
1884	0.955832	1.046209	2.3641%
1883	0.933757	1.070943	2.4214%
1882	0.911681	1.096874	2.4815%
1881	0.889606	1.124093	3.7644%
1880	0.857333	1.166408	0.9432%
1879	0.849322	1.177410	2.1464%
1878	0.831475	1.202682	2.1913%
1877	0.813646	1.229036	2.2426%
1876	0.795799	1.256599	2.2941%
1875	0.777952	1.285426	2.3456%
1874	0.760123	1.315577	2.4043%
1873	0.742276	1.347207	2.4635%
1872	0.724430	1.380396	2.5258%
1871	0.706583	1.415262	5.9947%
1870	0.666621	1.500102	-1.0968%
1869	0.674014	1.483650	2.1930%
1868	0.659550	1.516186	2.2394%
1867	0.645103	1.550139	2.2935%
1866	0.630640	1.585692	2.3445%
1865	0.616193	1.622868	2.4037%
1864	0.601729	1.661876	2.4599%
1863	0.587283	1.702757	2.5250%
1862	0.572819	1.745751	2.5872%
1861	0.558373	1.790918	2.9504%
1860	0.542371	1.843758	2.4012%
1859	0.529652	1.888031	2.7627%
1858	0.515413	1.940192	2.8412%
1857	0.501174	1.995316	2.9243%
1856	0.486934	2.053665	3.0161%
1855	0.472678	2.115607	3.1061%
1854	0.458438	2.181318	3.2056%
1853	0.444199	2.251243	3.3118%
1852	0.429960	2.325800	3.4252%
1851	0.415720	2.405464	4.0106%
1850	0.399690	2.501937	2.3254%
1849	0.390607	2.560117	2.7841%
1848	0.380027	2.631392	2.8590%
1847	0.369464	2.706624	2.9432%
1846	0.358901	2.786285	3.0324%

1845	0.348338	2.870776	3.1325%
1844	0.337758	2.960703	3.2284%
1843	0.327195	3.056285	3.3361%
1842	0.316632	3.158245	3.4512%
1841	0.306069	3.267242	3.8105%
1840	0.294834	3.391740	2.3861%
1839	0.287963	3.472668	2.5824%
1838	0.280714	3.562346	2.6573%
1837	0.273447	3.657009	2.7232%
1836	0.266198	3.756597	2.7994%
1835	0.258949	3.861761	2.8871%
1834	0.251683	3.973255	2.9657%
1833	0.244434	4.091089	3.0563%
1832	0.237185	4.216126	3.1604%
1831	0.229918	4.349373	3.4660%
1830	0.222216	4.500121	2.4653%
1829	0.216870	4.611062	2.6804%
1828	0.211209	4.734657	10.3427%
1827	0.191412	5.224346	-4.2314%
1826	0.199869	5.003282	2.9150%
1825	0.194208	5.149129	3.0026%
1824	0.188546	5.303735	3.0955%
1823	0.182885	5.467912	3.1944%
1822	0.177224	5.642579	3.3102%
1821	0.171545	5.829359	3.2277%
1820	0.166182	6.017516	2.6573%
1819	0.161880	6.177418	2.6261%
1818	0.157738	6.339643	2.6969%
1817	0.153595	6.510619	2.7717%
1816	0.149453	6.691073	2.8507%
1815	0.145311	6.881815	2.9343%
1814	0.141168	7.083751	3.0231%
1813	0.137026	7.297896	3.1039%
1812	0.132901	7.524416	3.2172%
1811	0.128758	7.766488	3.0969%
1810	0.124891	8.007009	2.9144%
1809	0.121354	8.240364	2.8225%
1808	0.118023	8.472945	2.9199%
1807	0.114674	8.720349	2.9918%
1806	0.111343	8.981243	3.0841%
1805	0.108012	9.258229	3.1822%
1804	0.104681	9.552844	3.2868%
1803	0.101350	9.866826	3.3985%
1802	0.098019	10.202148	3.5180%
1801	0.094687	10.561065	3.3999%
1800	0.091574	10.920135	2.8419%
1799	0.089043	11.230471	2.7485%
1798	0.086662	11.539136	2.8261%
1797	0.084280	11.865247	3.7832%
1796	0.081207	12.314134	2.1272%
1795	0.079516	12.576080	3.0879%
1794	0.077134	12.964422	3.1625%
1793	0.074770	13.374423	3.2904%

1792	0.072388	13.814497	3.4024%
1791	0.070006	14.284517	3.2296%
1790	0.067816	14.745844	41.3145%
1780	0.047989	20.838009	29.4353%
1770	0.037076	26.971742	83.4728%
1750	0.020208	49.485822	29.2845%
1740	0.015631	63.977473	94.2514%
1720	0.008047	124.277134	85.8111%
1700	0.004330	230.920686	19.2490%
1690	0.003631	275.370722	88.0250%
1670	0.001931	517.765862	

BASE YEAR: 1885

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.320173	0.187964	8.2857%
2001	4.913091	0.203538	1.0000%
2000	4.864446	0.205573	1.0000%
1999	4.816283	0.207629	1.0000%
1998	4.768597	0.209705	1.0000%
1997	4.721383	0.211802	1.0000%
1996	4.674637	0.213920	1.0000%
1995	4.628353	0.216060	0.9992%
1994	4.582563	0.218218	1.0008%
1993	4.537156	0.220402	1.0000%
1992	4.492234	0.222606	0.9295%
1991	4.450863	0.224676	1.2505%
1990	4.395892	0.227485	0.7224%
1989	4.364362	0.229129	1.1077%
1988	4.316548	0.231667	0.8834%
1987	4.278751	0.233713	0.5594%
1986	4.254951	0.235020	1.3056%
1985	4.200113	0.238089	0.7673%
1984	4.168132	0.239916	0.8149%
1983	4.134438	0.241871	0.9737%
1982	4.094567	0.244226	0.9508%
1981	4.056003	0.246548	0.9031%
1980	4.019702	0.248775	2.2701%
1979	3.930478	0.254422	1.0042%
1978	3.891401	0.256977	0.9896%
1977	3.853269	0.259520	0.9103%
1976	3.818508	0.261882	0.8394%
1975	3.786720	0.264081	0.9042%
1974	3.752789	0.266469	1.1568%
1973	3.709873	0.269551	0.9427%
1972	3.675227	0.272092	0.7426%
1971	3.648134	0.274113	1.4697%
1970	3.595293	0.278141	0.6968%
1969	3.570414	0.280080	0.8565%
1968	3.540091	0.282479	1.5090%
1967	3.487464	0.286741	0.9949%
1966	3.453109	0.289594	1.0575%

1965	3.416976	0.292656	1.1300%
1964	3.378795	0.295964	1.5537%
1963	3.327103	0.300562	1.4658%
1962	3.279038	0.304967	1.5364%
1961	3.229420	0.309653	2.1586%
1960	3.161182	0.316337	-1.6655%
1959	3.214723	0.311069	4.3080%
1958	3.081952	0.324470	2.1130%
1957	3.018179	0.331326	1.9895%
1956	2.959304	0.337917	2.1231%
1955	2.897781	0.345092	1.4496%
1954	2.856375	0.350094	2.1573%
1953	2.796057	0.357646	1.2298%
1952	2.762090	0.362045	1.6814%
1951	2.716417	0.368132	1.6233%
1950	2.673026	0.374108	1.4265%
1949	2.635431	0.379445	1.7790%
1948	2.589365	0.386195	1.8242%
1947	2.542977	0.393240	-2.6320%
1946	2.611719	0.382890	3.1768%
1945	2.531304	0.395053	6.4754%
1944	2.377360	0.420635	-0.3437%
1943	2.385559	0.419189	0.6562%
1942	2.370006	0.421940	0.6633%
1941	2.354389	0.424739	-5.6614%
1940	2.495681	0.400692	8.0381%
1939	2.310000	0.432900	0.8126%
1938	2.291380	0.436418	0.7762%
1937	2.273730	0.439806	0.6029%
1936	2.260104	0.442457	0.5244%
1935	2.248314	0.444778	-3.0364%
1934	2.318719	0.431273	4.6271%
1933	2.216174	0.451228	1.3921%
1932	2.185746	0.457510	-0.2051%
1931	2.190238	0.456571	0.8886%
1930	2.170947	0.460628	1.0126%
1929	2.149185	0.465293	1.1526%
1928	2.124696	0.470656	1.2160%
1927	2.099170	0.476379	1.4086%
1926	2.070012	0.483089	1.7667%
1925	2.034076	0.491624	1.4465%
1924	2.005073	0.498735	1.7700%
1923	1.970201	0.507563	1.6165%
1922	1.938859	0.515767	1.3736%
1921	1.912586	0.522852	2.3393%
1920	1.868868	0.535083	1.3140%
1919	1.844629	0.542114	0.7676%
1918	1.830577	0.546276	0.3870%
1917	1.823520	0.548390	1.3274%
1916	1.799631	0.555669	1.4083%
1915	1.774639	0.563495	1.4458%
1914	1.749347	0.571642	1.9424%
1913	1.716015	0.582745	1.9857%

1912	1.682604	0.594317	1.5634%
1911	1.656703	0.603608	1.8169%
1910	1.627140	0.614575	1.8781%
1909	1.597144	0.626118	2.0082%
1908	1.565701	0.638691	1.9603%
1907	1.535600	0.651211	1.8264%
1906	1.508057	0.663105	1.9357%
1905	1.479420	0.675940	2.0148%
1904	1.450201	0.689559	2.1335%
1903	1.419907	0.704271	1.8151%
1902	1.394593	0.717055	1.8943%
1901	1.368666	0.730639	3.0255%
1900	1.328473	0.752744	0.6278%
1899	1.320184	0.757470	1.7757%
1898	1.297151	0.770920	1.8078%
1897	1.274118	0.784856	1.8396%
1896	1.251103	0.799295	1.8755%
1895	1.228070	0.814286	1.9114%
1894	1.205037	0.829850	1.9486%
1893	1.182004	0.846021	1.9858%
1892	1.158989	0.862821	2.0276%
1891	1.135956	0.880316	2.6465%
1890	1.106668	0.903613	1.5328%
1889	1.089961	0.917464	2.0811%
1888	1.067740	0.936558	2.1599%
1887	1.045166	0.956786	2.2075%
1886	1.022592	0.977907	2.2592%
1885	1.000000	1.000000	2.3095%
1884	0.977426	1.023095	2.3641%
1883	0.954852	1.047283	2.4214%
1882	0.932278	1.072642	2.4815%
1881	0.909704	1.099259	3.7644%
1880	0.876701	1.140639	0.9432%
1879	0.868509	1.151398	2.1464%
1878	0.850259	1.176112	2.1913%
1877	0.832027	1.201884	2.2426%
1876	0.813777	1.228837	2.2941%
1875	0.795528	1.257027	2.3456%
1874	0.777295	1.286512	2.4043%
1873	0.759046	1.317444	2.4635%
1872	0.740796	1.349900	2.5258%
1871	0.722546	1.383995	5.9947%
1870	0.681681	1.466961	-1.0968%
1869	0.689241	1.450872	2.1930%
1868	0.674450	1.482689	2.2394%
1867	0.659677	1.515893	2.2935%
1866	0.644887	1.550660	2.3445%
1865	0.630114	1.587014	2.4037%
1864	0.615324	1.625161	2.4599%
1863	0.600551	1.665138	2.5250%
1862	0.585760	1.707183	2.5872%
1861	0.570987	1.751352	2.9504%
1860	0.554624	1.803024	2.4012%

1859	0.541618	1.846319	2.7627%
1858	0.527057	1.897328	2.8412%
1857	0.512496	1.951235	2.9243%
1856	0.497935	2.008294	3.0161%
1855	0.483356	2.068867	3.1061%
1854	0.468795	2.133128	3.2056%
1853	0.454234	2.201508	3.3118%
1852	0.439673	2.274417	3.4252%
1851	0.425112	2.352321	4.0106%
1850	0.408720	2.446663	2.3254%
1849	0.399432	2.503557	2.7841%
1848	0.388612	2.573258	2.8590%
1847	0.377811	2.646828	2.9432%
1846	0.367009	2.724728	3.0324%
1845	0.356207	2.807353	3.1325%
1844	0.345388	2.895294	3.2284%
1843	0.334586	2.988764	3.3361%
1842	0.323785	3.088471	3.4512%
1841	0.312983	3.195060	3.8105%
1840	0.301495	3.316807	2.3861%
1839	0.294469	3.395948	2.5824%
1838	0.287056	3.483645	2.6573%
1837	0.279625	3.576217	2.7232%
1836	0.272212	3.673604	2.7994%
1835	0.264799	3.776445	2.8871%
1834	0.257369	3.885475	2.9657%
1833	0.249956	4.000706	3.0563%
1832	0.242543	4.122981	3.1604%
1831	0.235112	4.253284	3.4660%
1830	0.227236	4.400702	2.4653%
1829	0.221769	4.509192	2.6804%
1828	0.215980	4.630056	10.3427%
1827	0.195736	5.108927	-4.2314%
1826	0.204384	4.892746	2.9150%
1825	0.198595	5.035371	3.0026%
1824	0.192806	5.186562	3.0955%
1823	0.187017	5.347112	3.1944%
1822	0.181228	5.517920	3.3102%
1821	0.175421	5.700573	3.2277%
1820	0.169936	5.884573	2.6573%
1819	0.165537	6.040943	2.6261%
1818	0.161301	6.199584	2.6969%
1817	0.157065	6.366783	2.7717%
1816	0.152829	6.543250	2.8507%
1815	0.148593	6.729778	2.9343%
1814	0.144357	6.927253	3.0231%
1813	0.140121	7.136667	3.1039%
1812	0.135903	7.358182	3.2172%
1811	0.131667	7.594906	3.0969%
1810	0.127712	7.830114	2.9144%
1809	0.124095	8.058313	2.8225%
1808	0.120689	8.285756	2.9199%
1807	0.117265	8.527694	2.9918%

1806	0.113859	8.782824	3.0841%
1805	0.110452	9.053691	3.1822%
1804	0.107046	9.341797	3.2868%
1803	0.103639	9.648842	3.3985%
1802	0.100233	9.976756	3.5180%
1801	0.096827	10.327743	3.3999%
1800	0.093643	10.678881	2.8419%
1799	0.091055	10.982361	2.7485%
1798	0.088619	11.284206	2.8261%
1797	0.086184	11.603113	3.7832%
1796	0.083042	12.042083	2.1272%
1795	0.081312	12.298242	3.0879%
1794	0.078877	12.678004	3.1625%
1793	0.076459	13.078947	3.2904%
1792	0.074023	13.509299	3.4024%
1791	0.071587	13.968935	3.2296%
1790	0.069348	14.420071	41.3145%
1780	0.049073	20.377644	29.4353%
1770	0.037913	26.375867	83.4728%
1750	0.020664	48.392552	29.2845%
1740	0.015984	62.564046	94.2514%
1720	0.008228	121.531532	85.8111%
1700	0.004428	225.819051	19.2490%
1690	0.003714	269.287072	88.0250%
1670	0.001975	506.327078	

BASE YEAR: 1884

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.443044	0.183721	8.2857%
2001	5.026561	0.198943	1.0000%
2000	4.976792	0.200933	1.0000%
1999	4.927517	0.202942	1.0000%
1998	4.878730	0.204971	1.0000%
1997	4.830425	0.207021	1.0000%
1996	4.782599	0.209091	1.0000%
1995	4.735247	0.211182	0.9992%
1994	4.688399	0.213292	1.0008%
1993	4.641944	0.215427	1.0000%
1992	4.595984	0.217581	0.9295%
1991	4.553658	0.219604	1.2505%
1990	4.497417	0.222350	0.7224%
1989	4.465158	0.223956	1.1077%
1988	4.416241	0.226437	0.8834%
1987	4.377571	0.228437	0.5594%
1986	4.353221	0.229715	1.3056%
1985	4.297116	0.232714	0.7673%
1984	4.264396	0.234500	0.8149%
1983	4.229925	0.236411	0.9737%
1982	4.189133	0.238713	0.9508%
1981	4.149678	0.240983	0.9031%
1980	4.112539	0.243159	2.2701%

1979	4.021254	0.248679	1.0042%
1978	3.981274	0.251176	0.9896%
1977	3.942262	0.253662	0.9103%
1976	3.906697	0.255971	0.8394%
1975	3.874176	0.258119	0.9042%
1974	3.839461	0.260453	1.1568%
1973	3.795554	0.263466	0.9427%
1972	3.760108	0.265950	0.7426%
1971	3.732390	0.267925	1.4697%
1970	3.678328	0.271863	0.6968%
1969	3.652874	0.273757	0.8565%
1968	3.621851	0.276102	1.5090%
1967	3.568009	0.280268	0.9949%
1966	3.532860	0.283057	1.0575%
1965	3.495892	0.286050	1.1300%
1964	3.456829	0.289282	1.5537%
1963	3.403944	0.293777	1.4658%
1962	3.354769	0.298083	1.5364%
1961	3.304005	0.302663	2.1586%
1960	3.234191	0.309196	-1.6655%
1959	3.288968	0.304047	4.3080%
1958	3.153131	0.317145	2.1130%
1957	3.087885	0.323846	1.9895%
1956	3.027650	0.330289	2.1231%
1955	2.964707	0.337301	1.4496%
1954	2.922344	0.342191	2.1573%
1953	2.860633	0.349573	1.2298%
1952	2.825882	0.353872	1.6814%
1951	2.779154	0.359822	1.6233%
1950	2.734761	0.365663	1.4265%
1949	2.696297	0.370879	1.7790%
1948	2.649168	0.377477	1.8242%
1947	2.601708	0.384363	-2.6320%
1946	2.672037	0.374246	3.1768%
1945	2.589766	0.386135	6.4754%
1944	2.432266	0.411139	-0.3437%
1943	2.440654	0.409726	0.6562%
1942	2.424742	0.412415	0.6633%
1941	2.408765	0.415150	-5.6614%
1940	2.553319	0.391647	8.0381%
1939	2.363351	0.423128	0.8126%
1938	2.344300	0.426567	0.7762%
1937	2.326243	0.429878	0.6029%
1936	2.312302	0.432469	0.5244%
1935	2.300240	0.434737	-3.0364%
1934	2.372271	0.421537	4.6271%
1933	2.267358	0.441042	1.3921%
1932	2.236227	0.447182	-0.2051%
1931	2.240822	0.446265	0.8886%
1930	2.221086	0.450230	1.0126%
1929	2.198821	0.454789	1.1526%
1928	2.173766	0.460031	1.2160%
1927	2.147651	0.465625	1.4086%

1926	2.117820	0.472184	1.7667%
1925	2.081054	0.480526	1.4465%
1924	2.051381	0.487477	1.7700%
1923	2.015703	0.496105	1.6165%
1922	1.983637	0.504124	1.3736%
1921	1.956758	0.511049	2.3393%
1920	1.912030	0.523004	1.3140%
1919	1.887232	0.529877	0.7676%
1918	1.872855	0.533944	0.3870%
1917	1.865635	0.536011	1.3274%
1916	1.841194	0.543126	1.4083%
1915	1.815625	0.550775	1.4458%
1914	1.789749	0.558738	1.9424%
1913	1.755647	0.569590	1.9857%
1912	1.721465	0.580901	1.5634%
1911	1.694966	0.589982	1.8169%
1910	1.664719	0.600702	1.8781%
1909	1.634031	0.611984	2.0082%
1908	1.601862	0.624274	1.9603%
1907	1.571065	0.636511	1.8264%
1906	1.542886	0.648136	1.9357%
1905	1.513588	0.660682	2.0148%
1904	1.483694	0.673993	2.1335%
1903	1.452700	0.688373	1.8151%
1902	1.426802	0.700868	1.8943%
1901	1.400276	0.714145	3.0255%
1900	1.359155	0.735752	0.6278%
1899	1.350674	0.740371	1.7757%
1898	1.327110	0.753517	1.8078%
1897	1.303545	0.767139	1.8396%
1896	1.279998	0.781251	1.8755%
1895	1.256433	0.795904	1.9114%
1894	1.232868	0.811117	1.9486%
1893	1.209303	0.826923	1.9858%
1892	1.185756	0.843344	2.0276%
1891	1.162191	0.860443	2.6465%
1890	1.132227	0.883215	1.5328%
1889	1.115134	0.896753	2.0811%
1888	1.092400	0.915416	2.1599%
1887	1.069304	0.935188	2.2075%
1886	1.046209	0.955832	2.2592%
1885	1.023095	0.977426	2.3095%
1884	1.000000	1.000000	2.3641%
1883	0.976905	1.023641	2.4214%
1882	0.953809	1.048428	2.4815%
1881	0.930714	1.074444	3.7644%
1880	0.896949	1.114890	0.9432%
1879	0.888568	1.125406	2.1464%
1878	0.869897	1.149562	2.1913%
1877	0.851243	1.174752	2.2426%
1876	0.832572	1.201097	2.2941%
1875	0.813901	1.228651	2.3456%
1874	0.795247	1.257470	2.4043%

1873	0.776576	1.287704	2.4635%
1872	0.757905	1.319427	2.5258%
1871	0.739233	1.352753	5.9947%
1870	0.697425	1.433846	-1.0968%
1869	0.705159	1.418120	2.1930%
1868	0.690027	1.449219	2.2394%
1867	0.674913	1.481673	2.2935%
1866	0.659781	1.515655	2.3445%
1865	0.644667	1.551189	2.4037%
1864	0.629535	1.588475	2.4599%
1863	0.614421	1.627550	2.5250%
1862	0.599289	1.668645	2.5872%
1861	0.584175	1.711817	2.9504%
1860	0.567433	1.762323	2.4012%
1859	0.554127	1.804640	2.7627%
1858	0.539230	1.854497	2.8412%
1857	0.524332	1.907187	2.9243%
1856	0.509435	1.962959	3.0161%
1855	0.494520	2.022165	3.1061%
1854	0.479622	2.084974	3.2056%
1853	0.464725	2.151811	3.3118%
1852	0.449828	2.223074	3.4252%
1851	0.434930	2.299219	4.0106%
1850	0.418159	2.391432	2.3254%
1849	0.408657	2.447042	2.7841%
1848	0.397588	2.515169	2.8590%
1847	0.386536	2.587078	2.9432%
1846	0.375485	2.663220	3.0324%
1845	0.364434	2.743980	3.1325%
1844	0.353365	2.829935	3.2284%
1843	0.342314	2.921296	3.3361%
1842	0.331263	3.018752	3.4512%
1841	0.320212	3.122935	3.8105%
1840	0.308458	3.241934	2.3861%
1839	0.301269	3.319288	2.5824%
1838	0.293685	3.405005	2.6573%
1837	0.286083	3.495487	2.7232%
1836	0.278499	3.590676	2.7994%
1835	0.270915	3.691195	2.8871%
1834	0.263313	3.797764	2.9657%
1833	0.255729	3.910394	3.0563%
1832	0.248145	4.029908	3.1604%
1831	0.240542	4.157270	3.4660%
1830	0.232485	4.301360	2.4653%
1829	0.226891	4.407402	2.6804%
1828	0.220968	4.525537	10.3427%
1827	0.200256	4.993598	-4.2314%
1826	0.209105	4.782297	2.9150%
1825	0.203182	4.921703	3.0026%
1824	0.197259	5.069480	3.0955%
1823	0.191336	5.226406	3.1944%
1822	0.185413	5.393358	3.3102%
1821	0.179472	5.571889	3.2277%

1820	0.173861	5.751735	2.6573%
1819	0.169360	5.904574	2.6261%
1818	0.165026	6.059635	2.6969%
1817	0.160693	6.223059	2.7717%
1816	0.156359	6.395542	2.8507%
1815	0.152025	6.577860	2.9343%
1814	0.147691	6.770877	3.0231%
1813	0.143358	6.975564	3.1039%
1812	0.139042	7.192078	3.2172%
1811	0.134708	7.423458	3.0969%
1810	0.130662	7.653357	2.9144%
1809	0.126961	7.876404	2.8225%
1808	0.123476	8.098713	2.9199%
1807	0.119973	8.335190	2.9918%
1806	0.116488	8.584561	3.0841%
1805	0.113003	8.849313	3.1822%
1804	0.109518	9.130915	3.2868%
1803	0.106033	9.431029	3.3985%
1802	0.102548	9.751541	3.5180%
1801	0.099063	10.094604	3.3999%
1800	0.095805	10.437816	2.8419%
1799	0.093158	10.734445	2.7485%
1798	0.090666	11.029476	2.8261%
1797	0.088174	11.341184	3.7832%
1796	0.084960	11.770244	2.1272%
1795	0.083190	12.020621	3.0879%
1794	0.080698	12.391810	3.1625%
1793	0.078225	12.783703	3.2904%
1792	0.075733	13.204340	3.4024%
1791	0.073241	13.653600	3.2296%
1790	0.070949	14.094551	41.3145%
1780	0.050207	19.917638	29.4353%
1770	0.038789	25.780457	83.4728%
1750	0.021142	47.300137	29.2845%
1740	0.016353	61.151723	94.2514%
1720	0.008418	118.788074	85.8111%
1700	0.004531	220.721403	19.2490%
1690	0.003799	263.208175	88.0250%
1670	0.002021	494.897230	

BASE YEAR: 1883

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.571725	0.179478	8.2857%
2001	5.145396	0.194349	1.0000%
2000	5.094450	0.196292	1.0000%
1999	5.044010	0.198255	1.0000%
1998	4.994070	0.200237	1.0000%
1997	4.944623	0.202240	1.0000%
1996	4.895667	0.204262	1.0000%
1995	4.847195	0.206305	0.9992%
1994	4.799240	0.208366	1.0008%

1993	4.751686	0.210452	1.0000%
1992	4.704640	0.212556	0.9295%
1991	4.661312	0.214532	1.2505%
1990	4.603742	0.217215	0.7224%
1989	4.570721	0.218784	1.1077%
1988	4.520647	0.221207	0.8834%
1987	4.481063	0.223161	0.5594%
1986	4.456137	0.224410	1.3056%
1985	4.398706	0.227340	0.7673%
1984	4.365213	0.229084	0.8149%
1983	4.329926	0.230951	0.9737%
1982	4.288170	0.233200	0.9508%
1981	4.247782	0.235417	0.9031%
1980	4.209765	0.237543	2.2701%
1979	4.116322	0.242935	1.0042%
1978	4.075397	0.245375	0.9896%
1977	4.035462	0.247803	0.9103%
1976	3.999057	0.250059	0.8394%
1975	3.965767	0.252158	0.9042%
1974	3.930231	0.254438	1.1568%
1973	3.885287	0.257381	0.9427%
1972	3.849002	0.259808	0.7426%
1971	3.820628	0.261737	1.4697%
1970	3.765289	0.265584	0.6968%
1969	3.739233	0.267435	0.8565%
1968	3.707477	0.269725	1.5090%
1967	3.652361	0.273795	0.9949%
1966	3.616382	0.276519	1.0575%
1965	3.578540	0.279444	1.1300%
1964	3.538554	0.282601	1.5537%
1963	3.484418	0.286992	1.4658%
1962	3.434080	0.291199	1.5364%
1961	3.382116	0.295673	2.1586%
1960	3.310651	0.302055	-1.6655%
1959	3.366724	0.297025	4.3080%
1958	3.227676	0.309820	2.1130%
1957	3.160887	0.316367	1.9895%
1956	3.099228	0.322661	2.1231%
1955	3.034797	0.329511	1.4496%
1954	2.991433	0.334288	2.1573%
1953	2.928262	0.341499	1.2298%
1952	2.892689	0.345699	1.6814%
1951	2.844857	0.351512	1.6233%
1950	2.799415	0.357218	1.4265%
1949	2.760042	0.362313	1.7790%
1948	2.711798	0.368759	1.8242%
1947	2.663216	0.375486	-2.6320%
1946	2.735208	0.365603	3.1768%
1945	2.650991	0.377217	6.4754%
1944	2.489768	0.401644	-0.3437%
1943	2.498355	0.400263	0.6562%
1942	2.482067	0.402890	0.6633%
1941	2.465712	0.405562	-5.6614%

1940	2.613683	0.382602	8.0381%
1939	2.419224	0.413356	0.8126%
1938	2.399723	0.416715	0.7762%
1937	2.381238	0.419950	0.6029%
1936	2.366969	0.422481	0.5244%
1935	2.354621	0.424697	-3.0364%
1934	2.428355	0.411801	4.6271%
1933	2.320961	0.430856	1.3921%
1932	2.289094	0.436854	-0.2051%
1931	2.293799	0.435958	0.8886%
1930	2.273595	0.439832	1.0126%
1929	2.250804	0.444286	1.1526%
1928	2.225157	0.449406	1.2160%
1927	2.198424	0.454871	1.4086%
1926	2.167888	0.461278	1.7667%
1925	2.130253	0.469428	1.4465%
1924	2.099878	0.476218	1.7700%
1923	2.063357	0.484647	1.6165%
1922	2.030533	0.492481	1.3736%
1921	2.003019	0.499246	2.3393%
1920	1.957233	0.510925	1.3140%
1919	1.931848	0.517639	0.7676%
1918	1.917132	0.521613	0.3870%
1917	1.909741	0.523631	1.3274%
1916	1.884723	0.530582	1.4083%
1915	1.858549	0.538054	1.4458%
1914	1.832061	0.545833	1.9424%
1913	1.797153	0.556436	1.9857%
1912	1.762163	0.567485	1.5634%
1911	1.735037	0.576357	1.8169%
1910	1.704075	0.586829	1.8781%
1909	1.672662	0.597850	2.0082%
1908	1.639732	0.609856	1.9603%
1907	1.608207	0.621810	1.8264%
1906	1.579362	0.633167	1.9357%
1905	1.549372	0.645423	2.0148%
1904	1.518771	0.658427	2.1335%
1903	1.487044	0.672475	1.8151%
1902	1.460533	0.684681	1.8943%
1901	1.433380	0.697652	3.0255%
1900	1.391287	0.718759	0.6278%
1899	1.382606	0.723272	1.7757%
1898	1.358484	0.736115	1.8078%
1897	1.334362	0.749422	1.8396%
1896	1.310259	0.763208	1.8755%
1895	1.286137	0.777522	1.9114%
1894	1.262015	0.792384	1.9486%
1893	1.237893	0.807824	1.9858%
1892	1.213789	0.823866	2.0276%
1891	1.189667	0.840571	2.6465%
1890	1.158994	0.862817	1.5328%
1889	1.141497	0.876042	2.0811%
1888	1.118226	0.894274	2.1599%

1887	1.094584	0.913589	2.2075%
1886	1.070943	0.933757	2.2592%
1885	1.047283	0.954852	2.3095%
1884	1.023641	0.976905	2.3641%
1883	1.000000	1.000000	2.4214%
1882	0.976359	1.024214	2.4815%
1881	0.952717	1.049629	3.7644%
1880	0.918154	1.089142	0.9432%
1879	0.909575	1.099415	2.1464%
1878	0.890462	1.123012	2.1913%
1877	0.871368	1.147621	2.2426%
1876	0.852255	1.173358	2.2941%
1875	0.833142	1.200275	2.3456%
1874	0.814048	1.228429	2.4043%
1873	0.794935	1.257964	2.4635%
1872	0.775823	1.288955	2.5258%
1871	0.756710	1.321511	5.9947%
1870	0.713913	1.400731	-1.0968%
1869	0.721830	1.385368	2.1930%
1868	0.706340	1.415749	2.2394%
1867	0.690869	1.447453	2.2935%
1866	0.675379	1.480650	2.3445%
1865	0.659908	1.515364	2.4037%
1864	0.644418	1.551788	2.4599%
1863	0.628946	1.589961	2.5250%
1862	0.613457	1.630107	2.5872%
1861	0.597985	1.672282	2.9504%
1860	0.580848	1.721621	2.4012%
1859	0.567227	1.762962	2.7627%
1858	0.551978	1.811667	2.8412%
1857	0.536728	1.863140	2.9243%
1856	0.521479	1.917624	3.0161%
1855	0.506211	1.975462	3.1061%
1854	0.490961	2.036821	3.2056%
1853	0.475712	2.102114	3.3118%
1852	0.460462	2.171731	3.4252%
1851	0.445213	2.246118	4.0106%
1850	0.428045	2.336201	2.3254%
1849	0.418318	2.390526	2.7841%
1848	0.406987	2.457081	2.8590%
1847	0.395675	2.527329	2.9432%
1846	0.384362	2.601712	3.0324%
1845	0.373050	2.680606	3.1325%
1844	0.361719	2.764577	3.2284%
1843	0.350407	2.853827	3.3361%
1842	0.339094	2.949032	3.4512%
1841	0.327782	3.050809	3.8105%
1840	0.315750	3.167060	2.3861%
1839	0.308392	3.242628	2.5824%
1838	0.300628	3.326365	2.6573%
1837	0.292847	3.414757	2.7232%
1836	0.285083	3.507748	2.7994%
1835	0.277320	3.605945	2.8871%

1834	0.269538	3.710053	2.9657%
1833	0.261774	3.820082	3.0563%
1832	0.254011	3.936836	3.1604%
1831	0.246229	4.061257	3.4660%
1830	0.237981	4.202018	2.4653%
1829	0.232255	4.305611	2.6804%
1828	0.226192	4.421018	10.3427%
1827	0.204991	4.878269	-4.2314%
1826	0.214048	4.671848	2.9150%
1825	0.207985	4.808034	3.0026%
1824	0.201922	4.952398	3.0955%
1823	0.195860	5.105700	3.1944%
1822	0.189797	5.268796	3.3102%
1821	0.183715	5.443204	3.2277%
1820	0.177971	5.618896	2.6573%
1819	0.173364	5.768206	2.6261%
1818	0.168928	5.919685	2.6969%
1817	0.164492	6.079335	2.7717%
1816	0.160055	6.247835	2.8507%
1815	0.155619	6.425941	2.9343%
1814	0.151183	6.614501	3.0231%
1813	0.146747	6.814460	3.1039%
1812	0.142329	7.025974	3.2172%
1811	0.137893	7.252011	3.0969%
1810	0.133751	7.476599	2.9144%
1809	0.129963	7.694496	2.8225%
1808	0.126396	7.911670	2.9199%
1807	0.122810	8.142685	2.9918%
1806	0.119242	8.386297	3.0841%
1805	0.115675	8.644934	3.1822%
1804	0.112107	8.920033	3.2868%
1803	0.108540	9.213215	3.3985%
1802	0.104972	9.526325	3.5180%
1801	0.101405	9.861466	3.3999%
1800	0.098070	10.196750	2.8419%
1799	0.095360	10.486528	2.7485%
1798	0.092810	10.774746	2.8261%
1797	0.090259	11.079255	3.7832%
1796	0.086969	11.498406	2.1272%
1795	0.085157	11.743000	3.0879%
1794	0.082606	12.105616	3.1625%
1793	0.080074	12.488458	3.2904%
1792	0.077523	12.899380	3.4024%
1791	0.074972	13.338264	3.2296%
1790	0.072627	13.769032	41.3145%
1780	0.051394	19.457632	29.4353%
1770	0.039706	25.185047	83.4728%
1750	0.021641	46.207721	29.2845%
1740	0.016739	59.739399	94.2514%
1720	0.008617	116.044616	85.8111%
1700	0.004638	215.623754	19.2490%
1690	0.003889	257.129278	88.0250%
1670	0.002068	483.467382	

BASE YEAR: 1882

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.706638	0.175235	8.2857%
2001	5.269985	0.189754	1.0000%
2000	5.217807	0.191651	1.0000%
1999	5.166145	0.193568	1.0000%
1998	5.114995	0.195504	1.0000%
1997	5.064352	0.197459	1.0000%
1996	5.014210	0.199433	1.0000%
1995	4.964564	0.201428	0.9992%
1994	4.915448	0.203440	1.0008%
1993	4.866743	0.205476	1.0000%
1992	4.818557	0.207531	0.9295%
1991	4.774181	0.209460	1.2505%
1990	4.715216	0.212079	0.7224%
1989	4.681396	0.213612	1.1077%
1988	4.630109	0.215978	0.8834%
1987	4.589567	0.217885	0.5594%
1986	4.564037	0.219104	1.3056%
1985	4.505216	0.221965	0.7673%
1984	4.470911	0.223668	0.8149%
1983	4.434770	0.225491	0.9737%
1982	4.392003	0.227687	0.9508%
1981	4.350637	0.229851	0.9031%
1980	4.311700	0.231927	2.2701%
1979	4.215994	0.237192	1.0042%
1978	4.174078	0.239574	0.9896%
1977	4.133176	0.241945	0.9103%
1976	4.095890	0.244147	0.8394%
1975	4.061794	0.246197	0.9042%
1974	4.025397	0.248423	1.1568%
1973	3.979364	0.251296	0.9427%
1972	3.942201	0.253665	0.7426%
1971	3.913141	0.255549	1.4697%
1970	3.856461	0.259305	0.6968%
1969	3.829774	0.261112	0.8565%
1968	3.797249	0.263349	1.5090%
1967	3.740799	0.267323	0.9949%
1966	3.703948	0.269982	1.0575%
1965	3.665190	0.272837	1.1300%
1964	3.624236	0.275920	1.5537%
1963	3.568789	0.280207	1.4658%
1962	3.517233	0.284314	1.5364%
1961	3.464011	0.288683	2.1586%
1960	3.390815	0.294914	-1.6655%
1959	3.448245	0.290003	4.3080%
1958	3.305830	0.302496	2.1130%
1957	3.237425	0.308888	1.9895%
1956	3.174273	0.315033	2.1231%
1955	3.108281	0.321721	1.4496%

1954	3.063867	0.326385	2.1573%
1953	2.999167	0.333426	1.2298%
1952	2.962733	0.337526	1.6814%
1951	2.913742	0.343201	1.6233%
1950	2.867199	0.348772	1.4265%
1949	2.826873	0.353748	1.7790%
1948	2.777461	0.360041	1.8242%
1947	2.727703	0.366609	-2.6320%
1946	2.801438	0.356960	3.1768%
1945	2.715182	0.368299	6.4754%
1944	2.550055	0.392148	-0.3437%
1943	2.558849	0.390801	0.6562%
1942	2.542167	0.393365	0.6633%
1941	2.525416	0.395974	-5.6614%
1940	2.676971	0.373557	8.0381%
1939	2.477802	0.403583	0.8126%
1938	2.457829	0.406863	0.7762%
1937	2.438897	0.410021	0.6029%
1936	2.424282	0.412493	0.5244%
1935	2.411636	0.414656	-3.0364%
1934	2.487155	0.402066	4.6271%
1933	2.377161	0.420670	1.3921%
1932	2.344522	0.426526	-0.2051%
1931	2.349340	0.425651	0.8886%
1930	2.328648	0.429434	1.0126%
1929	2.305305	0.433782	1.1526%
1928	2.279037	0.438782	1.2160%
1927	2.251657	0.444117	1.4086%
1926	2.220381	0.450373	1.7667%
1925	2.181834	0.458330	1.4465%
1924	2.150724	0.464960	1.7700%
1923	2.113319	0.473189	1.6165%
1922	2.079700	0.480839	1.3736%
1921	2.051520	0.487444	2.3393%
1920	2.004625	0.498846	1.3140%
1919	1.978626	0.505401	0.7676%
1918	1.963553	0.509281	0.3870%
1917	1.955983	0.511252	1.3274%
1916	1.930359	0.518038	1.4083%
1915	1.903552	0.525334	1.4458%
1914	1.876422	0.532929	1.9424%
1913	1.840669	0.543281	1.9857%
1912	1.804831	0.554068	1.5634%
1911	1.777049	0.562731	1.8169%
1910	1.745338	0.572955	1.8781%
1909	1.713163	0.583716	2.0082%
1908	1.679436	0.595438	1.9603%
1907	1.647148	0.607110	1.8264%
1906	1.617605	0.618198	1.9357%
1905	1.586888	0.630164	2.0148%
1904	1.555546	0.642861	2.1335%
1903	1.523051	0.656577	1.8151%
1902	1.495899	0.668495	1.8943%

1901	1.468088	0.681158	3.0255%
1900	1.424975	0.701767	0.6278%
1899	1.416085	0.706173	1.7757%
1898	1.391378	0.718712	1.8078%
1897	1.366672	0.731704	1.8396%
1896	1.341985	0.745165	1.8755%
1895	1.317279	0.759141	1.9114%
1894	1.292573	0.773651	1.9486%
1893	1.267867	0.788726	1.9858%
1892	1.243180	0.804389	2.0276%
1891	1.218474	0.820699	2.6465%
1890	1.187058	0.842419	1.5328%
1889	1.169137	0.855332	2.0811%
1888	1.145302	0.873132	2.1599%
1887	1.121088	0.891990	2.2075%
1886	1.096874	0.911681	2.2592%
1885	1.072642	0.932278	2.3095%
1884	1.048428	0.953809	2.3641%
1883	1.024214	0.976359	2.4214%
1882	1.000000	1.000000	2.4815%
1881	0.975786	1.024815	3.7644%
1880	0.940386	1.063393	0.9432%
1879	0.931599	1.073423	2.1464%
1878	0.912024	1.096463	2.1913%
1877	0.892467	1.120490	2.2426%
1876	0.872891	1.145618	2.2941%
1875	0.853316	1.171899	2.3456%
1874	0.833759	1.199387	2.4043%
1873	0.814184	1.228224	2.4635%
1872	0.794608	1.258482	2.5258%
1871	0.775033	1.290268	5.9947%
1870	0.731200	1.367616	-1.0968%
1869	0.739308	1.352616	2.1930%
1868	0.723443	1.382278	2.2394%
1867	0.707597	1.413233	2.2935%
1866	0.691732	1.445646	2.3445%
1865	0.675886	1.479538	2.4037%
1864	0.660022	1.515102	2.4599%
1863	0.644176	1.552372	2.5250%
1862	0.628311	1.591569	2.5872%
1861	0.612465	1.632747	2.9504%
1860	0.594912	1.680920	2.4012%
1859	0.580962	1.721283	2.7627%
1858	0.565343	1.768837	2.8412%
1857	0.549725	1.819093	2.9243%
1856	0.534106	1.872288	3.0161%
1855	0.518468	1.928759	3.1061%
1854	0.502849	1.988668	3.2056%
1853	0.487230	2.052417	3.3118%
1852	0.471612	2.120389	3.4252%
1851	0.455993	2.193017	4.0106%
1850	0.438410	2.280970	2.3254%
1849	0.428447	2.334011	2.7841%

1848	0.416842	2.398992	2.8590%
1847	0.405255	2.467579	2.9432%
1846	0.393669	2.540204	3.0324%
1845	0.382083	2.617233	3.1325%
1844	0.370478	2.699218	3.2284%
1843	0.358891	2.786359	3.3361%
1842	0.347305	2.879313	3.4512%
1841	0.335719	2.978684	3.8105%
1840	0.323396	3.092186	2.3861%
1839	0.315859	3.165967	2.5824%
1838	0.307908	3.247725	2.6573%
1837	0.299938	3.334028	2.7232%
1836	0.291986	3.424820	2.7994%
1835	0.284035	3.520696	2.8871%
1834	0.276064	3.622343	2.9657%
1833	0.268113	3.729770	3.0563%
1832	0.260162	3.843764	3.1604%
1831	0.252191	3.965243	3.4660%
1830	0.243743	4.102677	2.4653%
1829	0.237879	4.203820	2.6804%
1828	0.231669	4.316499	10.3427%
1827	0.209954	4.762940	-4.2314%
1826	0.219231	4.561399	2.9150%
1825	0.213021	4.694365	3.0026%
1824	0.206812	4.835317	3.0955%
1823	0.200602	4.984994	3.1944%
1822	0.194392	5.144235	3.3102%
1821	0.188164	5.314519	3.2277%
1820	0.182280	5.486057	2.6573%
1819	0.177562	5.631837	2.6261%
1818	0.173018	5.779735	2.6969%
1817	0.168475	5.935611	2.7717%
1816	0.163931	6.100127	2.8507%
1815	0.159387	6.274023	2.9343%
1814	0.154844	6.458124	3.0231%
1813	0.150300	6.653357	3.1039%
1812	0.145775	6.859870	3.2172%
1811	0.141232	7.080563	3.0969%
1810	0.136989	7.299842	2.9144%
1809	0.133110	7.512587	2.8225%
1808	0.129456	7.724627	2.9199%
1807	0.125783	7.950181	2.9918%
1806	0.122129	8.188033	3.0841%
1805	0.118476	8.440556	3.1822%
1804	0.114822	8.709151	3.2868%
1803	0.111168	8.995402	3.3985%
1802	0.107514	9.301109	3.5180%
1801	0.103860	9.628327	3.3999%
1800	0.100445	9.955685	2.8419%
1799	0.097669	10.238612	2.7485%
1798	0.095057	10.520016	2.8261%
1797	0.092444	10.817325	3.7832%
1796	0.089074	11.226567	2.1272%

1795	0.087219	11.465379	3.0879%
1794	0.084607	11.819423	3.1625%
1793	0.082013	12.193213	3.2904%
1792	0.079400	12.594421	3.4024%
1791	0.076788	13.022929	3.2296%
1790	0.074385	13.443513	41.3145%
1780	0.052638	18.997626	29.4353%
1770	0.040668	24.589637	83.4728%
1750	0.022165	45.115306	29.2845%
1740	0.017145	58.327076	94.2514%
1720	0.008826	113.301158	85.8111%
1700	0.004750	210.526106	19.2490%
1690	0.003983	251.050380	88.0250%
1670	0.002118	472.037534	

BASE YEAR: 1881

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	5.848247	0.170991	8.2857%
2001	5.400759	0.185159	1.0000%
2000	5.347285	0.187011	1.0000%
1999	5.294342	0.188881	1.0000%
1998	5.241923	0.190770	1.0000%
1997	5.190022	0.192677	1.0000%
1996	5.138636	0.194604	1.0000%
1995	5.087758	0.196550	0.9992%
1994	5.037423	0.198514	1.0008%
1993	4.987509	0.200501	1.0000%
1992	4.938128	0.202506	0.9295%
1991	4.892651	0.204388	1.2505%
1990	4.832223	0.206944	0.7224%
1989	4.797563	0.208439	1.1077%
1988	4.745004	0.210748	0.8834%
1987	4.703455	0.212610	0.5594%
1986	4.677292	0.213799	1.3056%
1985	4.617011	0.216590	0.7673%
1984	4.581856	0.218252	0.8149%
1983	4.544818	0.220031	0.9737%
1982	4.500989	0.222173	0.9508%
1981	4.458597	0.224286	0.9031%
1980	4.418693	0.226311	2.2701%
1979	4.320612	0.231449	1.0042%
1978	4.277657	0.233773	0.9896%
1977	4.235740	0.236086	0.9103%
1976	4.197528	0.238235	0.8394%
1975	4.162586	0.240235	0.9042%
1974	4.125286	0.242407	1.1568%
1973	4.078111	0.245212	0.9427%
1972	4.040026	0.247523	0.7426%
1971	4.010244	0.249361	1.4697%
1970	3.952158	0.253026	0.6968%
1969	3.924809	0.254789	0.8565%

1968	3.891477	0.256972	1.5090%
1967	3.833626	0.260850	0.9949%
1966	3.795861	0.263445	1.0575%
1965	3.756141	0.266231	1.1300%
1964	3.714170	0.269239	1.5537%
1963	3.657347	0.273422	1.4658%
1962	3.604512	0.277430	1.5364%
1961	3.549969	0.281693	2.1586%
1960	3.474957	0.287773	-1.6655%
1959	3.533812	0.282981	4.3080%
1958	3.387863	0.295171	2.1130%
1957	3.317760	0.301408	1.9895%
1956	3.253041	0.307405	2.1231%
1955	3.185412	0.313931	1.4496%
1954	3.139896	0.318482	2.1573%
1953	3.073590	0.325352	1.2298%
1952	3.036252	0.329353	1.6814%
1951	2.986045	0.334891	1.6233%
1950	2.938348	0.340327	1.4265%
1949	2.897021	0.345182	1.7790%
1948	2.846383	0.351323	1.8242%
1947	2.795390	0.357732	-2.6320%
1946	2.870955	0.348316	3.1768%
1945	2.782558	0.359381	6.4754%
1944	2.613334	0.382653	-0.3437%
1943	2.622347	0.381338	0.6562%
1942	2.605250	0.383840	0.6633%
1941	2.588084	0.386386	-5.6614%
1940	2.743399	0.364511	8.0381%
1939	2.539288	0.393811	0.8126%
1938	2.518820	0.397011	0.7762%
1937	2.499418	0.400093	0.6029%
1936	2.484440	0.402505	0.5244%
1935	2.471480	0.404616	-3.0364%
1934	2.548873	0.392330	4.6271%
1933	2.436149	0.410484	1.3921%
1932	2.402701	0.416198	-0.2051%
1931	2.407638	0.415345	0.8886%
1930	2.386433	0.419036	1.0126%
1929	2.362510	0.423279	1.1526%
1928	2.335590	0.428157	1.2160%
1927	2.307531	0.433364	1.4086%
1926	2.275479	0.439468	1.7667%
1925	2.235976	0.447232	1.4465%
1924	2.204094	0.453701	1.7700%
1923	2.165760	0.461732	1.6165%
1922	2.131307	0.469196	1.3736%
1921	2.102428	0.475641	2.3393%
1920	2.054369	0.486767	1.3140%
1919	2.027725	0.493164	0.7676%
1918	2.012278	0.496949	0.3870%
1917	2.004521	0.498872	1.3274%
1916	1.978260	0.505495	1.4083%

1915	1.950788	0.512613	1.4458%
1914	1.922985	0.520025	1.9424%
1913	1.886345	0.530126	1.9857%
1912	1.849618	0.540652	1.5634%
1911	1.821146	0.549105	1.8169%
1910	1.788648	0.559082	1.8781%
1909	1.755675	0.569582	2.0082%
1908	1.721111	0.581020	1.9603%
1907	1.688021	0.592410	1.8264%
1906	1.657745	0.603229	1.9357%
1905	1.626266	0.614906	2.0148%
1904	1.594147	0.627295	2.1335%
1903	1.560845	0.640678	1.8151%
1902	1.533019	0.652308	1.8943%
1901	1.504518	0.664665	3.0255%
1900	1.460336	0.684774	0.6278%
1899	1.451224	0.689073	1.7757%
1898	1.425905	0.701309	1.8078%
1897	1.400586	0.713987	1.8396%
1896	1.375286	0.727121	1.8755%
1895	1.349967	0.740759	1.9114%
1894	1.324648	0.754918	1.9486%
1893	1.299329	0.769628	1.9858%
1892	1.274029	0.784912	2.0276%
1891	1.248710	0.800827	2.6465%
1890	1.216515	0.822021	1.5328%
1889	1.198149	0.834621	2.0811%
1888	1.173722	0.851990	2.1599%
1887	1.148908	0.870392	2.2075%
1886	1.124093	0.889606	2.2592%
1885	1.099259	0.909704	2.3095%
1884	1.074444	0.930714	2.3641%
1883	1.049629	0.952717	2.4214%
1882	1.024815	0.975786	2.4815%
1881	1.000000	1.000000	3.7644%
1880	0.963722	1.037644	0.9432%
1879	0.954717	1.047431	2.1464%
1878	0.934655	1.069913	2.1913%
1877	0.914613	1.093358	2.2426%
1876	0.894552	1.117878	2.2941%
1875	0.874491	1.143523	2.3456%
1874	0.854449	1.170345	2.4043%
1873	0.834387	1.198484	2.4635%
1872	0.814326	1.228009	2.5258%
1871	0.794265	1.259026	5.9947%
1870	0.749344	1.334500	-1.0968%
1869	0.757654	1.319864	2.1930%
1868	0.741395	1.348808	2.2394%
1867	0.725156	1.379013	2.2935%
1866	0.708898	1.410641	2.3445%
1865	0.692658	1.443713	2.4037%
1864	0.676400	1.478416	2.4599%
1863	0.660161	1.514783	2.5250%

1862	0.643902	1.553031	2.5872%
1861	0.627663	1.593212	2.9504%
1860	0.609675	1.640218	2.4012%
1859	0.595379	1.679604	2.7627%
1858	0.579372	1.726006	2.8412%
1857	0.563366	1.775046	2.9243%
1856	0.547359	1.826953	3.0161%
1855	0.531334	1.882057	3.1061%
1854	0.515327	1.940514	3.2056%
1853	0.499321	2.002720	3.3118%
1852	0.483315	2.069046	3.4252%
1851	0.467308	2.139915	4.0106%
1850	0.449289	2.225739	2.3254%
1849	0.439079	2.277495	2.7841%
1848	0.427186	2.340903	2.8590%
1847	0.415312	2.407830	2.9432%
1846	0.403438	2.478696	3.0324%
1845	0.391564	2.553860	3.1325%
1844	0.379671	2.633860	3.2284%
1843	0.367797	2.718890	3.3361%
1842	0.355923	2.809594	3.4512%
1841	0.344050	2.906558	3.8105%
1840	0.331421	3.017312	2.3861%
1839	0.323697	3.089307	2.5824%
1838	0.315548	3.169085	2.6573%
1837	0.307380	3.253298	2.7232%
1836	0.299232	3.341892	2.7994%
1835	0.291083	3.435446	2.8871%
1834	0.282915	3.534632	2.9657%
1833	0.274766	3.639458	3.0563%
1832	0.266618	3.750691	3.1604%
1831	0.258449	3.869229	3.4660%
1830	0.249792	4.003335	2.4653%
1829	0.243782	4.102029	2.6804%
1828	0.237418	4.211980	10.3427%
1827	0.215164	4.647610	-4.2314%
1826	0.224671	4.450950	2.9150%
1825	0.218307	4.580697	3.0026%
1824	0.211944	4.718235	3.0955%
1823	0.205580	4.864288	3.1944%
1822	0.199216	5.019673	3.3102%
1821	0.192833	5.185834	3.2277%
1820	0.186804	5.353219	2.6573%
1819	0.181968	5.495469	2.6261%
1818	0.177312	5.639786	2.6969%
1817	0.172655	5.791887	2.7717%
1816	0.167999	5.952419	2.8507%
1815	0.163343	6.122105	2.9343%
1814	0.158686	6.301748	3.0231%
1813	0.154030	6.492253	3.1039%
1812	0.149393	6.693766	3.2172%
1811	0.144736	6.909115	3.0969%
1810	0.140389	7.123085	2.9144%

1809	0.136413	7.330678	2.8225%
1808	0.132669	7.537584	2.9199%
1807	0.128905	7.757676	2.9918%
1806	0.125160	7.989769	3.0841%
1805	0.121416	8.236178	3.1822%
1804	0.117671	8.498269	3.2868%
1803	0.113927	8.777589	3.3985%
1802	0.110182	9.075894	3.5180%
1801	0.106437	9.395188	3.3999%
1800	0.102938	9.714619	2.8419%
1799	0.100093	9.990696	2.7485%
1798	0.097416	10.265286	2.8261%
1797	0.094738	10.555396	3.7832%
1796	0.091285	10.954729	2.1272%
1795	0.089383	11.187758	3.0879%
1794	0.086706	11.533229	3.1625%
1793	0.084048	11.897969	3.2904%
1792	0.081371	12.289461	3.4024%
1791	0.078693	12.707594	3.2296%
1790	0.076231	13.117993	41.3145%
1780	0.053944	18.537620	29.4353%
1770	0.041677	23.994227	83.4728%
1750	0.022715	44.022890	29.2845%
1740	0.017570	56.914753	94.2514%
1720	0.009045	110.557701	85.8111%
1700	0.004868	205.428458	19.2490%
1690	0.004082	244.971483	88.0250%
1670	0.002171	460.607685	

BASE YEAR: 1880

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.068398	0.164788	8.2857%
2001	5.604065	0.178442	1.0000%
2000	5.548578	0.180226	1.0000%
1999	5.493642	0.182029	1.0000%
1998	5.439249	0.183849	1.0000%
1997	5.385395	0.185687	1.0000%
1996	5.332075	0.187544	1.0000%
1995	5.279282	0.189420	0.9992%
1994	5.227052	0.191312	1.0008%
1993	5.175259	0.193227	1.0000%
1992	5.124019	0.195159	0.9295%
1991	5.076829	0.196973	1.2505%
1990	5.014127	0.199437	0.7224%
1989	4.978162	0.200877	1.1077%
1988	4.923625	0.203102	0.8834%
1987	4.880512	0.204897	0.5594%
1986	4.853364	0.206043	1.3056%
1985	4.790814	0.208733	0.7673%
1984	4.754335	0.210334	0.8149%
1983	4.715903	0.212048	0.9737%

1982	4.670425	0.214113	0.9508%
1981	4.626436	0.216149	0.9031%
1980	4.585030	0.218101	2.2701%
1979	4.483257	0.223052	1.0042%
1978	4.438685	0.225292	0.9896%
1977	4.395190	0.227521	0.9103%
1976	4.355540	0.229593	0.8394%
1975	4.319282	0.231520	0.9042%
1974	4.280578	0.233613	1.1568%
1973	4.231627	0.236316	0.9427%
1972	4.192108	0.238543	0.7426%
1971	4.161206	0.240315	1.4697%
1970	4.100933	0.243847	0.6968%
1969	4.072554	0.245546	0.8565%
1968	4.037967	0.247649	1.5090%
1967	3.977939	0.251386	0.9949%
1966	3.938752	0.253888	1.0575%
1965	3.897537	0.256572	1.1300%
1964	3.853986	0.259472	1.5537%
1963	3.795024	0.263503	1.4658%
1962	3.740200	0.267365	1.5364%
1961	3.683604	0.271473	2.1586%
1960	3.605768	0.277333	-1.6655%
1959	3.666839	0.272714	4.3080%
1958	3.515396	0.284463	2.1130%
1957	3.442654	0.290474	1.9895%
1956	3.375499	0.296253	2.1231%
1955	3.305323	0.302542	1.4496%
1954	3.258094	0.306928	2.1573%
1953	3.189293	0.313549	1.2298%
1952	3.150549	0.317405	1.6814%
1951	3.098452	0.322742	1.6233%
1950	3.048959	0.327981	1.4265%
1949	3.006076	0.332660	1.7790%
1948	2.953532	0.338578	1.8242%
1947	2.900620	0.344754	-2.6320%
1946	2.979029	0.335680	3.1768%
1945	2.887305	0.346344	6.4754%
1944	2.711710	0.368771	-0.3437%
1943	2.721062	0.367504	0.6562%
1942	2.703322	0.369915	0.6633%
1941	2.685509	0.372369	-5.6614%
1940	2.846671	0.351287	8.0381%
1939	2.634877	0.379524	0.8126%
1938	2.613638	0.382608	0.7762%
1937	2.593506	0.385578	0.6029%
1936	2.577964	0.387903	0.5244%
1935	2.564516	0.389937	-3.0364%
1934	2.644822	0.378097	4.6271%
1933	2.527855	0.395592	1.3921%
1932	2.493148	0.401099	-0.2051%
1931	2.498271	0.400277	0.8886%
1930	2.476267	0.403834	1.0126%

1929	2.451444	0.407923	1.1526%
1928	2.423511	0.412624	1.2160%
1927	2.394395	0.417642	1.4086%
1926	2.361137	0.423525	1.7667%
1925	2.320147	0.431007	1.4465%
1924	2.287065	0.437242	1.7700%
1923	2.247288	0.444981	1.6165%
1922	2.211538	0.452174	1.3736%
1921	2.181571	0.458385	2.3393%
1920	2.131704	0.469108	1.3140%
1919	2.104057	0.475272	0.7676%
1918	2.088028	0.478921	0.3870%
1917	2.079979	0.480774	1.3274%
1916	2.052730	0.487156	1.4083%
1915	2.024223	0.494017	1.4458%
1914	1.995374	0.501159	1.9424%
1913	1.957355	0.510894	1.9857%
1912	1.919245	0.521038	1.5634%
1911	1.889701	0.529184	1.8169%
1910	1.855979	0.538799	1.8781%
1909	1.821766	0.548918	2.0082%
1908	1.785900	0.559942	1.9603%
1907	1.751565	0.570918	1.8264%
1906	1.720149	0.581345	1.9357%
1905	1.687485	0.592598	2.0148%
1904	1.654157	0.604538	2.1335%
1903	1.619602	0.617436	1.8151%
1902	1.590728	0.628643	1.8943%
1901	1.561154	0.640552	3.0255%
1900	1.515308	0.659932	0.6278%
1899	1.505854	0.664075	1.7757%
1898	1.479582	0.675867	1.8078%
1897	1.453310	0.688085	1.8396%
1896	1.427057	0.700743	1.8755%
1895	1.400785	0.713885	1.9114%
1894	1.374513	0.727530	1.9486%
1893	1.348241	0.741707	1.9858%
1892	1.321988	0.756436	2.0276%
1891	1.295716	0.771774	2.6465%
1890	1.262309	0.792199	1.5328%
1889	1.243252	0.804342	2.0811%
1888	1.217906	0.821081	2.1599%
1887	1.192157	0.838816	2.2075%
1886	1.166408	0.857333	2.2592%
1885	1.140639	0.876701	2.3095%
1884	1.114890	0.896949	2.3641%
1883	1.089142	0.918154	2.4214%
1882	1.063393	0.940386	2.4815%
1881	1.037644	0.963722	3.7644%
1880	1.000000	1.000000	0.9432%
1879	0.990656	1.009432	2.1464%
1878	0.969839	1.031099	2.1913%
1877	0.949043	1.053693	2.2426%

1876	0.928226	1.077323	2.2941%
1875	0.907410	1.102038	2.3456%
1874	0.886614	1.127887	2.4043%
1873	0.865797	1.155005	2.4635%
1872	0.844981	1.183459	2.5258%
1871	0.824164	1.213351	5.9947%
1870	0.777552	1.286087	-1.0968%
1869	0.786175	1.271981	2.1930%
1868	0.769304	1.299876	2.2394%
1867	0.752454	1.328985	2.2935%
1866	0.735583	1.359465	2.3445%
1865	0.718733	1.391338	2.4037%
1864	0.701862	1.424781	2.4599%
1863	0.685012	1.459829	2.5250%
1862	0.668141	1.496690	2.5872%
1861	0.651291	1.535413	2.9504%
1860	0.632626	1.580714	2.4012%
1859	0.617791	1.618671	2.7627%
1858	0.601182	1.663390	2.8412%
1857	0.584573	1.710650	2.9243%
1856	0.567964	1.760674	3.0161%
1855	0.551335	1.813779	3.1061%
1854	0.534726	1.870116	3.2056%
1853	0.518117	1.930065	3.3118%
1852	0.501508	1.993984	3.4252%
1851	0.484900	2.062283	4.0106%
1850	0.466202	2.144993	2.3254%
1849	0.455607	2.194872	2.7841%
1848	0.443267	2.255979	2.8590%
1847	0.430946	2.320478	2.9432%
1846	0.418625	2.388773	3.0324%
1845	0.406304	2.461210	3.1325%
1844	0.393963	2.538308	3.2284%
1843	0.381642	2.620253	3.3361%
1842	0.369322	2.707667	3.4512%
1841	0.357001	2.801113	3.8105%
1840	0.343897	2.907850	2.3861%
1839	0.335882	2.977232	2.5824%
1838	0.327427	3.054116	2.6573%
1837	0.318951	3.135274	2.7232%
1836	0.310496	3.220654	2.7994%
1835	0.302041	3.310814	2.8871%
1834	0.293565	3.406401	2.9657%
1833	0.285109	3.507424	3.0563%
1832	0.276654	3.614623	3.1604%
1831	0.268178	3.728860	3.4660%
1830	0.259195	3.858101	2.4653%
1829	0.252959	3.953215	2.6804%
1828	0.246355	4.059177	10.3427%
1827	0.223264	4.479003	-4.2314%
1826	0.233129	4.289477	2.9150%
1825	0.226525	4.414517	3.0026%
1824	0.219922	4.547066	3.0955%

1823	0.213319	4.687820	3.1944%
1822	0.206715	4.837568	3.3102%
1821	0.200092	4.997700	3.2277%
1820	0.193836	5.159013	2.6573%
1819	0.188818	5.296102	2.6261%
1818	0.183986	5.435184	2.6969%
1817	0.179155	5.581767	2.7717%
1816	0.174323	5.736476	2.8507%
1815	0.169491	5.900005	2.9343%
1814	0.164660	6.073132	3.0231%
1813	0.159828	6.256726	3.1039%
1812	0.155016	6.450928	3.2172%
1811	0.150185	6.658464	3.0969%
1810	0.145673	6.864671	2.9144%
1809	0.141548	7.064734	2.8225%
1808	0.137663	7.264133	2.9199%
1807	0.133757	7.476241	2.9918%
1806	0.129872	7.699914	3.0841%
1805	0.125986	7.937383	3.1822%
1804	0.122101	8.189966	3.2868%
1803	0.118215	8.459153	3.3985%
1802	0.114330	8.746636	3.5180%
1801	0.110444	9.054346	3.3999%
1800	0.106813	9.362189	2.8419%
1799	0.103861	9.628250	2.7485%
1798	0.101083	9.892879	2.8261%
1797	0.098305	10.172464	3.7832%
1796	0.094721	10.557310	2.1272%
1795	0.092748	10.781885	3.0879%
1794	0.089970	11.114823	3.1625%
1793	0.087212	11.466331	3.2904%
1792	0.084434	11.843620	3.4024%
1791	0.081655	12.246584	3.2296%
1790	0.079101	12.642095	41.3145%
1780	0.055975	17.865107	29.4353%
1770	0.043246	23.123758	83.4728%
1750	0.023571	42.425815	29.2845%
1740	0.018232	54.849982	94.2514%
1720	0.009386	106.546855	85.8111%
1700	0.005051	197.975863	19.2490%
1690	0.004236	236.084335	88.0250%
1670	0.002253	443.897623	

BASE YEAR: 1879

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.125637	0.163248	8.2857%
2001	5.656924	0.176775	1.0000%
2000	5.600914	0.178542	1.0000%
1999	5.545459	0.180328	1.0000%
1998	5.490554	0.182131	1.0000%
1997	5.436192	0.183952	1.0000%

1996	5.382368	0.185792	1.0000%
1995	5.329077	0.187650	0.9992%
1994	5.276355	0.189525	1.0008%
1993	5.224074	0.191422	1.0000%
1992	5.172350	0.193336	0.9295%
1991	5.124715	0.195133	1.2505%
1990	5.061422	0.197573	0.7224%
1989	5.025118	0.199000	1.1077%
1988	4.970066	0.201205	0.8834%
1987	4.926546	0.202982	0.5594%
1986	4.899142	0.204117	1.3056%
1985	4.836002	0.206782	0.7673%
1984	4.799179	0.208369	0.8149%
1983	4.760384	0.210067	0.9737%
1982	4.714477	0.212113	0.9508%
1981	4.670074	0.214129	0.9031%
1980	4.628278	0.216063	2.2701%
1979	4.525545	0.220968	1.0042%
1978	4.480552	0.223187	0.9896%
1977	4.436646	0.225395	0.9103%
1976	4.396623	0.227447	0.8394%
1975	4.360023	0.229357	0.9042%
1974	4.320954	0.231430	1.1568%
1973	4.271541	0.234108	0.9427%
1972	4.231649	0.236314	0.7426%
1971	4.200455	0.238069	1.4697%
1970	4.139614	0.241568	0.6968%
1969	4.110968	0.243252	0.8565%
1968	4.076055	0.245335	1.5090%
1967	4.015460	0.249037	0.9949%
1966	3.975903	0.251515	1.0575%
1965	3.934299	0.254175	1.1300%
1964	3.890338	0.257047	1.5537%
1963	3.830820	0.261041	1.4658%
1962	3.775479	0.264867	1.5364%
1961	3.718349	0.268937	2.1586%
1960	3.639779	0.274742	-1.6655%
1959	3.701426	0.270166	4.3080%
1958	3.548554	0.281805	2.1130%
1957	3.475126	0.287759	1.9895%
1956	3.407337	0.293484	2.1231%
1955	3.336500	0.299715	1.4496%
1954	3.288825	0.304060	2.1573%
1953	3.219375	0.310619	1.2298%
1952	3.180265	0.314439	1.6814%
1951	3.127677	0.319726	1.6233%
1950	3.077718	0.324916	1.4265%
1949	3.034430	0.329551	1.7790%
1948	2.981390	0.335414	1.8242%
1947	2.927979	0.341532	-2.6320%
1946	3.007128	0.332543	3.1768%
1945	2.914539	0.343107	6.4754%
1944	2.737288	0.365325	-0.3437%

1943	2.746728	0.364070	0.6562%
1942	2.728821	0.366459	0.6633%
1941	2.710840	0.368889	-5.6614%
1940	2.873522	0.348005	8.0381%
1939	2.659730	0.375978	0.8126%
1938	2.638291	0.379033	0.7762%
1937	2.617969	0.381976	0.6029%
1936	2.602280	0.384278	0.5244%
1935	2.588705	0.386294	-3.0364%
1934	2.669769	0.374564	4.6271%
1933	2.551699	0.391896	1.3921%
1932	2.516664	0.397351	-0.2051%
1931	2.521836	0.396537	0.8886%
1930	2.499624	0.400060	1.0126%
1929	2.474567	0.404111	1.1526%
1928	2.446371	0.408769	1.2160%
1927	2.416980	0.413739	1.4086%
1926	2.383408	0.419567	1.7667%
1925	2.342031	0.426980	1.4465%
1924	2.308637	0.433156	1.7700%
1923	2.268485	0.440823	1.6165%
1922	2.232398	0.447949	1.3736%
1921	2.202148	0.454102	2.3393%
1920	2.151811	0.464725	1.3140%
1919	2.123903	0.470831	0.7676%
1918	2.107723	0.474446	0.3870%
1917	2.099598	0.476282	1.3274%
1916	2.072092	0.482604	1.4083%
1915	2.043316	0.489401	1.4458%
1914	2.014195	0.496476	1.9424%
1913	1.975817	0.506120	1.9857%
1912	1.937348	0.516170	1.5634%
1911	1.907525	0.524239	1.8169%
1910	1.873486	0.533764	1.8781%
1909	1.838949	0.543789	2.0082%
1908	1.802745	0.554709	1.9603%
1907	1.768086	0.565583	1.8264%
1906	1.736374	0.575913	1.9357%
1905	1.703402	0.587061	2.0148%
1904	1.669759	0.598889	2.1335%
1903	1.634878	0.611666	1.8151%
1902	1.605732	0.622769	1.8943%
1901	1.575879	0.634566	3.0255%
1900	1.529601	0.653765	0.6278%
1899	1.520058	0.657870	1.7757%
1898	1.493538	0.669551	1.8078%
1897	1.467018	0.681655	1.8396%
1896	1.440518	0.694195	1.8755%
1895	1.413998	0.707215	1.9114%
1894	1.387478	0.720732	1.9486%
1893	1.360958	0.734777	1.9858%
1892	1.334458	0.749368	2.0276%
1891	1.307938	0.764562	2.6465%

1890	1.274215	0.784797	1.5328%
1889	1.254979	0.796826	2.0811%
1888	1.229394	0.813409	2.1599%
1887	1.203402	0.830978	2.2075%
1886	1.177410	0.849322	2.2592%
1885	1.151398	0.868509	2.3095%
1884	1.125406	0.888568	2.3641%
1883	1.099415	0.909575	2.4214%
1882	1.073423	0.931599	2.4815%
1881	1.047431	0.954717	3.7644%
1880	1.009432	0.990656	0.9432%
1879	1.000000	1.000000	2.1464%
1878	0.978987	1.021464	2.1913%
1877	0.957995	1.043847	2.2426%
1876	0.936982	1.067257	2.2941%
1875	0.915969	1.091740	2.3456%
1874	0.894976	1.117348	2.4043%
1873	0.873964	1.144212	2.4635%
1872	0.852951	1.172401	2.5258%
1871	0.831938	1.202013	5.9947%
1870	0.784887	1.274070	-1.0968%
1869	0.793590	1.260096	2.1930%
1868	0.776561	1.287729	2.2394%
1867	0.759551	1.316567	2.2935%
1866	0.742522	1.346762	2.3445%
1865	0.725512	1.378337	2.4037%
1864	0.708482	1.411468	2.4599%
1863	0.691473	1.446188	2.5250%
1862	0.674443	1.482705	2.5872%
1861	0.657434	1.521066	2.9504%
1860	0.638593	1.565943	2.4012%
1859	0.623618	1.603545	2.7627%
1858	0.606853	1.647847	2.8412%
1857	0.590087	1.694665	2.9243%
1856	0.573321	1.744222	3.0161%
1855	0.556536	1.796830	3.1061%
1854	0.539770	1.852641	3.2056%
1853	0.523004	1.912030	3.3118%
1852	0.506239	1.975352	3.4252%
1851	0.489473	2.043013	4.0106%
1850	0.470599	2.124950	2.3254%
1849	0.459905	2.174363	2.7841%
1848	0.447448	2.234899	2.8590%
1847	0.435011	2.298795	2.9432%
1846	0.422574	2.366452	3.0324%
1845	0.410137	2.438212	3.1325%
1844	0.397679	2.514589	3.2284%
1843	0.385242	2.595769	3.3361%
1842	0.372805	2.682366	3.4512%
1841	0.360368	2.774939	3.8105%
1840	0.347140	2.880678	2.3861%
1839	0.339051	2.949413	2.5824%
1838	0.330515	3.025578	2.6573%

1837	0.321960	3.105977	2.7232%
1836	0.313425	3.190560	2.7994%
1835	0.304889	3.279877	2.8871%
1834	0.296334	3.374571	2.9657%
1833	0.287799	3.474650	3.0563%
1832	0.279264	3.580847	3.1604%
1831	0.270708	3.694017	3.4660%
1830	0.261640	3.822050	2.4653%
1829	0.255345	3.916275	2.6804%
1828	0.248679	4.021247	10.3427%
1827	0.225370	4.437151	-4.2314%
1826	0.235328	4.249396	2.9150%
1825	0.228662	4.373267	3.0026%
1824	0.221996	4.504577	3.0955%
1823	0.215331	4.644017	3.1944%
1822	0.208665	4.792365	3.3102%
1821	0.201979	4.951001	3.2277%
1820	0.195664	5.110806	2.6573%
1819	0.190599	5.246615	2.6261%
1818	0.185722	5.384397	2.6969%
1817	0.180845	5.529610	2.7717%
1816	0.175967	5.682873	2.8507%
1815	0.171090	5.844875	2.9343%
1814	0.166213	6.016383	3.0231%
1813	0.161336	6.198262	3.1039%
1812	0.156479	6.390649	3.2172%
1811	0.151601	6.596247	3.0969%
1810	0.147047	6.800527	2.9144%
1809	0.142883	6.998720	2.8225%
1808	0.138961	7.196256	2.9199%
1807	0.135019	7.406382	2.9918%
1806	0.131097	7.627965	3.0841%
1805	0.127174	7.863215	3.1822%
1804	0.123252	8.113438	3.2868%
1803	0.119330	8.380109	3.3985%
1802	0.115408	8.664906	3.5180%
1801	0.111486	8.969741	3.3999%
1800	0.107820	9.274708	2.8419%
1799	0.104841	9.538283	2.7485%
1798	0.102036	9.800438	2.8261%
1797	0.099232	10.077411	3.7832%
1796	0.095615	10.458661	2.1272%
1795	0.093623	10.681137	3.0879%
1794	0.090819	11.010964	3.1625%
1793	0.088034	11.359187	3.2904%
1792	0.085230	11.732952	3.4024%
1791	0.082426	12.132150	3.2296%
1790	0.079847	12.523965	41.3145%
1780	0.056503	17.698173	29.4353%
1770	0.043653	22.907686	83.4728%
1750	0.023793	42.029382	29.2845%
1740	0.018404	54.337456	94.2514%
1720	0.009474	105.551266	85.8111%

1700	0.005099	196.125947	19.2490%
1690	0.004276	233.878327	88.0250%
1670	0.002274	439.749777	

BASE YEAR: 1878

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.257117	0.159818	8.2857%
2001	5.778343	0.173060	1.0000%
2000	5.721131	0.174791	1.0000%
1999	5.664486	0.176539	1.0000%
1998	5.608402	0.178304	1.0000%
1997	5.552874	0.180087	1.0000%
1996	5.497895	0.181888	1.0000%
1995	5.443460	0.183707	0.9992%
1994	5.389606	0.185542	1.0008%
1993	5.336202	0.187399	1.0000%
1992	5.283369	0.189273	0.9295%
1991	5.234712	0.191032	1.2505%
1990	5.170059	0.193421	0.7224%
1989	5.132976	0.194819	1.1077%
1988	5.076743	0.196977	0.8834%
1987	5.032289	0.198717	0.5594%
1986	5.004297	0.199828	1.3056%
1985	4.939802	0.202437	0.7673%
1984	4.902188	0.203991	0.8149%
1983	4.862561	0.205653	0.9737%
1982	4.815668	0.207656	0.9508%
1981	4.770312	0.209630	0.9031%
1980	4.727618	0.211523	2.2701%
1979	4.622680	0.216325	1.0042%
1978	4.576722	0.218497	0.9896%
1977	4.531874	0.220659	0.9103%
1976	4.490991	0.222668	0.8394%
1975	4.453606	0.224537	0.9042%
1974	4.413698	0.226567	1.1568%
1973	4.363225	0.229188	0.9427%
1972	4.322477	0.231349	0.7426%
1971	4.290613	0.233067	1.4697%
1970	4.228466	0.236492	0.6968%
1969	4.199205	0.238140	0.8565%
1968	4.163543	0.240180	1.5090%
1967	4.101647	0.243804	0.9949%
1966	4.061242	0.246230	1.0575%
1965	4.018745	0.248834	1.1300%
1964	3.973840	0.251646	1.5537%
1963	3.913044	0.255555	1.4658%
1962	3.856515	0.259301	1.5364%
1961	3.798159	0.263285	2.1586%
1960	3.717903	0.268969	-1.6655%
1959	3.780872	0.264489	4.3080%
1958	3.624720	0.275883	2.1130%

1957	3.549716	0.281713	1.9895%
1956	3.480472	0.287317	2.1231%
1955	3.408114	0.293417	1.4496%
1954	3.359416	0.297671	2.1573%
1953	3.288475	0.304092	1.2298%
1952	3.248526	0.307832	1.6814%
1951	3.194809	0.313008	1.6233%
1950	3.143777	0.318089	1.4265%
1949	3.099561	0.322626	1.7790%
1948	3.045382	0.328366	1.8242%
1947	2.990825	0.334356	-2.6320%
1946	3.071672	0.325556	3.1768%
1945	2.977096	0.335898	6.4754%
1944	2.796041	0.357649	-0.3437%
1943	2.805683	0.356419	0.6562%
1942	2.787392	0.358758	0.6633%
1941	2.769025	0.361138	-5.6614%
1940	2.935199	0.340692	8.0381%
1939	2.716818	0.368078	0.8126%
1938	2.694918	0.371069	0.7762%
1937	2.674160	0.373949	0.6029%
1936	2.658135	0.376204	0.5244%
1935	2.644269	0.378176	-3.0364%
1934	2.727073	0.366694	4.6271%
1933	2.606468	0.383661	1.3921%
1932	2.570681	0.389002	-0.2051%
1931	2.575964	0.388204	0.8886%
1930	2.553276	0.391654	1.0126%
1929	2.527681	0.395620	1.1526%
1928	2.498879	0.400179	1.2160%
1927	2.468858	0.405046	1.4086%
1926	2.434565	0.410751	1.7667%
1925	2.392300	0.418008	1.4465%
1924	2.358189	0.424054	1.7700%
1923	2.317176	0.431560	1.6165%
1922	2.280314	0.438536	1.3736%
1921	2.249415	0.444560	2.3393%
1920	2.197997	0.454960	1.3140%
1919	2.169490	0.460938	0.7676%
1918	2.152963	0.464476	0.3870%
1917	2.144663	0.466274	1.3274%
1916	2.116567	0.472463	1.4083%
1915	2.087174	0.479117	1.4458%
1914	2.057427	0.486044	1.9424%
1913	2.018226	0.495485	1.9857%
1912	1.978931	0.505323	1.5634%
1911	1.948468	0.513224	1.8169%
1910	1.913698	0.522549	1.8781%
1909	1.878420	0.532362	2.0082%
1908	1.841439	0.543053	1.9603%
1907	1.806036	0.553699	1.8264%
1906	1.773643	0.563811	1.9357%
1905	1.739963	0.574725	2.0148%

1904	1.705598	0.586304	2.1335%
1903	1.669969	0.598813	1.8151%
1902	1.640197	0.609683	1.8943%
1901	1.609704	0.621232	3.0255%
1900	1.562432	0.640028	0.6278%
1899	1.552684	0.644046	1.7757%
1898	1.525595	0.655482	1.8078%
1897	1.498505	0.667332	1.8396%
1896	1.471437	0.679608	1.8755%
1895	1.444348	0.692354	1.9114%
1894	1.417258	0.705588	1.9486%
1893	1.390169	0.719337	1.9858%
1892	1.363100	0.733622	2.0276%
1891	1.336011	0.748497	2.6465%
1890	1.301565	0.768306	1.5328%
1889	1.281916	0.780083	2.0811%
1888	1.255781	0.796317	2.1599%
1887	1.229232	0.813516	2.2075%
1886	1.202682	0.831475	2.2592%
1885	1.176112	0.850259	2.3095%
1884	1.149562	0.869897	2.3641%
1883	1.123012	0.890462	2.4214%
1882	1.096463	0.912024	2.4815%
1881	1.069913	0.934655	3.7644%
1880	1.031099	0.969839	0.9432%
1879	1.021464	0.978987	2.1464%
1878	1.000000	1.000000	2.1913%
1877	0.978557	1.021913	2.2426%
1876	0.957093	1.044831	2.2941%
1875	0.935629	1.068800	2.3456%
1874	0.914186	1.093869	2.4043%
1873	0.892722	1.120169	2.4635%
1872	0.871258	1.147765	2.5258%
1871	0.849794	1.176755	5.9947%
1870	0.801733	1.247298	-1.0968%
1869	0.810624	1.233618	2.1930%
1868	0.793229	1.260670	2.2394%
1867	0.775854	1.288902	2.2935%
1866	0.758459	1.318463	2.3445%
1865	0.741084	1.349374	2.4037%
1864	0.723689	1.381809	2.4599%
1863	0.706315	1.415800	2.5250%
1862	0.688919	1.451549	2.5872%
1861	0.671545	1.489104	2.9504%
1860	0.652299	1.533039	2.4012%
1859	0.637003	1.569850	2.7627%
1858	0.619878	1.613221	2.8412%
1857	0.602753	1.659056	2.9243%
1856	0.585627	1.707571	3.0161%
1855	0.568481	1.759074	3.1061%
1854	0.551356	1.813712	3.2056%
1853	0.534230	1.871853	3.3118%
1852	0.517105	1.933844	3.4252%

1851	0.499979	2.000083	4.0106%
1850	0.480700	2.080298	2.3254%
1849	0.469776	2.128673	2.7841%
1848	0.457052	2.187937	2.8590%
1847	0.444348	2.250491	2.9432%
1846	0.431644	2.316726	3.0324%
1845	0.418940	2.386978	3.1325%
1844	0.406215	2.461751	3.2284%
1843	0.393511	2.541225	3.3361%
1842	0.380807	2.626002	3.4512%
1841	0.368103	2.716630	3.8105%
1840	0.354591	2.820147	2.3861%
1839	0.346328	2.887437	2.5824%
1838	0.337609	2.962002	2.6573%
1837	0.328870	3.040712	2.7232%
1836	0.320152	3.123517	2.7994%
1835	0.311434	3.210958	2.8871%
1834	0.302694	3.303662	2.9657%
1833	0.293976	3.401638	3.0563%
1832	0.285258	3.505603	3.1604%
1831	0.276518	3.616395	3.4660%
1830	0.267255	3.741738	2.4653%
1829	0.260825	3.833983	2.6804%
1828	0.254017	3.936749	10.3427%
1827	0.230207	4.343913	-4.2314%
1826	0.240379	4.160104	2.9150%
1825	0.233570	4.281372	3.0026%
1824	0.226761	4.409923	3.0955%
1823	0.219953	4.546433	3.1944%
1822	0.213144	4.691663	3.3102%
1821	0.206315	4.846966	3.2277%
1820	0.199864	5.003414	2.6573%
1819	0.194690	5.136368	2.6261%
1818	0.189708	5.271255	2.6969%
1817	0.184726	5.413417	2.7717%
1816	0.179744	5.563460	2.8507%
1815	0.174762	5.722057	2.9343%
1814	0.169780	5.889962	3.0231%
1813	0.164798	6.068019	3.1039%
1812	0.159837	6.256364	3.2172%
1811	0.154855	6.457641	3.0969%
1810	0.150204	6.657628	2.9144%
1809	0.145950	6.851657	2.8225%
1808	0.141944	7.045042	2.9199%
1807	0.137917	7.250753	2.9918%
1806	0.133910	7.467679	3.0841%
1805	0.129904	7.697987	3.1822%
1804	0.125898	7.942951	3.2868%
1803	0.121891	8.204019	3.3985%
1802	0.117885	8.482831	3.5180%
1801	0.113879	8.781261	3.3999%
1800	0.110134	9.079820	2.8419%
1799	0.107091	9.337856	2.7485%

1798	0.104226	9.594503	2.8261%
1797	0.101362	9.865656	3.7832%
1796	0.097667	10.238895	2.1272%
1795	0.095632	10.456696	3.0879%
1794	0.092768	10.779593	3.1625%
1793	0.089924	11.120499	3.2904%
1792	0.087059	11.486409	3.4024%
1791	0.084195	11.877219	3.2296%
1790	0.081561	12.260801	41.3145%
1780	0.057716	17.326284	29.4353%
1770	0.044590	22.426330	83.4728%
1750	0.024304	41.146225	29.2845%
1740	0.018799	53.195671	94.2514%
1720	0.009677	103.333333	85.8111%
1700	0.005208	192.004783	19.2490%
1690	0.004368	228.963878	88.0250%
1670	0.002323	430.509383	

BASE YEAR: 1877

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.394229	0.156391	8.2857%
2001	5.904964	0.169349	1.0000%
2000	5.846498	0.171043	1.0000%
1999	5.788612	0.172753	1.0000%
1998	5.731299	0.174481	1.0000%
1997	5.674554	0.176225	1.0000%
1996	5.618370	0.177988	1.0000%
1995	5.562742	0.179767	0.9992%
1994	5.507708	0.181564	1.0008%
1993	5.453134	0.183381	1.0000%
1992	5.399143	0.185215	0.9295%
1991	5.349420	0.186936	1.2505%
1990	5.283351	0.189274	0.7224%
1989	5.245455	0.190641	1.1077%
1988	5.187989	0.192753	0.8834%
1987	5.142562	0.194456	0.5594%
1986	5.113956	0.195543	1.3056%
1985	5.048047	0.198096	0.7673%
1984	5.009609	0.199616	0.8149%
1983	4.969114	0.201243	0.9737%
1982	4.921194	0.203203	0.9508%
1981	4.874844	0.205135	0.9031%
1980	4.831215	0.206987	2.2701%
1979	4.723977	0.211686	1.0042%
1978	4.677012	0.213812	0.9896%
1977	4.631181	0.215928	0.9103%
1976	4.589402	0.217893	0.8394%
1975	4.551197	0.219722	0.9042%
1974	4.510416	0.221709	1.1568%
1973	4.458836	0.224274	0.9427%
1972	4.417195	0.226388	0.7426%

1971	4.384633	0.228069	1.4697%
1970	4.321124	0.231421	0.6968%
1969	4.291222	0.233034	0.8565%
1968	4.254778	0.235030	1.5090%
1967	4.191526	0.238577	0.9949%
1966	4.150235	0.240950	1.0575%
1965	4.106807	0.243498	1.1300%
1964	4.060918	0.246250	1.5537%
1963	3.998791	0.250076	1.4658%
1962	3.941023	0.253741	1.5364%
1961	3.881388	0.257640	2.1586%
1960	3.799373	0.263201	-1.6655%
1959	3.863723	0.258818	4.3080%
1958	3.704148	0.269968	2.1130%
1957	3.627500	0.275672	1.9895%
1956	3.556739	0.281156	2.1231%
1955	3.482796	0.287126	1.4496%
1954	3.433031	0.291288	2.1573%
1953	3.360535	0.297572	1.2298%
1952	3.319711	0.301231	1.6814%
1951	3.264817	0.306296	1.6233%
1950	3.212667	0.311268	1.4265%
1949	3.167482	0.315708	1.7790%
1948	3.112116	0.321325	1.8242%
1947	3.056363	0.327186	-2.6320%
1946	3.138982	0.318575	3.1768%
1945	3.042333	0.328695	6.4754%
1944	2.857310	0.349979	-0.3437%
1943	2.867164	0.348777	0.6562%
1942	2.848472	0.351065	0.6633%
1941	2.829702	0.353394	-5.6614%
1940	2.999518	0.333387	8.0381%
1939	2.776352	0.360185	0.8126%
1938	2.753972	0.363112	0.7762%
1937	2.732759	0.365931	0.6029%
1936	2.716383	0.368137	0.5244%
1935	2.702213	0.370067	-3.0364%
1934	2.786831	0.358831	4.6271%
1933	2.663584	0.375434	1.3921%
1932	2.627013	0.380661	-0.2051%
1931	2.632411	0.379880	0.8886%
1930	2.609226	0.383255	1.0126%
1929	2.583070	0.387136	1.1526%
1928	2.553637	0.391598	1.2160%
1927	2.522958	0.396360	1.4086%
1926	2.487913	0.401943	1.7667%
1925	2.444723	0.409044	1.4465%
1924	2.409864	0.414961	1.7700%
1923	2.367952	0.422306	1.6165%
1922	2.330283	0.429133	1.3736%
1921	2.298706	0.435027	2.3393%
1920	2.246162	0.445204	1.3140%
1919	2.217030	0.451054	0.7676%

1918	2.200141	0.454516	0.3870%
1917	2.191659	0.456275	1.3274%
1916	2.162947	0.462332	1.4083%
1915	2.132910	0.468843	1.4458%
1914	2.102512	0.475622	1.9424%
1913	2.062451	0.484860	1.9857%
1912	2.022295	0.494488	1.5634%
1911	1.991165	0.502219	1.8169%
1910	1.955633	0.511343	1.8781%
1909	1.919582	0.520947	2.0082%
1908	1.881791	0.531409	1.9603%
1907	1.845612	0.541826	1.8264%
1906	1.812509	0.551721	1.9357%
1905	1.778091	0.562401	2.0148%
1904	1.742973	0.573732	2.1335%
1903	1.706563	0.585973	1.8151%
1902	1.676139	0.596609	1.8943%
1901	1.644977	0.607911	3.0255%
1900	1.596670	0.626304	0.6278%
1899	1.586708	0.630236	1.7757%
1898	1.559025	0.641427	1.8078%
1897	1.531342	0.653022	1.8396%
1896	1.503680	0.665035	1.8755%
1895	1.475998	0.677508	1.9114%
1894	1.448315	0.690458	1.9486%
1893	1.420632	0.703912	1.9858%
1892	1.392970	0.717891	2.0276%
1891	1.365287	0.732447	2.6465%
1890	1.330086	0.751831	1.5328%
1889	1.310006	0.763355	2.0811%
1888	1.283299	0.779242	2.1599%
1887	1.256168	0.796072	2.2075%
1886	1.229036	0.813646	2.2592%
1885	1.201884	0.832027	2.3095%
1884	1.174752	0.851243	2.3641%
1883	1.147621	0.871368	2.4214%
1882	1.120490	0.892467	2.4815%
1881	1.093358	0.914613	3.7644%
1880	1.053693	0.949043	0.9432%
1879	1.043847	0.957995	2.1464%
1878	1.021913	0.978557	2.1913%
1877	1.000000	1.000000	2.2426%
1876	0.978066	1.022426	2.2941%
1875	0.956132	1.045881	2.3456%
1874	0.934219	1.070413	2.4043%
1873	0.912284	1.096149	2.4635%
1872	0.890350	1.123154	2.5258%
1871	0.868416	1.151522	5.9947%
1870	0.819302	1.220552	-1.0968%
1869	0.828387	1.207165	2.1930%
1868	0.810611	1.233638	2.2394%
1867	0.792855	1.261264	2.2935%
1866	0.775079	1.290191	2.3445%

1865	0.757324	1.320439	2.4037%
1864	0.739547	1.352179	2.4599%
1863	0.721792	1.385441	2.5250%
1862	0.704016	1.420423	2.5872%
1861	0.686260	1.457173	2.9504%
1860	0.666593	1.500165	2.4012%
1859	0.650962	1.536188	2.7627%
1858	0.633461	1.578628	2.8412%
1857	0.615961	1.623480	2.9243%
1856	0.598460	1.670956	3.0161%
1855	0.580938	1.721354	3.1061%
1854	0.563437	1.774820	3.2056%
1853	0.545937	1.831714	3.3118%
1852	0.528436	1.892377	3.4252%
1851	0.510935	1.957195	4.0106%
1850	0.491234	2.035690	2.3254%
1849	0.480070	2.083028	2.7841%
1848	0.467067	2.141021	2.8590%
1847	0.454085	2.202233	2.9432%
1846	0.441102	2.267048	3.0324%
1845	0.428120	2.335794	3.1325%
1844	0.415116	2.408963	3.2284%
1843	0.402134	2.486733	3.3361%
1842	0.389152	2.569692	3.4512%
1841	0.376169	2.658377	3.8105%
1840	0.362362	2.759674	2.3861%
1839	0.353917	2.825521	2.5824%
1838	0.345008	2.898487	2.6573%
1837	0.336077	2.975510	2.7232%
1836	0.327167	3.056539	2.7994%
1835	0.318258	3.142105	2.8871%
1834	0.309327	3.232821	2.9657%
1833	0.300418	3.328697	3.0563%
1832	0.291508	3.430432	3.1604%
1831	0.282578	3.538848	3.4660%
1830	0.273112	3.661504	2.4653%
1829	0.266541	3.751771	2.6804%
1828	0.259583	3.852333	10.3427%
1827	0.235252	4.250766	-4.2314%
1826	0.245646	4.070898	2.9150%
1825	0.238688	4.189566	3.0026%
1824	0.231730	4.315361	3.0955%
1823	0.224772	4.448943	3.1944%
1822	0.217815	4.591060	3.3102%
1821	0.210836	4.743032	3.2277%
1820	0.204243	4.896125	2.6573%
1819	0.198956	5.026229	2.6261%
1818	0.193865	5.158223	2.6969%
1817	0.188774	5.297337	2.7717%
1816	0.183683	5.444162	2.8507%
1815	0.178592	5.599359	2.9343%
1814	0.173501	5.763663	3.0231%
1813	0.168410	5.937901	3.1039%

1812	0.163340	6.122208	3.2172%
1811	0.158249	6.319169	3.0969%
1810	0.153495	6.514868	2.9144%
1809	0.149148	6.704736	2.8225%
1808	0.145054	6.893975	2.9199%
1807	0.140939	7.095274	2.9918%
1806	0.136845	7.307549	3.0841%
1805	0.132751	7.532918	3.1822%
1804	0.128657	7.772630	3.2868%
1803	0.124562	8.028099	3.3985%
1802	0.120468	8.300933	3.5180%
1801	0.116374	8.592964	3.3999%
1800	0.112548	8.885120	2.8419%
1799	0.109438	9.137624	2.7485%
1798	0.106510	9.388767	2.8261%
1797	0.103583	9.654106	3.7832%
1796	0.099807	10.019341	2.1272%
1795	0.097728	10.232472	3.0879%
1794	0.094801	10.548445	3.1625%
1793	0.091895	10.882041	3.2904%
1792	0.088967	11.240105	3.4024%
1791	0.086040	11.622535	3.2296%
1790	0.083348	11.997892	41.3145%
1780	0.058981	16.954755	29.4353%
1770	0.045568	21.945440	83.4728%
1750	0.024836	40.263922	29.2845%
1740	0.019210	52.054991	94.2514%
1720	0.009889	101.117546	85.8111%
1700	0.005322	187.887605	19.2490%
1690	0.004463	224.054183	88.0250%
1670	0.002374	421.277927	

BASE YEAR: 1876

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.537627	0.152961	8.2857%
2001	6.037389	0.165635	1.0000%
2000	5.977612	0.167291	1.0000%
1999	5.918428	0.168964	1.0000%
1998	5.859830	0.170653	1.0000%
1997	5.801812	0.172360	1.0000%
1996	5.744368	0.174084	1.0000%
1995	5.687493	0.175824	0.9992%
1994	5.631225	0.177581	1.0008%
1993	5.575427	0.179358	1.0000%
1992	5.520225	0.181152	0.9295%
1991	5.469386	0.182836	1.2505%
1990	5.401836	0.185122	0.7224%
1989	5.363090	0.186460	1.1077%
1988	5.304336	0.188525	0.8834%
1987	5.257889	0.190190	0.5594%
1986	5.228642	0.191254	1.3056%

1985	5.161255	0.193751	0.7673%
1984	5.121955	0.195238	0.8149%
1983	5.080552	0.196829	0.9737%
1982	5.031557	0.198746	0.9508%
1981	4.984167	0.200635	0.9031%
1980	4.939560	0.202447	2.2701%
1979	4.829917	0.207043	1.0042%
1978	4.781899	0.209122	0.9896%
1977	4.735040	0.211191	0.9103%
1976	4.692324	0.213114	0.8394%
1975	4.653263	0.214903	0.9042%
1974	4.611567	0.216846	1.1568%
1973	4.558831	0.219355	0.9427%
1972	4.516256	0.221422	0.7426%
1971	4.482964	0.223067	1.4697%
1970	4.418030	0.226345	0.6968%
1969	4.387457	0.227922	0.8565%
1968	4.350196	0.229875	1.5090%
1967	4.285526	0.233344	0.9949%
1966	4.243309	0.235665	1.0575%
1965	4.198907	0.238157	1.1300%
1964	4.151989	0.240848	1.5537%
1963	4.088468	0.244590	1.4658%
1962	4.029404	0.248176	1.5364%
1961	3.968432	0.251989	2.1586%
1960	3.884578	0.257428	-1.6655%
1959	3.950371	0.253141	4.3080%
1958	3.787218	0.264046	2.1130%
1957	3.708851	0.269625	1.9895%
1956	3.636503	0.274989	2.1231%
1955	3.560902	0.280828	1.4496%
1954	3.510020	0.284899	2.1573%
1953	3.435899	0.291045	1.2298%
1952	3.394159	0.294624	1.6814%
1951	3.338034	0.299578	1.6233%
1950	3.284714	0.304440	1.4265%
1949	3.238516	0.308783	1.7790%
1948	3.181908	0.314277	1.8242%
1947	3.124905	0.320010	-2.6320%
1946	3.209377	0.311587	3.1768%
1945	3.110561	0.321485	6.4754%
1944	2.921389	0.342303	-0.3437%
1943	2.931463	0.341127	0.6562%
1942	2.912352	0.343365	0.6633%
1941	2.893162	0.345643	-5.6614%
1940	3.066785	0.326074	8.0381%
1939	2.838615	0.352285	0.8126%
1938	2.815733	0.355147	0.7762%
1937	2.794044	0.357904	0.6029%
1936	2.777301	0.360062	0.5244%
1935	2.762813	0.361950	-3.0364%
1934	2.849329	0.350960	4.6271%
1933	2.723318	0.367199	1.3921%

1932	2.685926	0.372311	-0.2051%
1931	2.691446	0.371547	0.8886%
1930	2.667740	0.374849	1.0126%
1929	2.640998	0.378645	1.1526%
1928	2.610905	0.383009	1.2160%
1927	2.579538	0.387666	1.4086%
1926	2.543708	0.393127	1.7667%
1925	2.499548	0.400072	1.4465%
1924	2.463908	0.405859	1.7700%
1923	2.421056	0.413043	1.6165%
1922	2.382542	0.419720	1.3736%
1921	2.350257	0.425485	2.3393%
1920	2.296534	0.435439	1.3140%
1919	2.266749	0.441160	0.7676%
1918	2.249481	0.444547	0.3870%
1917	2.240809	0.446267	1.3274%
1916	2.211454	0.452191	1.4083%
1915	2.180743	0.458559	1.4458%
1914	2.149663	0.465189	1.9424%
1913	2.108704	0.474225	1.9857%
1912	2.067647	0.483642	1.5634%
1911	2.035819	0.491203	1.8169%
1910	1.999490	0.500128	1.8781%
1909	1.962630	0.509520	2.0082%
1908	1.923992	0.519753	1.9603%
1907	1.887002	0.529941	1.8264%
1906	1.853157	0.539620	1.9357%
1905	1.817967	0.550065	2.0148%
1904	1.782061	0.561148	2.1335%
1903	1.744835	0.573120	1.8151%
1902	1.713728	0.583523	1.8943%
1901	1.681868	0.594577	3.0255%
1900	1.632477	0.612566	0.6278%
1899	1.622292	0.616412	1.7757%
1898	1.593988	0.627357	1.8078%
1897	1.565684	0.638698	1.8396%
1896	1.537402	0.650448	1.8755%
1895	1.509098	0.662647	1.9114%
1894	1.480795	0.675313	1.9486%
1893	1.452491	0.688472	1.9858%
1892	1.424209	0.702144	2.0276%
1891	1.395905	0.716381	2.6465%
1890	1.359915	0.735340	1.5328%
1889	1.339384	0.746612	2.0811%
1888	1.312078	0.762150	2.1599%
1887	1.284339	0.778611	2.2075%
1886	1.256599	0.795799	2.2592%
1885	1.228837	0.813777	2.3095%
1884	1.201097	0.832572	2.3641%
1883	1.173358	0.852255	2.4214%
1882	1.145618	0.872891	2.4815%
1881	1.117878	0.894552	3.7644%
1880	1.077323	0.928226	0.9432%

1879	1.067257	0.936982	2.1464%
1878	1.044831	0.957093	2.1913%
1877	1.022426	0.978066	2.2426%
1876	1.000000	1.000000	2.2941%
1875	0.977574	1.022941	2.3456%
1874	0.955169	1.046935	2.4043%
1873	0.932743	1.072106	2.4635%
1872	0.910317	1.098518	2.5258%
1871	0.887891	1.126264	5.9947%
1870	0.837675	1.193780	-1.0968%
1869	0.846965	1.180687	2.1930%
1868	0.828790	1.206579	2.2394%
1867	0.810636	1.233599	2.2935%
1866	0.792461	1.261892	2.3445%
1865	0.774308	1.291476	2.4037%
1864	0.756132	1.322520	2.4599%
1863	0.737979	1.355052	2.5250%
1862	0.719804	1.389267	2.5872%
1861	0.701651	1.425211	2.9504%
1860	0.681542	1.467260	2.4012%
1859	0.665561	1.502493	2.7627%
1858	0.647667	1.544002	2.8412%
1857	0.629774	1.587871	2.9243%
1856	0.611881	1.634305	3.0161%
1855	0.593966	1.683597	3.1061%
1854	0.576073	1.735891	3.2056%
1853	0.558180	1.791537	3.3118%
1852	0.540287	1.850869	3.4252%
1851	0.522394	1.914266	4.0106%
1850	0.502250	1.991039	2.3254%
1849	0.490837	2.037338	2.7841%
1848	0.477541	2.094059	2.8590%
1847	0.464268	2.153929	2.9432%
1846	0.450994	2.217322	3.0324%
1845	0.437721	2.284560	3.1325%
1844	0.424426	2.356124	3.2284%
1843	0.411152	2.432189	3.3361%
1842	0.397879	2.513328	3.4512%
1841	0.384605	2.600068	3.8105%
1840	0.370488	2.699143	2.3861%
1839	0.361854	2.763546	2.5824%
1838	0.352745	2.834911	2.6573%
1837	0.343614	2.910244	2.7232%
1836	0.334505	2.989496	2.7994%
1835	0.325395	3.073185	2.8871%
1834	0.316264	3.161912	2.9657%
1833	0.307155	3.255684	3.0563%
1832	0.298046	3.355188	3.1604%
1831	0.288915	3.461227	3.4660%
1830	0.279237	3.581192	2.4653%
1829	0.272518	3.669479	2.6804%
1828	0.265404	3.767835	10.3427%
1827	0.240527	4.157529	-4.2314%

1826	0.251155	3.981606	2.9150%
1825	0.244041	4.097672	3.0026%
1824	0.236927	4.220707	3.0955%
1823	0.229813	4.351359	3.1944%
1822	0.222699	4.490358	3.3102%
1821	0.215564	4.638998	3.2277%
1820	0.208824	4.788733	2.6573%
1819	0.203418	4.915983	2.6261%
1818	0.198213	5.045082	2.6969%
1817	0.193008	5.181144	2.7717%
1816	0.187802	5.324749	2.8507%
1815	0.182597	5.476541	2.9343%
1814	0.177392	5.637242	3.0231%
1813	0.172186	5.807658	3.1039%
1812	0.167003	5.987922	3.2172%
1811	0.161798	6.180563	3.0969%
1810	0.156937	6.371970	2.9144%
1809	0.152493	6.557673	2.8225%
1808	0.148307	6.742761	2.9199%
1807	0.144100	6.939645	2.9918%
1806	0.139914	7.147264	3.0841%
1805	0.135728	7.367689	3.1822%
1804	0.131542	7.602143	3.2868%
1803	0.127356	7.852010	3.3985%
1802	0.123170	8.118859	3.5180%
1801	0.118984	8.404484	3.3999%
1800	0.115072	8.690232	2.8419%
1799	0.111892	8.937197	2.7485%
1798	0.108899	9.182832	2.8261%
1797	0.105906	9.442351	3.7832%
1796	0.102045	9.799575	2.1272%
1795	0.099920	10.008031	3.0879%
1794	0.096927	10.317073	3.1625%
1793	0.093955	10.643352	3.2904%
1792	0.090962	10.993562	3.4024%
1791	0.087969	11.367604	3.2296%
1790	0.085217	11.734728	41.3145%
1780	0.060303	16.582866	29.4353%
1770	0.046589	21.464085	83.4728%
1750	0.025393	39.380765	29.2845%
1740	0.019641	50.913207	94.2514%
1720	0.010111	98.899614	85.8111%
1700	0.005442	183.766441	19.2490%
1690	0.004563	219.139734	88.0250%
1670	0.002427	412.037534	

BASE YEAR: 1875

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	6.687603	0.149530	8.2857%
2001	6.175890	0.161920	1.0000%
2000	6.114742	0.163539	1.0000%

1999	6.054200	0.165175	1.0000%
1998	5.994258	0.166826	1.0000%
1997	5.934908	0.168495	1.0000%
1996	5.876147	0.170180	1.0000%
1995	5.817967	0.171881	0.9992%
1994	5.760408	0.173599	1.0008%
1993	5.703330	0.175336	1.0000%
1992	5.646862	0.177090	0.9295%
1991	5.594857	0.178736	1.2505%
1990	5.525757	0.180971	0.7224%
1989	5.486123	0.182278	1.1077%
1988	5.426020	0.184297	0.8834%
1987	5.378508	0.185925	0.5594%
1986	5.348590	0.186965	1.3056%
1985	5.279657	0.189406	0.7673%
1984	5.239456	0.190860	0.8149%
1983	5.197102	0.192415	0.9737%
1982	5.146984	0.194289	0.9508%
1981	5.098507	0.196136	0.9031%
1980	5.052876	0.197907	2.2701%
1979	4.940718	0.202400	1.0042%
1978	4.891598	0.204432	0.9896%
1977	4.843665	0.206455	0.9103%
1976	4.799969	0.208335	0.8394%
1975	4.760012	0.210084	0.9042%
1974	4.717359	0.211983	1.1568%
1973	4.663413	0.214435	0.9427%
1972	4.619861	0.216457	0.7426%
1971	4.585805	0.218064	1.4697%
1970	4.519382	0.221269	0.6968%
1969	4.488108	0.222811	0.8565%
1968	4.449992	0.224719	1.5090%
1967	4.383838	0.228111	0.9949%
1966	4.340653	0.230380	1.0575%
1965	4.295232	0.232816	1.1300%
1964	4.247238	0.235447	1.5537%
1963	4.182260	0.239105	1.4658%
1962	4.121841	0.242610	1.5364%
1961	4.059470	0.246338	2.1586%
1960	3.973692	0.251655	-1.6655%
1959	4.040995	0.247464	4.3080%
1958	3.874099	0.258125	2.1130%
1957	3.793934	0.263579	1.9895%
1956	3.719927	0.268823	2.1231%
1955	3.642591	0.274530	1.4496%
1954	3.590542	0.278509	2.1573%
1953	3.514721	0.284518	1.2298%
1952	3.472023	0.288017	1.6814%
1951	3.414611	0.292859	1.6233%
1950	3.360068	0.297613	1.4265%
1949	3.312809	0.301859	1.7790%
1948	3.254903	0.307229	1.8242%
1947	3.196592	0.312833	-2.6320%

1946	3.283002	0.304599	3.1768%
1945	3.181919	0.314276	6.4754%
1944	2.988407	0.334626	-0.3437%
1943	2.998713	0.333476	0.6562%
1942	2.979163	0.335665	0.6633%
1941	2.959532	0.337891	-5.6614%
1940	3.137139	0.318762	8.0381%
1939	2.903734	0.344384	0.8126%
1938	2.880327	0.347183	0.7762%
1937	2.858141	0.349878	0.6029%
1936	2.841013	0.351987	0.5244%
1935	2.826193	0.353833	-3.0364%
1934	2.914694	0.343089	4.6271%
1933	2.785792	0.358964	1.3921%
1932	2.747543	0.363962	-0.2051%
1931	2.753189	0.363215	0.8886%
1930	2.728940	0.366443	1.0126%
1929	2.701584	0.370153	1.1526%
1928	2.670801	0.374420	1.2160%
1927	2.638714	0.378973	1.4086%
1926	2.602062	0.384311	1.7667%
1925	2.556889	0.391100	1.4465%
1924	2.520431	0.396757	1.7700%
1923	2.476596	0.403780	1.6165%
1922	2.437199	0.410307	1.3736%
1921	2.404174	0.415943	2.3393%
1920	2.349218	0.425674	1.3140%
1919	2.318750	0.431267	0.7676%
1918	2.301085	0.434578	0.3870%
1917	2.292215	0.436259	1.3274%
1916	2.262186	0.442050	1.4083%
1915	2.230770	0.448276	1.4458%
1914	2.198977	0.454757	1.9424%
1913	2.157079	0.463590	1.9857%
1912	2.115080	0.472795	1.5634%
1911	2.082522	0.480187	1.8169%
1910	2.045359	0.488912	1.8781%
1909	2.007654	0.498094	2.0082%
1908	1.968129	0.508097	1.9603%
1907	1.930291	0.518057	1.8264%
1906	1.895669	0.527518	1.9357%
1905	1.859672	0.537729	2.0148%
1904	1.822943	0.548564	2.1335%
1903	1.784862	0.560267	1.8151%
1902	1.753042	0.570437	1.8943%
1901	1.720451	0.581243	3.0255%
1900	1.669927	0.598829	0.6278%
1899	1.659508	0.602588	1.7757%
1898	1.630555	0.613288	1.8078%
1897	1.601602	0.624375	1.8396%
1896	1.572671	0.635861	1.8755%
1895	1.543718	0.647787	1.9114%
1894	1.514765	0.660168	1.9486%

1893	1.485812	0.673033	1.9858%
1892	1.456881	0.686398	2.0276%
1891	1.427928	0.700315	2.6465%
1890	1.391112	0.718849	1.5328%
1889	1.370111	0.729868	2.0811%
1888	1.342178	0.745058	2.1599%
1887	1.313802	0.761150	2.2075%
1886	1.285426	0.777952	2.2592%
1885	1.257027	0.795528	2.3095%
1884	1.228651	0.813901	2.3641%
1883	1.200275	0.833142	2.4214%
1882	1.171899	0.853316	2.4815%
1881	1.143523	0.874491	3.7644%
1880	1.102038	0.907410	0.9432%
1879	1.091740	0.915969	2.1464%
1878	1.068800	0.935629	2.1913%
1877	1.045881	0.956132	2.2426%
1876	1.022941	0.977574	2.2941%
1875	1.000000	1.000000	2.3456%
1874	0.977082	1.023456	2.4043%
1873	0.954141	1.048063	2.4635%
1872	0.931200	1.073883	2.5258%
1871	0.908260	1.101006	5.9947%
1870	0.856892	1.167008	-1.0968%
1869	0.866395	1.154209	2.1930%
1868	0.847802	1.179520	2.2394%
1867	0.829233	1.205934	2.2935%
1866	0.810641	1.233592	2.3445%
1865	0.792071	1.262514	2.4037%
1864	0.773479	1.292861	2.4599%
1863	0.754909	1.324663	2.5250%
1862	0.736317	1.358111	2.5872%
1861	0.717747	1.393249	2.9504%
1860	0.697177	1.434356	2.4012%
1859	0.680829	1.468798	2.7627%
1858	0.662525	1.509376	2.8412%
1857	0.644222	1.552261	2.9243%
1856	0.625918	1.597653	3.0161%
1855	0.607592	1.645841	3.1061%
1854	0.589288	1.696962	3.2056%
1853	0.570985	1.751360	3.3118%
1852	0.552681	1.809361	3.4252%
1851	0.534378	1.871336	4.0106%
1850	0.513772	1.946388	2.3254%
1849	0.502097	1.991649	2.7841%
1848	0.488496	2.047098	2.8590%
1847	0.474918	2.105625	2.9432%
1846	0.461340	2.167596	3.0324%
1845	0.447763	2.233327	3.1325%
1844	0.434162	2.303286	3.2284%
1843	0.420584	2.377644	3.3361%
1842	0.407006	2.456964	3.4512%
1841	0.393428	2.541758	3.8105%

1840	0.378987	2.638612	2.3861%
1839	0.370155	2.701570	2.5824%
1838	0.360837	2.771335	2.6573%
1837	0.351496	2.844979	2.7232%
1836	0.342178	2.922453	2.7994%
1835	0.332860	3.004266	2.8871%
1834	0.323520	3.091003	2.9657%
1833	0.314201	3.182672	3.0563%
1832	0.304883	3.279945	3.1604%
1831	0.295543	3.383605	3.4660%
1830	0.285643	3.500879	2.4653%
1829	0.278770	3.587187	2.6804%
1828	0.271493	3.683337	10.3427%
1827	0.246045	4.064292	-4.2314%
1826	0.256917	3.892314	2.9150%
1825	0.249639	4.005777	3.0026%
1824	0.242362	4.126053	3.0955%
1823	0.235085	4.253775	3.1944%
1822	0.227808	4.389657	3.3102%
1821	0.220509	4.534963	3.2277%
1820	0.213614	4.681340	2.6573%
1819	0.208085	4.805736	2.6261%
1818	0.202760	4.931940	2.6969%
1817	0.197435	5.064951	2.7717%
1816	0.192111	5.205335	2.8507%
1815	0.186786	5.353724	2.9343%
1814	0.181461	5.510820	3.0231%
1813	0.176136	5.677415	3.1039%
1812	0.170834	5.853636	3.2172%
1811	0.165509	6.041957	3.0969%
1810	0.160538	6.229071	2.9144%
1809	0.155991	6.410610	2.8225%
1808	0.151709	6.591547	2.9199%
1807	0.147405	6.784016	2.9918%
1806	0.143123	6.986979	3.0841%
1805	0.138841	7.202461	3.1822%
1804	0.134559	7.431657	3.2868%
1803	0.130278	7.675920	3.3985%
1802	0.125996	7.936785	3.5180%
1801	0.121714	8.216004	3.3999%
1800	0.117712	8.495344	2.8419%
1799	0.114459	8.736771	2.7485%
1798	0.111397	8.976897	2.8261%
1797	0.108335	9.230596	3.7832%
1796	0.104386	9.579809	2.1272%
1795	0.102212	9.783590	3.0879%
1794	0.099150	10.085701	3.1625%
1793	0.096111	10.404663	3.2904%
1792	0.093049	10.747020	3.4024%
1791	0.089987	11.112673	3.2296%
1790	0.087172	11.471563	41.3145%
1780	0.061687	16.210977	29.4353%
1770	0.047658	20.982729	83.4728%

1750	0.025976	38.497608	29.2845%
1740	0.020092	49.771422	94.2514%
1720	0.010343	96.681682	85.8111%
1700	0.005567	179.645277	19.2490%
1690	0.004668	214.225285	88.0250%
1670	0.002483	402.797140	

BASE YEAR: 1874

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	6.844468	0.146103	8.2857%
2001	6.320752	0.158209	1.0000%
2000	6.258169	0.159791	1.0000%
1999	6.196207	0.161389	1.0000%
1998	6.134859	0.163003	1.0000%
1997	6.074117	0.164633	1.0000%
1996	6.013978	0.166279	1.0000%
1995	5.954433	0.167942	0.9992%
1994	5.895524	0.169620	1.0008%
1993	5.837107	0.171318	1.0000%
1992	5.779314	0.173031	0.9295%
1991	5.726090	0.174639	1.2505%
1990	5.655369	0.176823	0.7224%
1989	5.614805	0.178101	1.1077%
1988	5.553292	0.180073	0.8834%
1987	5.504666	0.181664	0.5594%
1986	5.474046	0.182680	1.3056%
1985	5.403497	0.185065	0.7673%
1984	5.362352	0.186485	0.8149%
1983	5.319005	0.188005	0.9737%
1982	5.267711	0.189836	0.9508%
1981	5.218097	0.191641	0.9031%
1980	5.171396	0.193371	2.2701%
1979	5.056608	0.197761	1.0042%
1978	5.006335	0.199747	0.9896%
1977	4.957277	0.201724	0.9103%
1976	4.912557	0.203560	0.8394%
1975	4.871662	0.205269	0.9042%
1974	4.828009	0.207125	1.1568%
1973	4.772797	0.209521	0.9427%
1972	4.728224	0.211496	0.7426%
1971	4.693370	0.213067	1.4697%
1970	4.625389	0.216198	0.6968%
1969	4.593381	0.217705	0.8565%
1968	4.554371	0.219569	1.5090%
1967	4.486666	0.222883	0.9949%
1966	4.442467	0.225100	1.0575%
1965	4.395981	0.227481	1.1300%
1964	4.346861	0.230051	1.5537%
1963	4.280359	0.233625	1.4658%
1962	4.218523	0.237050	1.5364%
1961	4.154689	0.240692	2.1586%

1960	4.066899	0.245888	-1.6655%
1959	4.135780	0.241792	4.3080%
1958	3.964969	0.252209	2.1130%
1957	3.882925	0.257538	1.9895%
1956	3.807181	0.262662	2.1231%
1955	3.728031	0.268238	1.4496%
1954	3.674762	0.272126	2.1573%
1953	3.597162	0.277997	1.2298%
1952	3.553463	0.281416	1.6814%
1951	3.494704	0.286147	1.6233%
1950	3.438881	0.290792	1.4265%
1949	3.390514	0.294941	1.7790%
1948	3.331250	0.300188	1.8242%
1947	3.271571	0.305664	-2.6320%
1946	3.360008	0.297618	3.1768%
1945	3.256554	0.307073	6.4754%
1944	3.058503	0.326957	-0.3437%
1943	3.069050	0.325834	0.6562%
1942	3.049042	0.327972	0.6633%
1941	3.028951	0.330147	-5.6614%
1940	3.210724	0.311456	8.0381%
1939	2.971844	0.336491	0.8126%
1938	2.947888	0.339226	0.7762%
1937	2.925182	0.341859	0.6029%
1936	2.907652	0.343920	0.5244%
1935	2.892484	0.345724	-3.0364%
1934	2.983061	0.335226	4.6271%
1933	2.851135	0.350737	1.3921%
1932	2.811989	0.355620	-0.2051%
1931	2.817768	0.354891	0.8886%
1930	2.792950	0.358044	1.0126%
1929	2.764952	0.361670	1.1526%
1928	2.733447	0.365838	1.2160%
1927	2.700607	0.370287	1.4086%
1926	2.663096	0.375503	1.7667%
1925	2.616864	0.382137	1.4465%
1924	2.579550	0.387664	1.7700%
1923	2.534687	0.394526	1.6165%
1922	2.494365	0.400904	1.3736%
1921	2.460566	0.406411	2.3393%
1920	2.404321	0.415918	1.3140%
1919	2.373138	0.421383	0.7676%
1918	2.355060	0.424618	0.3870%
1917	2.345981	0.426261	1.3274%
1916	2.315248	0.431919	1.4083%
1915	2.283095	0.438002	1.4458%
1914	2.250556	0.444335	1.9424%
1913	2.207675	0.452965	1.9857%
1912	2.164691	0.461960	1.5634%
1911	2.131369	0.469182	1.8169%
1910	2.093335	0.477707	1.8781%
1909	2.054746	0.486678	2.0082%
1908	2.014294	0.496452	1.9603%

1907	1.975568	0.506184	1.8264%
1906	1.940134	0.515428	1.9357%
1905	1.903292	0.525405	2.0148%
1904	1.865702	0.535991	2.1335%
1903	1.826728	0.547427	1.8151%
1902	1.794161	0.557364	1.8943%
1901	1.760805	0.567922	3.0255%
1900	1.709097	0.585104	0.6278%
1899	1.698433	0.588778	1.7757%
1898	1.668801	0.599233	1.8078%
1897	1.639169	0.610065	1.8396%
1896	1.609559	0.621288	1.8755%
1895	1.579927	0.632941	1.9114%
1894	1.550295	0.645038	1.9486%
1893	1.520663	0.657608	1.9858%
1892	1.491054	0.670667	2.0276%
1891	1.461421	0.684265	2.6465%
1890	1.423742	0.702375	1.5328%
1889	1.402248	0.713141	2.0811%
1888	1.373660	0.727982	2.1599%
1887	1.344619	0.743705	2.2075%
1886	1.315577	0.760123	2.2592%
1885	1.286512	0.777295	2.3095%
1884	1.257470	0.795247	2.3641%
1883	1.228429	0.814048	2.4214%
1882	1.199387	0.833759	2.4815%
1881	1.170345	0.854449	3.7644%
1880	1.127887	0.886614	0.9432%
1879	1.117348	0.894976	2.1464%
1878	1.093869	0.914186	2.1913%
1877	1.070413	0.934219	2.2426%
1876	1.046935	0.955169	2.2941%
1875	1.023456	0.977082	2.3456%
1874	1.000000	1.000000	2.4043%
1873	0.976521	1.024043	2.4635%
1872	0.953043	1.049271	2.5258%
1871	0.929564	1.075773	5.9947%
1870	0.876991	1.140262	-1.0968%
1869	0.886717	1.127756	2.1930%
1868	0.867688	1.152487	2.2394%
1867	0.848683	1.178296	2.2935%
1866	0.829655	1.205320	2.3445%
1865	0.810649	1.233579	2.4037%
1864	0.791621	1.263230	2.4599%
1863	0.772616	1.294304	2.5250%
1862	0.753588	1.326986	2.5872%
1861	0.734582	1.361318	2.9504%
1860	0.713530	1.401482	2.4012%
1859	0.696798	1.435135	2.7627%
1858	0.678065	1.474784	2.8412%
1857	0.659332	1.516686	2.9243%
1856	0.640599	1.561038	3.0161%
1855	0.621844	1.608121	3.1061%

1854	0.603111	1.658070	3.2056%
1853	0.584378	1.711222	3.3118%
1852	0.565645	1.767894	3.4252%
1851	0.546912	1.828448	4.0106%
1850	0.525823	1.901780	2.3254%
1849	0.513874	1.946003	2.7841%
1848	0.499955	2.000182	2.8590%
1847	0.486058	2.057367	2.9432%
1846	0.472162	2.117919	3.0324%
1845	0.458265	2.182143	3.1325%
1844	0.444346	2.250498	3.2284%
1843	0.430450	2.323152	3.3361%
1842	0.416553	2.400654	3.4512%
1841	0.402657	2.483505	3.8105%
1840	0.387877	2.578139	2.3861%
1839	0.378837	2.639655	2.5824%
1838	0.369301	2.707821	2.6573%
1837	0.359741	2.779777	2.7232%
1836	0.350204	2.855476	2.7994%
1835	0.340668	2.935413	2.8871%
1834	0.331108	3.020162	2.9657%
1833	0.321571	3.109730	3.0563%
1832	0.312035	3.204774	3.1604%
1831	0.302475	3.306058	3.4660%
1830	0.292343	3.420645	2.4653%
1829	0.285309	3.504974	2.6804%
1828	0.277861	3.598921	10.3427%
1827	0.251817	3.971145	-4.2314%
1826	0.262943	3.803109	2.9150%
1825	0.255495	3.913971	3.0026%
1824	0.248047	4.031490	3.0955%
1823	0.240599	4.156285	3.1944%
1822	0.233152	4.289053	3.3102%
1821	0.225681	4.431029	3.2277%
1820	0.218625	4.574051	2.6573%
1819	0.212965	4.695597	2.6261%
1818	0.207516	4.818908	2.6969%
1817	0.202066	4.948871	2.7717%
1816	0.196617	5.086038	2.8507%
1815	0.191167	5.231025	2.9343%
1814	0.185718	5.384521	3.0231%
1813	0.180268	5.547298	3.1039%
1812	0.174841	5.719481	3.2172%
1811	0.169391	5.903485	3.0969%
1810	0.164303	6.086311	2.9144%
1809	0.159650	6.263689	2.8225%
1808	0.155268	6.440480	2.9199%
1807	0.150863	6.628537	2.9918%
1806	0.146480	6.826849	3.0841%
1805	0.142098	7.037392	3.1822%
1804	0.137716	7.261336	3.2868%
1803	0.133333	7.500000	3.3985%
1802	0.128951	7.754886	3.5180%

1801	0.124569	8.027707	3.3999%
1800	0.120473	8.300645	2.8419%
1799	0.117144	8.536538	2.7485%
1798	0.114010	8.771161	2.8261%
1797	0.110876	9.019046	3.7832%
1796	0.106835	9.360255	2.1272%
1795	0.104609	9.559366	3.0879%
1794	0.101476	9.854554	3.1625%
1793	0.098365	10.166205	3.2904%
1792	0.095232	10.500715	3.4024%
1791	0.092098	10.857988	3.2296%
1790	0.089217	11.208654	41.3145%
1780	0.063134	15.839448	29.4353%
1770	0.048776	20.501839	83.4728%
1750	0.026585	37.615306	29.2845%
1740	0.020563	48.630742	94.2514%
1720	0.010586	94.465894	85.8111%
1700	0.005697	175.528099	19.2490%
1690	0.004777	209.315589	88.0250%
1670	0.002541	393.565684	

BASE YEAR: 1873

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.009030	0.142673	8.2857%
2001	6.472722	0.154494	1.0000%
2000	6.408635	0.156039	1.0000%
1999	6.345184	0.157600	1.0000%
1998	6.282360	0.159176	1.0000%
1997	6.220158	0.160768	1.0000%
1996	6.158573	0.162375	1.0000%
1995	6.097597	0.163999	0.9992%
1994	6.037271	0.165638	1.0008%
1993	5.977450	0.167295	1.0000%
1992	5.918267	0.168968	0.9295%
1991	5.863763	0.170539	1.2505%
1990	5.791342	0.172672	0.7224%
1989	5.749802	0.173919	1.1077%
1988	5.686811	0.175845	0.8834%
1987	5.637016	0.177399	0.5594%
1986	5.605660	0.178391	1.3056%
1985	5.533414	0.180720	0.7673%
1984	5.491280	0.182107	0.8149%
1983	5.446891	0.183591	0.9737%
1982	5.394364	0.185379	0.9508%
1981	5.343557	0.187141	0.9031%
1980	5.295733	0.188831	2.2701%
1979	5.178184	0.193118	1.0042%
1978	5.126703	0.195057	0.9896%
1977	5.076466	0.196987	0.9103%
1976	5.030670	0.198781	0.8394%
1975	4.988792	0.200449	0.9042%

1974	4.944089	0.202262	1.1568%
1973	4.887551	0.204601	0.9427%
1972	4.841906	0.206530	0.7426%
1971	4.806213	0.208064	1.4697%
1970	4.736598	0.211122	0.6968%
1969	4.703820	0.212593	0.8565%
1968	4.663872	0.214414	1.5090%
1967	4.594539	0.217650	0.9949%
1966	4.549278	0.219815	1.0575%
1965	4.501674	0.222140	1.1300%
1964	4.451373	0.224650	1.5537%
1963	4.383272	0.228140	1.4658%
1962	4.319950	0.231484	1.5364%
1961	4.254581	0.235041	2.1586%
1960	4.164680	0.240114	-1.6655%
1959	4.235217	0.236115	4.3080%
1958	4.060300	0.246287	2.1130%
1957	3.976282	0.251491	1.9895%
1956	3.898718	0.256495	2.1231%
1955	3.817665	0.261940	1.4496%
1954	3.763114	0.265737	2.1573%
1953	3.683649	0.271470	1.2298%
1952	3.638899	0.274808	1.6814%
1951	3.578727	0.279429	1.6233%
1950	3.521563	0.283965	1.4265%
1949	3.472033	0.288016	1.7790%
1948	3.411344	0.293140	1.8242%
1947	3.350230	0.298487	-2.6320%
1946	3.440793	0.290631	3.1768%
1945	3.334852	0.299863	6.4754%
1944	3.132039	0.319281	-0.3437%
1943	3.142840	0.318184	0.6562%
1942	3.122351	0.320272	0.6633%
1941	3.101776	0.322396	-5.6614%
1940	3.287920	0.304144	8.0381%
1939	3.043296	0.328591	0.8126%
1938	3.018765	0.331261	0.7762%
1937	2.995512	0.333833	0.6029%
1936	2.977561	0.335845	0.5244%
1935	2.962029	0.337606	-3.0364%
1934	3.054783	0.327355	4.6271%
1933	2.919686	0.342503	1.3921%
1932	2.879598	0.347271	-0.2051%
1931	2.885516	0.346558	0.8886%
1930	2.860101	0.349638	1.0126%
1929	2.831430	0.353178	1.1526%
1928	2.799168	0.357249	1.2160%
1927	2.765539	0.361593	1.4086%
1926	2.727125	0.366687	1.7667%
1925	2.679781	0.373165	1.4465%
1924	2.641571	0.378563	1.7700%
1923	2.595629	0.385263	1.6165%
1922	2.554338	0.391491	1.3736%

1921	2.519726	0.396869	2.3393%
1920	2.462129	0.406153	1.3140%
1919	2.430196	0.411489	0.7676%
1918	2.411683	0.414648	0.3870%
1917	2.402386	0.416253	1.3274%
1916	2.370913	0.421778	1.4083%
1915	2.337988	0.427718	1.4458%
1914	2.304667	0.433902	1.9424%
1913	2.260754	0.442330	1.9857%
1912	2.216737	0.451113	1.5634%
1911	2.182614	0.458166	1.8169%
1910	2.143665	0.466491	1.8781%
1909	2.104148	0.475252	2.0082%
1908	2.062724	0.484796	1.9603%
1907	2.023067	0.494299	1.8264%
1906	1.986781	0.503327	1.9357%
1905	1.949054	0.513070	2.0148%
1904	1.910559	0.523407	2.1335%
1903	1.870648	0.534574	1.8151%
1902	1.837298	0.544277	1.8943%
1901	1.803141	0.554588	3.0255%
1900	1.750189	0.571367	0.6278%
1899	1.739269	0.574954	1.7757%
1898	1.708924	0.585163	1.8078%
1897	1.678580	0.595742	1.8396%
1896	1.648258	0.606701	1.8755%
1895	1.617914	0.618080	1.9114%
1894	1.587569	0.629894	1.9486%
1893	1.557225	0.642168	1.9858%
1892	1.526903	0.654920	2.0276%
1891	1.496559	0.668200	2.6465%
1890	1.457973	0.685884	1.5328%
1889	1.435962	0.696397	2.0811%
1888	1.406687	0.710890	2.1599%
1887	1.376947	0.726244	2.2075%
1886	1.347207	0.742276	2.2592%
1885	1.317444	0.759046	2.3095%
1884	1.287704	0.776576	2.3641%
1883	1.257964	0.794935	2.4214%
1882	1.228224	0.814184	2.4815%
1881	1.198484	0.834387	3.7644%
1880	1.155005	0.865797	0.9432%
1879	1.144212	0.873964	2.1464%
1878	1.120169	0.892722	2.1913%
1877	1.096149	0.912284	2.2426%
1876	1.072106	0.932743	2.2941%
1875	1.048063	0.954141	2.3456%
1874	1.024043	0.976521	2.4043%
1873	1.000000	1.000000	2.4635%
1872	0.975957	1.024635	2.5258%
1871	0.951914	1.050515	5.9947%
1870	0.898077	1.113490	-1.0968%
1869	0.908036	1.101278	2.1930%

1868	0.888550	1.125429	2.2394%
1867	0.869088	1.150631	2.2935%
1866	0.849602	1.177021	2.3445%
1865	0.830140	1.204616	2.4037%
1864	0.810654	1.233571	2.4599%
1863	0.791192	1.263916	2.5250%
1862	0.771706	1.295830	2.5872%
1861	0.752244	1.329356	2.9504%
1860	0.730686	1.368578	2.4012%
1859	0.713552	1.401440	2.7627%
1858	0.694368	1.440158	2.8412%
1857	0.675185	1.481076	2.9243%
1856	0.656001	1.524387	3.0161%
1855	0.636795	1.570364	3.1061%
1854	0.617611	1.619141	3.2056%
1853	0.598428	1.671044	3.3118%
1852	0.579245	1.726386	3.4252%
1851	0.560061	1.785519	4.0106%
1850	0.538466	1.857129	2.3254%
1849	0.526229	1.900314	2.7841%
1848	0.511975	1.953220	2.8590%
1847	0.497745	2.009063	2.9432%
1846	0.483514	2.068193	3.0324%
1845	0.469283	2.130909	3.1325%
1844	0.455030	2.197660	3.2284%
1843	0.440799	2.268608	3.3361%
1842	0.426568	2.344290	3.4512%
1841	0.412338	2.425196	3.8105%
1840	0.397202	2.517608	2.3861%
1839	0.387946	2.577679	2.5824%
1838	0.378180	2.644245	2.6573%
1837	0.368390	2.714511	2.7232%
1836	0.358624	2.788433	2.7994%
1835	0.348858	2.866493	2.8871%
1834	0.339069	2.949253	2.9657%
1833	0.329303	3.036718	3.0563%
1832	0.319537	3.129530	3.1604%
1831	0.309747	3.228436	3.4660%
1830	0.299371	3.340333	2.4653%
1829	0.292169	3.422682	2.6804%
1828	0.284542	3.514423	10.3427%
1827	0.257871	3.877908	-4.2314%
1826	0.269265	3.713817	2.9150%
1825	0.261638	3.822076	3.0026%
1824	0.254011	3.936836	3.0955%
1823	0.246384	4.058701	3.1944%
1822	0.238757	4.188352	3.3102%
1821	0.231107	4.326995	3.2277%
1820	0.223881	4.466659	2.6573%
1819	0.218086	4.585350	2.6261%
1818	0.212505	4.705766	2.6969%
1817	0.206925	4.832678	2.7717%
1816	0.201344	4.966624	2.8507%

1815	0.195763	5.108208	2.9343%
1814	0.190183	5.258100	3.0231%
1813	0.184602	5.417055	3.1039%
1812	0.179045	5.585195	3.2172%
1811	0.173464	5.764879	3.0969%
1810	0.168253	5.943413	2.9144%
1809	0.163489	6.116626	2.8225%
1808	0.159001	6.289266	2.9199%
1807	0.154490	6.472908	2.9918%
1806	0.150002	6.666563	3.0841%
1805	0.145515	6.872164	3.1822%
1804	0.141027	7.090849	3.2868%
1803	0.136539	7.323910	3.3985%
1802	0.132051	7.572812	3.5180%
1801	0.127564	7.839227	3.3999%
1800	0.123369	8.105757	2.8419%
1799	0.119960	8.336112	2.7485%
1798	0.116751	8.565226	2.8261%
1797	0.113542	8.807291	3.7832%
1796	0.109403	9.140489	2.1272%
1795	0.107125	9.334925	3.0879%
1794	0.103916	9.623182	3.1625%
1793	0.100730	9.927516	3.2904%
1792	0.097521	10.254173	3.4024%
1791	0.094312	10.603057	3.2296%
1790	0.091362	10.945490	41.3145%
1780	0.064651	15.467559	29.4353%
1770	0.049949	20.020483	83.4728%
1750	0.027224	36.732149	29.2845%
1740	0.021058	47.488958	94.2514%
1720	0.010840	92.247962	85.8111%
1700	0.005834	171.406935	19.2490%
1690	0.004892	204.401141	88.0250%
1670	0.002602	384.325290	

BASE YEAR: 1872

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.181701	0.139243	8.2857%
2001	6.632181	0.150780	1.0000%
2000	6.566515	0.152288	1.0000%
1999	6.501500	0.153811	1.0000%
1998	6.437129	0.155349	1.0000%
1997	6.373395	0.156902	1.0000%
1996	6.310292	0.158471	1.0000%
1995	6.247814	0.160056	0.9992%
1994	6.186002	0.161655	1.0008%
1993	6.124707	0.163273	1.0000%
1992	6.064067	0.164906	0.9295%
1991	6.008220	0.166439	1.2505%
1990	5.934014	0.168520	0.7224%
1989	5.891451	0.169737	1.1077%

1988	5.826908	0.171618	0.8834%
1987	5.775886	0.173134	0.5594%
1986	5.743758	0.174102	1.3056%
1985	5.669732	0.176375	0.7673%
1984	5.626561	0.177728	0.8149%
1983	5.581078	0.179177	0.9737%
1982	5.527256	0.180922	0.9508%
1981	5.475198	0.182642	0.9031%
1980	5.426196	0.184291	2.2701%
1979	5.305751	0.188475	1.0042%
1978	5.253002	0.190367	0.9896%
1977	5.201527	0.192251	0.9103%
1976	5.154603	0.194001	0.8394%
1975	5.111694	0.195630	0.9042%
1974	5.065889	0.197399	1.1568%
1973	5.007958	0.199682	0.9427%
1972	4.961188	0.201565	0.7426%
1971	4.924616	0.203062	1.4697%
1970	4.853286	0.206046	0.6968%
1969	4.819701	0.207482	0.8565%
1968	4.778769	0.209259	1.5090%
1967	4.707728	0.212417	0.9949%
1966	4.661352	0.214530	1.0575%
1965	4.612575	0.216799	1.1300%
1964	4.561035	0.219248	1.5537%
1963	4.491256	0.222655	1.4658%
1962	4.426374	0.225919	1.5364%
1961	4.359394	0.229390	2.1586%
1960	4.267279	0.234341	-1.6655%
1959	4.339554	0.230438	4.3080%
1958	4.160327	0.240366	2.1130%
1957	4.074240	0.245445	1.9895%
1956	3.994764	0.250328	2.1231%
1955	3.911715	0.255642	1.4496%
1954	3.855821	0.259348	2.1573%
1953	3.774397	0.264943	1.2298%
1952	3.728545	0.268201	1.6814%
1951	3.666891	0.272711	1.6233%
1950	3.608318	0.277137	1.4265%
1949	3.557568	0.281091	1.7790%
1948	3.495384	0.286092	1.8242%
1947	3.432765	0.291310	-2.6320%
1946	3.525559	0.283643	3.1768%
1945	3.417007	0.292654	6.4754%
1944	3.209198	0.311604	-0.3437%
1943	3.220266	0.310533	0.6562%
1942	3.199271	0.312571	0.6633%
1941	3.178190	0.314644	-5.6614%
1940	3.368919	0.296831	8.0381%
1939	3.118269	0.320691	0.8126%
1938	3.093134	0.323297	0.7762%
1937	3.069308	0.325806	0.6029%
1936	3.050915	0.327771	0.5244%

1935	3.035000	0.329489	-3.0364%
1934	3.130039	0.319485	4.6271%
1933	2.991613	0.334268	1.3921%
1932	2.950538	0.338921	-0.2051%
1931	2.956602	0.338226	0.8886%
1930	2.930561	0.341232	1.0126%
1929	2.901184	0.344687	1.1526%
1928	2.868126	0.348660	1.2160%
1927	2.833669	0.352899	1.4086%
1926	2.794309	0.357870	1.7667%
1925	2.745799	0.364193	1.4465%
1924	2.706647	0.369461	1.7700%
1923	2.659574	0.376000	1.6165%
1922	2.617265	0.382078	1.3736%
1921	2.581800	0.387327	2.3393%
1920	2.522784	0.396387	1.3140%
1919	2.490065	0.401596	0.7676%
1918	2.471096	0.404679	0.3870%
1917	2.461570	0.406245	1.3274%
1916	2.429322	0.411637	1.4083%
1915	2.395585	0.417435	1.4458%
1914	2.361443	0.423470	1.9424%
1913	2.316449	0.431695	1.9857%
1912	2.271348	0.440267	1.5634%
1911	2.236384	0.447150	1.8169%
1910	2.196476	0.455275	1.8781%
1909	2.155985	0.463825	2.0082%
1908	2.113540	0.473140	1.9603%
1907	2.072906	0.482415	1.8264%
1906	2.035726	0.491225	1.9357%
1905	1.997069	0.500734	2.0148%
1904	1.957627	0.510823	2.1335%
1903	1.916733	0.521721	1.8151%
1902	1.882561	0.531191	1.8943%
1901	1.847562	0.541254	3.0255%
1900	1.793305	0.557629	0.6278%
1899	1.782117	0.561130	1.7757%
1898	1.751024	0.571094	1.8078%
1897	1.719932	0.581418	1.8396%
1896	1.688864	0.592114	1.8755%
1895	1.657772	0.603219	1.9114%
1894	1.626680	0.614749	1.9486%
1893	1.595588	0.626728	1.9858%
1892	1.564519	0.639174	2.0276%
1891	1.533427	0.652134	2.6465%
1890	1.493891	0.669393	1.5328%
1889	1.471338	0.679653	2.0811%
1888	1.441342	0.693798	2.1599%
1887	1.410869	0.708783	2.2075%
1886	1.380396	0.724430	2.2592%
1885	1.349900	0.740796	2.3095%
1884	1.319427	0.757905	2.3641%
1883	1.288955	0.775823	2.4214%

1882	1.258482	0.794608	2.4815%
1881	1.228009	0.814326	3.7644%
1880	1.183459	0.844981	0.9432%
1879	1.172401	0.852951	2.1464%
1878	1.147765	0.871258	2.1913%
1877	1.123154	0.890350	2.2426%
1876	1.098518	0.910317	2.2941%
1875	1.073883	0.931200	2.3456%
1874	1.049271	0.953043	2.4043%
1873	1.024635	0.975957	2.4635%
1872	1.000000	1.000000	2.5258%
1871	0.975365	1.025258	5.9947%
1870	0.920201	1.086719	-1.0968%
1869	0.930406	1.074800	2.1930%
1868	0.910440	1.098370	2.2394%
1867	0.890498	1.122967	2.2935%
1866	0.870533	1.148722	2.3445%
1865	0.850591	1.175653	2.4037%
1864	0.830625	1.203912	2.4599%
1863	0.810683	1.233527	2.5250%
1862	0.790718	1.264674	2.5872%
1861	0.770776	1.297394	2.9504%
1860	0.748686	1.335673	2.4012%
1859	0.731130	1.367745	2.7627%
1858	0.711474	1.405532	2.8412%
1857	0.691818	1.445466	2.9243%
1856	0.672162	1.487736	3.0161%
1855	0.652483	1.532608	3.1061%
1854	0.632827	1.580212	3.2056%
1853	0.613171	1.630867	3.3118%
1852	0.593515	1.684878	3.4252%
1851	0.573859	1.742589	4.0106%
1850	0.551731	1.812477	2.3254%
1849	0.539193	1.854624	2.7841%
1848	0.524588	1.906259	2.8590%
1847	0.510007	1.960759	2.9432%
1846	0.495426	2.018467	3.0324%
1845	0.480844	2.079675	3.1325%
1844	0.466239	2.144821	3.2284%
1843	0.451658	2.214063	3.3361%
1842	0.437077	2.287926	3.4512%
1841	0.422496	2.366887	3.8105%
1840	0.406988	2.457077	2.3861%
1839	0.397503	2.515704	2.5824%
1838	0.387496	2.580669	2.6573%
1837	0.377466	2.649246	2.7232%
1836	0.367459	2.721390	2.7994%
1835	0.357453	2.797574	2.8871%
1834	0.347422	2.878343	2.9657%
1833	0.337415	2.963706	3.0563%
1832	0.327409	3.054286	3.1604%
1831	0.317378	3.150815	3.4660%
1830	0.306747	3.260021	2.4653%

1829	0.299366	3.340390	2.6804%
1828	0.291552	3.429926	10.3427%
1827	0.264224	3.784671	-4.2314%
1826	0.275898	3.624525	2.9150%
1825	0.268083	3.730181	3.0026%
1824	0.260269	3.842182	3.0955%
1823	0.252454	3.961117	3.1944%
1822	0.244639	4.087651	3.3102%
1821	0.236801	4.222960	3.2277%
1820	0.229396	4.359266	2.6573%
1819	0.223458	4.475104	2.6261%
1818	0.217740	4.592625	2.6969%
1817	0.212022	4.716485	2.7717%
1816	0.206304	4.847211	2.8507%
1815	0.200586	4.985390	2.9343%
1814	0.194868	5.131679	3.0231%
1813	0.189150	5.286812	3.1039%
1812	0.183456	5.450909	3.2172%
1811	0.177738	5.626273	3.0969%
1810	0.172399	5.800514	2.9144%
1809	0.167516	5.969563	2.8225%
1808	0.162918	6.138052	2.9199%
1807	0.158296	6.317279	2.9918%
1806	0.153698	6.506278	3.0841%
1805	0.149099	6.706935	3.1822%
1804	0.144501	6.920363	3.2868%
1803	0.139903	7.147820	3.3985%
1802	0.135304	7.390738	3.5180%
1801	0.130706	7.650747	3.3999%
1800	0.126408	7.910869	2.8419%
1799	0.122915	8.135685	2.7485%
1798	0.119627	8.359291	2.8261%
1797	0.116339	8.595536	3.7832%
1796	0.112099	8.920723	2.1272%
1795	0.109764	9.110484	3.0879%
1794	0.106476	9.391810	3.1625%
1793	0.103212	9.688827	3.2904%
1792	0.099924	10.007630	3.4024%
1791	0.096636	10.348126	3.2296%
1790	0.093613	10.682326	41.3145%
1780	0.066244	15.095670	29.4353%
1770	0.051179	19.539128	83.4728%
1750	0.027895	35.848992	29.2845%
1740	0.021576	46.347173	94.2514%
1720	0.011107	90.030030	85.8111%
1700	0.005978	167.285771	19.2490%
1690	0.005013	199.486692	88.0250%
1670	0.002666	375.084897	

BASE YEAR: 1871

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.363094	0.135812	8.2857%
2001	6.799695	0.147065	1.0000%
2000	6.732370	0.148536	1.0000%
1999	6.665713	0.150021	1.0000%
1998	6.599716	0.151522	1.0000%
1997	6.534372	0.153037	1.0000%
1996	6.469675	0.154567	1.0000%
1995	6.405619	0.156113	0.9992%
1994	6.342246	0.157673	1.0008%
1993	6.279403	0.159251	1.0000%
1992	6.217231	0.160843	0.9295%
1991	6.159974	0.162338	1.2505%
1990	6.083894	0.164368	0.7224%
1989	6.040256	0.165556	1.1077%
1988	5.974083	0.167390	0.8834%
1987	5.921772	0.168868	0.5594%
1986	5.888832	0.169813	1.3056%
1985	5.812937	0.172030	0.7673%
1984	5.768675	0.173350	0.8149%
1983	5.722043	0.174763	0.9737%
1982	5.666862	0.176465	0.9508%
1981	5.613489	0.178142	0.9031%
1980	5.563249	0.179751	2.2701%
1979	5.439763	0.183832	1.0042%
1978	5.385681	0.185678	0.9896%
1977	5.332906	0.187515	0.9103%
1976	5.284797	0.189222	0.8394%
1975	5.240803	0.190810	0.9042%
1974	5.193842	0.192536	1.1568%
1973	5.134447	0.194763	0.9427%
1972	5.086497	0.196599	0.7426%
1971	5.049001	0.198059	1.4697%
1970	4.975869	0.200970	0.6968%
1969	4.941436	0.202370	0.8565%
1968	4.899470	0.204104	1.5090%
1967	4.826634	0.207184	0.9949%
1966	4.779087	0.209245	1.0575%
1965	4.729078	0.211458	1.1300%
1964	4.676236	0.213847	1.5537%
1963	4.604695	0.217170	1.4658%
1962	4.538174	0.220353	1.5364%
1961	4.469503	0.223739	2.1586%
1960	4.375061	0.228568	-1.6655%
1959	4.449161	0.224761	4.3080%
1958	4.265407	0.234444	2.1130%
1957	4.177146	0.239398	1.9895%
1956	4.095663	0.244161	2.1231%
1955	4.010516	0.249344	1.4496%
1954	3.953210	0.252959	2.1573%
1953	3.869730	0.258416	1.2298%
1952	3.822720	0.261594	1.6814%
1951	3.759508	0.265992	1.6233%
1950	3.699456	0.270310	1.4265%

1949	3.647424	0.274166	1.7790%
1948	3.583669	0.279044	1.8242%
1947	3.519468	0.284134	-2.6320%
1946	3.614606	0.276655	3.1768%
1945	3.503313	0.285444	6.4754%
1944	3.290255	0.303928	-0.3437%
1943	3.301602	0.302883	0.6562%
1942	3.280077	0.304871	0.6633%
1941	3.258464	0.306893	-5.6614%
1940	3.454010	0.289519	8.0381%
1939	3.197030	0.312790	0.8126%
1938	3.171259	0.315332	0.7762%
1937	3.146832	0.317780	0.6029%
1936	3.127974	0.319696	0.5244%
1935	3.111657	0.321372	-3.0364%
1934	3.209097	0.311614	4.6271%
1933	3.067175	0.326033	1.3921%
1932	3.025062	0.330572	-0.2051%
1931	3.031279	0.329894	0.8886%
1930	3.004580	0.332825	1.0126%
1929	2.974461	0.336195	1.1526%
1928	2.940569	0.340070	1.2160%
1927	2.905241	0.344206	1.4086%
1926	2.864887	0.349054	1.7667%
1925	2.815152	0.355221	1.4465%
1924	2.775011	0.360359	1.7700%
1923	2.726748	0.366737	1.6165%
1922	2.683371	0.372666	1.3736%
1921	2.647011	0.377785	2.3393%
1920	2.586504	0.386622	1.3140%
1919	2.552958	0.391702	0.7676%
1918	2.533510	0.394709	0.3870%
1917	2.523743	0.396237	1.3274%
1916	2.490681	0.401497	1.4083%
1915	2.456092	0.407151	1.4458%
1914	2.421088	0.413037	1.9424%
1913	2.374957	0.421060	1.9857%
1912	2.328717	0.429421	1.5634%
1911	2.292870	0.436135	1.8169%
1910	2.251954	0.444059	1.8781%
1909	2.210440	0.452399	2.0082%
1908	2.166923	0.461484	1.9603%
1907	2.125263	0.470530	1.8264%
1906	2.087144	0.479124	1.9357%
1905	2.047511	0.488398	2.0148%
1904	2.007072	0.498238	2.1335%
1903	1.965145	0.508868	1.8151%
1902	1.930110	0.518105	1.8943%
1901	1.894227	0.527920	3.0255%
1900	1.838600	0.543892	0.6278%
1899	1.827129	0.547307	1.7757%
1898	1.795251	0.557025	1.8078%
1897	1.763374	0.567095	1.8396%

1896	1.731521	0.577527	1.8755%
1895	1.699643	0.588359	1.9114%
1894	1.667766	0.599605	1.9486%
1893	1.635888	0.611289	1.9858%
1892	1.604035	0.623428	2.0276%
1891	1.572158	0.636068	2.6465%
1890	1.531623	0.652902	1.5328%
1889	1.508501	0.662910	2.0811%
1888	1.477747	0.676706	2.1599%
1887	1.446504	0.691322	2.2075%
1886	1.415262	0.706583	2.2592%
1885	1.383995	0.722546	2.3095%
1884	1.352753	0.739233	2.3641%
1883	1.321511	0.756710	2.4214%
1882	1.290268	0.775033	2.4815%
1881	1.259026	0.794265	3.7644%
1880	1.213351	0.824164	0.9432%
1879	1.202013	0.831938	2.1464%
1878	1.176755	0.849794	2.1913%
1877	1.151522	0.868416	2.2426%
1876	1.126264	0.887891	2.2941%
1875	1.101006	0.908260	2.3456%
1874	1.075773	0.929564	2.4043%
1873	1.050515	0.951914	2.4635%
1872	1.025258	0.975365	2.5258%
1871	1.000000	1.000000	5.9947%
1870	0.943444	1.059947	-1.0968%
1869	0.953906	1.048321	2.1930%
1868	0.933436	1.071311	2.2394%
1867	0.912990	1.095302	2.2935%
1866	0.892520	1.120423	2.3445%
1865	0.872075	1.146691	2.4037%
1864	0.851605	1.174254	2.4599%
1863	0.831159	1.203139	2.5250%
1862	0.810689	1.233518	2.5872%
1861	0.790244	1.265432	2.9504%
1860	0.767597	1.302768	2.4012%
1859	0.749597	1.334050	2.7627%
1858	0.729445	1.370906	2.8412%
1857	0.709292	1.409856	2.9243%
1856	0.689140	1.451085	3.0161%
1855	0.668963	1.494851	3.1061%
1854	0.648810	1.541282	3.2056%
1853	0.628658	1.590690	3.3118%
1852	0.608506	1.643370	3.4252%
1851	0.588353	1.699660	4.0106%
1850	0.565666	1.767826	2.3254%
1849	0.552812	1.808935	2.7841%
1848	0.537838	1.859297	2.8590%
1847	0.522888	1.912454	2.9432%
1846	0.507939	1.968741	3.0324%
1845	0.492989	2.028441	3.1325%
1844	0.478016	2.091982	3.2284%

1843	0.463066	2.159519	3.3361%
1842	0.448117	2.231562	3.4512%
1841	0.433167	2.308577	3.8105%
1840	0.417267	2.396545	2.3861%
1839	0.407543	2.453728	2.5824%
1838	0.397284	2.517093	2.6573%
1837	0.387000	2.583980	2.7232%
1836	0.376740	2.654347	2.7994%
1835	0.366481	2.728654	2.8871%
1834	0.356197	2.807434	2.9657%
1833	0.345938	2.890693	3.0563%
1832	0.335678	2.979042	3.1604%
1831	0.325394	3.073193	3.4660%
1830	0.314494	3.179709	2.4653%
1829	0.306928	3.258098	2.6804%
1828	0.298915	3.345428	10.3427%
1827	0.270897	3.691434	-4.2314%
1826	0.282867	3.535233	2.9150%
1825	0.274855	3.638287	3.0026%
1824	0.266843	3.747528	3.0955%
1823	0.258830	3.863533	3.1944%
1822	0.250818	3.986950	3.3102%
1821	0.242782	4.118925	3.2277%
1820	0.235190	4.251874	2.6573%
1819	0.229103	4.364858	2.6261%
1818	0.223240	4.479484	2.6969%
1817	0.217377	4.600292	2.7717%
1816	0.211515	4.727798	2.8507%
1815	0.205652	4.862573	2.9343%
1814	0.199790	5.005257	3.0231%
1813	0.193927	5.156569	3.1039%
1812	0.188089	5.316623	3.2172%
1811	0.182227	5.487668	3.0969%
1810	0.176753	5.657616	2.9144%
1809	0.171748	5.822500	2.8225%
1808	0.167033	5.986838	2.9199%
1807	0.162294	6.161650	2.9918%
1806	0.157580	6.345993	3.0841%
1805	0.152865	6.541707	3.1822%
1804	0.148151	6.749876	3.2868%
1803	0.143436	6.971730	3.3985%
1802	0.138722	7.208663	3.5180%
1801	0.134008	7.462268	3.3999%
1800	0.129601	7.715981	2.8419%
1799	0.126020	7.935259	2.7485%
1798	0.122649	8.153356	2.8261%
1797	0.119278	8.383780	3.7832%
1796	0.114930	8.700956	2.1272%
1795	0.112536	8.886043	3.0879%
1794	0.109165	9.160439	3.1625%
1793	0.105819	9.450139	3.2904%
1792	0.102448	9.761087	3.4024%
1791	0.099077	10.093195	3.2296%

1790	0.095977	10.419161	41.3145%
1780	0.067917	14.723781	29.4353%
1770	0.052472	19.057772	83.4728%
1750	0.028599	34.965835	29.2845%
1740	0.022121	45.205389	94.2514%
1720	0.011388	87.812098	85.8111%
1700	0.006129	163.164607	19.2490%
1690	0.005139	194.572243	88.0250%
1670	0.002733	365.844504	

BASE YEAR: 1870

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.804488	0.128131	8.2857%
2001	7.207314	0.138748	1.0000%
2000	7.135954	0.140135	1.0000%
1999	7.065301	0.141537	1.0000%
1998	6.995347	0.142952	1.0000%
1997	6.926087	0.144382	1.0000%
1996	6.857511	0.145825	1.0000%
1995	6.789615	0.147284	0.9992%
1994	6.722443	0.148755	1.0008%
1993	6.655833	0.150244	1.0000%
1992	6.589934	0.151747	0.9295%
1991	6.529244	0.153157	1.2505%
1990	6.448603	0.155072	0.7224%
1989	6.402350	0.156193	1.1077%
1988	6.332210	0.157923	0.8834%
1987	6.276763	0.159318	0.5594%
1986	6.241848	0.160209	1.3056%
1985	6.161403	0.162301	0.7673%
1984	6.114488	0.163546	0.8149%
1983	6.065061	0.164879	0.9737%
1982	6.006572	0.166484	0.9508%
1981	5.949999	0.168067	0.9031%
1980	5.896748	0.169585	2.2701%
1979	5.765859	0.173435	1.0042%
1978	5.708535	0.175176	0.9896%
1977	5.652596	0.176910	0.9103%
1976	5.601603	0.178520	0.8394%
1975	5.554972	0.180019	0.9042%
1974	5.505196	0.181647	1.1568%
1973	5.442241	0.183748	0.9427%
1972	5.391416	0.185480	0.7426%
1971	5.351672	0.186857	1.4697%
1970	5.274156	0.189604	0.6968%
1969	5.237659	0.190925	0.8565%
1968	5.193177	0.192560	1.5090%
1967	5.115975	0.195466	0.9949%
1966	5.065577	0.197411	1.0575%
1965	5.012571	0.199498	1.1300%
1964	4.956561	0.201753	1.5537%

1963	4.880731	0.204887	1.4658%
1962	4.810222	0.207891	1.5364%
1961	4.737435	0.211085	2.1586%
1960	4.637332	0.215641	-1.6655%
1959	4.715874	0.212050	4.3080%
1958	4.521105	0.221185	2.1130%
1957	4.427552	0.225858	1.9895%
1956	4.341185	0.230352	2.1231%
1955	4.250933	0.235242	1.4496%
1954	4.190192	0.238653	2.1573%
1953	4.101708	0.243801	1.2298%
1952	4.051879	0.246799	1.6814%
1951	3.984879	0.250949	1.6233%
1950	3.921226	0.255022	1.4265%
1949	3.866075	0.258660	1.7790%
1948	3.798499	0.263262	1.8242%
1947	3.730449	0.268064	-2.6320%
1946	3.831290	0.261009	3.1768%
1945	3.713325	0.269300	6.4754%
1944	3.487495	0.286739	-0.3437%
1943	3.499522	0.285753	0.6562%
1942	3.476707	0.287628	0.6633%
1941	3.453798	0.289536	-5.6614%
1940	3.661067	0.273144	8.0381%
1939	3.388681	0.295100	0.8126%
1938	3.361366	0.297498	0.7762%
1937	3.335474	0.299807	0.6029%
1936	3.315486	0.301615	0.5244%
1935	3.298190	0.303197	-3.0364%
1934	3.401472	0.293990	4.6271%
1933	3.251042	0.307594	1.3921%
1932	3.206405	0.311876	-0.2051%
1931	3.212994	0.311236	0.8886%
1930	3.184695	0.314002	1.0126%
1929	3.152771	0.317181	1.1526%
1928	3.116846	0.320837	1.2160%
1927	3.079401	0.324739	1.4086%
1926	3.036627	0.329313	1.7667%
1925	2.983911	0.335131	1.4465%
1924	2.941364	0.339978	1.7700%
1923	2.890208	0.345996	1.6165%
1922	2.844231	0.351589	1.3736%
1921	2.805690	0.356419	2.3393%
1920	2.741557	0.364756	1.3140%
1919	2.706000	0.369549	0.7676%
1918	2.685385	0.372386	0.3870%
1917	2.675033	0.373827	1.3274%
1916	2.639989	0.378789	1.4083%
1915	2.603327	0.384124	1.4458%
1914	2.566224	0.389678	1.9424%
1913	2.517328	0.397247	1.9857%
1912	2.468316	0.405135	1.5634%
1911	2.430320	0.411468	1.8169%

1910	2.386951	0.418945	1.8781%
1909	2.342949	0.426813	2.0082%
1908	2.296823	0.435384	1.9603%
1907	2.252665	0.443919	1.8264%
1906	2.212261	0.452026	1.9357%
1905	2.170252	0.460776	2.0148%
1904	2.127389	0.470060	2.1335%
1903	2.082949	0.480089	1.8151%
1902	2.045814	0.488803	1.8943%
1901	2.007780	0.498063	3.0255%
1900	1.948818	0.513131	0.6278%
1899	1.936659	0.516353	1.7757%
1898	1.902871	0.525522	1.8078%
1897	1.869082	0.535022	1.8396%
1896	1.835320	0.544864	1.8755%
1895	1.801531	0.555083	1.9114%
1894	1.767743	0.565693	1.9486%
1893	1.733955	0.576716	1.9858%
1892	1.700192	0.588169	2.0276%
1891	1.666404	0.600095	2.6465%
1890	1.623439	0.615976	1.5328%
1889	1.598930	0.625418	2.0811%
1888	1.566333	0.638434	2.1599%
1887	1.533218	0.652223	2.2075%
1886	1.500102	0.666621	2.2592%
1885	1.466961	0.681681	2.3095%
1884	1.433846	0.697425	2.3641%
1883	1.400731	0.713913	2.4214%
1882	1.367616	0.731200	2.4815%
1881	1.334500	0.749344	3.7644%
1880	1.286087	0.777552	0.9432%
1879	1.274070	0.784887	2.1464%
1878	1.247298	0.801733	2.1913%
1877	1.220552	0.819302	2.2426%
1876	1.193780	0.837675	2.2941%
1875	1.167008	0.856892	2.3456%
1874	1.140262	0.876991	2.4043%
1873	1.113490	0.898077	2.4635%
1872	1.086719	0.920201	2.5258%
1871	1.059947	0.943444	5.9947%
1870	1.000000	1.000000	-1.0968%
1869	1.011089	0.989032	2.1930%
1868	0.989392	1.010721	2.2394%
1867	0.967721	1.033355	2.2935%
1866	0.946024	1.057056	2.3445%
1865	0.924353	1.081838	2.4037%
1864	0.902656	1.107842	2.4599%
1863	0.880985	1.135094	2.5250%
1862	0.859288	1.163755	2.5872%
1861	0.837616	1.193864	2.9504%
1860	0.813611	1.229088	2.4012%
1859	0.794533	1.258601	2.7627%
1858	0.773172	1.293373	2.8412%

1857	0.751812	1.330120	2.9243%
1856	0.730451	1.369017	3.0161%
1855	0.709065	1.410308	3.1061%
1854	0.687704	1.454113	3.2056%
1853	0.666344	1.500726	3.3118%
1852	0.644983	1.550427	3.4252%
1851	0.623623	1.603533	4.0106%
1850	0.599576	1.667844	2.3254%
1849	0.585951	1.706628	2.7841%
1848	0.570079	1.754142	2.8590%
1847	0.554234	1.804293	2.9432%
1846	0.538388	1.857396	3.0324%
1845	0.522543	1.913720	3.1325%
1844	0.506671	1.973667	3.2284%
1843	0.490825	2.037384	3.3361%
1842	0.474980	2.105353	3.4512%
1841	0.459134	2.178012	3.8105%
1840	0.442281	2.261005	2.3861%
1839	0.431974	2.314954	2.5824%
1838	0.421100	2.374735	2.6573%
1837	0.410199	2.437840	2.7232%
1836	0.399325	2.504227	2.7994%
1835	0.388450	2.574331	2.8871%
1834	0.377550	2.648656	2.9657%
1833	0.366676	2.727206	3.0563%
1832	0.355801	2.810559	3.1604%
1831	0.344901	2.899384	3.4660%
1830	0.333347	2.999876	2.4653%
1829	0.325327	3.073832	2.6804%
1828	0.316834	3.156223	10.3427%
1827	0.287137	3.482660	-4.2314%
1826	0.299824	3.335293	2.9150%
1825	0.291331	3.432518	3.0026%
1824	0.282839	3.535582	3.0955%
1823	0.274346	3.645026	3.1944%
1822	0.265854	3.761462	3.3102%
1821	0.257336	3.885974	3.2277%
1820	0.249289	4.011403	2.6573%
1819	0.242836	4.117997	2.6261%
1818	0.236623	4.226140	2.6969%
1817	0.230409	4.340116	2.7717%
1816	0.224195	4.460411	2.8507%
1815	0.217981	4.587563	2.9343%
1814	0.211767	4.722178	3.0231%
1813	0.205553	4.864932	3.1039%
1812	0.199365	5.015934	3.2172%
1811	0.193151	5.177305	3.0969%
1810	0.187349	5.337642	2.9144%
1809	0.182043	5.493201	2.8225%
1808	0.177046	5.648244	2.9199%
1807	0.172023	5.813169	2.9918%
1806	0.167026	5.987086	3.0841%
1805	0.162029	6.171731	3.1822%

1804	0.157032	6.368128	3.2868%
1803	0.152035	6.577434	3.3985%
1802	0.147038	6.800968	3.5180%
1801	0.142041	7.040229	3.3999%
1800	0.137370	7.279593	2.8419%
1799	0.133574	7.486469	2.7485%
1798	0.130001	7.692232	2.8261%
1797	0.126428	7.909624	3.7832%
1796	0.121820	8.208862	2.1272%
1795	0.119282	8.383481	3.0879%
1794	0.115709	8.642357	3.1625%
1793	0.112162	8.915673	3.2904%
1792	0.108589	9.209036	3.4024%
1791	0.105016	9.522361	3.2296%
1790	0.101731	9.829891	41.3145%
1780	0.071989	13.891057	29.4353%
1770	0.055618	17.979933	83.4728%
1750	0.030314	32.988294	29.2845%
1740	0.023447	42.648736	94.2514%
1720	0.012071	82.845764	85.8111%
1700	0.006496	153.936608	19.2490%
1690	0.005448	183.567942	88.0250%
1670	0.002897	345.153664	

BASE YEAR: 1869

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.718889	0.129552	8.2857%
2001	7.128266	0.140287	1.0000%
2000	7.057688	0.141689	1.0000%
1999	6.987810	0.143106	1.0000%
1998	6.918624	0.144537	1.0000%
1997	6.850122	0.145983	1.0000%
1996	6.782299	0.147443	1.0000%
1995	6.715148	0.148917	0.9992%
1994	6.648713	0.150405	1.0008%
1993	6.582833	0.151910	1.0000%
1992	6.517656	0.153429	0.9295%
1991	6.457632	0.154856	1.2505%
1990	6.377876	0.156792	0.7224%
1989	6.332130	0.157925	1.1077%
1988	6.262759	0.159674	0.8834%
1987	6.207920	0.161085	0.5594%
1986	6.173389	0.161986	1.3056%
1985	6.093826	0.164101	0.7673%
1984	6.047425	0.165360	0.8149%
1983	5.998540	0.166707	0.9737%
1982	5.940693	0.168331	0.9508%
1981	5.884740	0.169931	0.9031%
1980	5.832073	0.171466	2.2701%
1979	5.702620	0.175358	1.0042%
1978	5.645925	0.177119	0.9896%

1977	5.590599	0.178872	0.9103%
1976	5.540165	0.180500	0.8394%
1975	5.494046	0.182015	0.9042%
1974	5.444816	0.183661	1.1568%
1973	5.382551	0.185786	0.9427%
1972	5.332283	0.187537	0.7426%
1971	5.292976	0.188930	1.4697%
1970	5.216310	0.191706	0.6968%
1969	5.180213	0.193042	0.8565%
1968	5.136219	0.194696	1.5090%
1967	5.059864	0.197634	0.9949%
1966	5.010019	0.199600	1.0575%
1965	4.957594	0.201711	1.1300%
1964	4.902198	0.203990	1.5537%
1963	4.827200	0.207159	1.4658%
1962	4.757465	0.210196	1.5364%
1961	4.685475	0.213426	2.1586%
1960	4.586470	0.218033	-1.6655%
1959	4.664151	0.214401	4.3080%
1958	4.471518	0.223638	2.1130%
1957	4.378992	0.228363	1.9895%
1956	4.293571	0.232906	2.1231%
1955	4.204310	0.237851	1.4496%
1954	4.144234	0.241299	2.1573%
1953	4.056721	0.246505	1.2298%
1952	4.007439	0.249536	1.6814%
1951	3.941173	0.253732	1.6233%
1950	3.878219	0.257850	1.4265%
1949	3.823673	0.261529	1.7790%
1948	3.756837	0.266181	1.8242%
1947	3.689534	0.271037	-2.6320%
1946	3.789269	0.263903	3.1768%
1945	3.672598	0.272287	6.4754%
1944	3.449245	0.289919	-0.3437%
1943	3.461140	0.288922	0.6562%
1942	3.438575	0.290818	0.6633%
1941	3.415918	0.292747	-5.6614%
1940	3.620913	0.276173	8.0381%
1939	3.351515	0.298373	0.8126%
1938	3.324499	0.300797	0.7762%
1937	3.298891	0.303132	0.6029%
1936	3.279122	0.304960	0.5244%
1935	3.262016	0.306559	-3.0364%
1934	3.364165	0.297251	4.6271%
1933	3.215385	0.311005	1.3921%
1932	3.171238	0.315334	-0.2051%
1931	3.177755	0.314688	0.8886%
1930	3.149766	0.317484	1.0126%
1929	3.118192	0.320699	1.1526%
1928	3.082661	0.324395	1.2160%
1927	3.045626	0.328340	1.4086%
1926	3.003322	0.332965	1.7667%
1925	2.951184	0.338847	1.4465%

1924	2.909104	0.343749	1.7700%
1923	2.858509	0.349833	1.6165%
1922	2.813035	0.355488	1.3736%
1921	2.774918	0.360371	2.3393%
1920	2.711488	0.368801	1.3140%
1919	2.676321	0.373647	0.7676%
1918	2.655933	0.376516	0.3870%
1917	2.645694	0.377973	1.3274%
1916	2.611034	0.382990	1.4083%
1915	2.574774	0.388384	1.4458%
1914	2.538078	0.393999	1.9424%
1913	2.489719	0.401652	1.9857%
1912	2.441244	0.409627	1.5634%
1911	2.403664	0.416031	1.8169%
1910	2.360771	0.423590	1.8781%
1909	2.317252	0.431546	2.0082%
1908	2.271632	0.440212	1.9603%
1907	2.227958	0.448841	1.8264%
1906	2.187998	0.457039	1.9357%
1905	2.146450	0.465886	2.0148%
1904	2.104056	0.475272	2.1335%
1903	2.060103	0.485413	1.8151%
1902	2.023376	0.494223	1.8943%
1901	1.985759	0.503586	3.0255%
1900	1.927444	0.518822	0.6278%
1899	1.915418	0.522079	1.7757%
1898	1.882000	0.531349	1.8078%
1897	1.848583	0.540955	1.8396%
1896	1.815190	0.550906	1.8755%
1895	1.781773	0.561239	1.9114%
1894	1.748355	0.571966	1.9486%
1893	1.714937	0.583112	1.9858%
1892	1.681545	0.594691	2.0276%
1891	1.648127	0.606749	2.6465%
1890	1.605633	0.622807	1.5328%
1889	1.581394	0.632354	2.0811%
1888	1.549154	0.645514	2.1599%
1887	1.516402	0.659456	2.2075%
1886	1.483650	0.674014	2.2592%
1885	1.450872	0.689241	2.3095%
1884	1.418120	0.705159	2.3641%
1883	1.385368	0.721830	2.4214%
1882	1.352616	0.739308	2.4815%
1881	1.319864	0.757654	3.7644%
1880	1.271981	0.786175	0.9432%
1879	1.260096	0.793590	2.1464%
1878	1.233618	0.810624	2.1913%
1877	1.207165	0.828387	2.2426%
1876	1.180687	0.846965	2.2941%
1875	1.154209	0.866395	2.3456%
1874	1.127756	0.886717	2.4043%
1873	1.101278	0.908036	2.4635%
1872	1.074800	0.930406	2.5258%

1871	1.048321	0.953906	5.9947%
1870	0.989032	1.011089	-1.0968%
1869	1.000000	1.000000	2.1930%
1868	0.978541	1.021930	2.2394%
1867	0.957107	1.044815	2.2935%
1866	0.935648	1.068778	2.3445%
1865	0.914215	1.093835	2.4037%
1864	0.892756	1.120127	2.4599%
1863	0.871322	1.147681	2.5250%
1862	0.849863	1.176660	2.5872%
1861	0.828429	1.207103	2.9504%
1860	0.804688	1.242718	2.4012%
1859	0.785819	1.272558	2.7627%
1858	0.764692	1.307715	2.8412%
1857	0.743566	1.344870	2.9243%
1856	0.722440	1.384198	3.0161%
1855	0.701288	1.425948	3.1061%
1854	0.680162	1.470238	3.2056%
1853	0.659036	1.517369	3.3118%
1852	0.637909	1.567621	3.4252%
1851	0.616783	1.621315	4.0106%
1850	0.593000	1.686340	2.3254%
1849	0.579524	1.725553	2.7841%
1848	0.563827	1.773594	2.8590%
1847	0.548155	1.824302	2.9432%
1846	0.532483	1.877994	3.0324%
1845	0.516811	1.934942	3.1325%
1844	0.501114	1.995554	3.2284%
1843	0.485442	2.059978	3.3361%
1842	0.469770	2.128700	3.4512%
1841	0.454098	2.202165	3.8105%
1840	0.437430	2.286079	2.3861%
1839	0.427236	2.340626	2.5824%
1838	0.416481	2.401070	2.6573%
1837	0.405700	2.464874	2.7232%
1836	0.394945	2.531998	2.7994%
1835	0.384190	2.602879	2.8871%
1834	0.373409	2.678028	2.9657%
1833	0.362654	2.757450	3.0563%
1832	0.351899	2.841726	3.1604%
1831	0.341118	2.931537	3.4660%
1830	0.329691	3.033143	2.4653%
1829	0.321759	3.107919	2.6804%
1828	0.313359	3.191223	10.3427%
1827	0.283988	3.521280	-4.2314%
1826	0.296535	3.372280	2.9150%
1825	0.288136	3.470583	3.0026%
1824	0.279737	3.574789	3.0955%
1823	0.271337	3.685447	3.1944%
1822	0.262938	3.803175	3.3102%
1821	0.254513	3.929067	3.2277%
1820	0.246555	4.055887	2.6573%
1819	0.240173	4.163664	2.6261%

1818	0.234027	4.273006	2.6969%
1817	0.227881	4.388246	2.7717%
1816	0.221736	4.509874	2.8507%
1815	0.215590	4.638437	2.9343%
1814	0.209444	4.774545	3.0231%
1813	0.203298	4.918881	3.1039%
1812	0.197178	5.071558	3.2172%
1811	0.191032	5.234718	3.0969%
1810	0.185294	5.396833	2.9144%
1809	0.180047	5.554117	2.8225%
1808	0.175104	5.710880	2.9199%
1807	0.170136	5.877634	2.9918%
1806	0.165194	6.053480	3.0841%
1805	0.160252	6.240173	3.1822%
1804	0.155310	6.438747	3.2868%
1803	0.150367	6.650375	3.3985%
1802	0.145425	6.876387	3.5180%
1801	0.140483	7.118301	3.3999%
1800	0.135864	7.360320	2.8419%
1799	0.132109	7.569490	2.7485%
1798	0.128575	7.777534	2.8261%
1797	0.125042	7.997338	3.7832%
1796	0.120483	8.299894	2.1272%
1795	0.117974	8.476449	3.0879%
1794	0.114440	8.738196	3.1625%
1793	0.110932	9.014543	3.2904%
1792	0.107398	9.311159	3.4024%
1791	0.103864	9.627959	3.2296%
1790	0.100615	9.938900	41.3145%
1780	0.071199	14.045101	29.4353%
1770	0.055008	18.179321	83.4728%
1750	0.029981	33.354117	29.2845%
1740	0.023190	43.121687	94.2514%
1720	0.011938	83.764479	85.8111%
1700	0.006425	155.643683	19.2490%
1690	0.005388	185.603612	88.0250%
1670	0.002865	348.981233	

BASE YEAR: 1868

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	7.888162	0.126772	8.2857%
2001	7.284586	0.137276	1.0000%
2000	7.212461	0.138649	1.0000%
1999	7.141050	0.140035	1.0000%
1998	7.070347	0.141436	1.0000%
1997	7.000344	0.142850	1.0000%
1996	6.931033	0.144279	1.0000%
1995	6.862409	0.145721	0.9992%
1994	6.794517	0.147177	1.0008%
1993	6.727193	0.148650	1.0000%
1992	6.660587	0.150137	0.9295%

1991	6.599246	0.151532	1.2505%
1990	6.517741	0.153427	0.7224%
1989	6.470992	0.154536	1.1077%
1988	6.400099	0.156248	0.8834%
1987	6.344058	0.157628	0.5594%
1986	6.308769	0.158510	1.3056%
1985	6.227462	0.160579	0.7673%
1984	6.180043	0.161811	0.8149%
1983	6.130087	0.163130	0.9737%
1982	6.070971	0.164718	0.9508%
1981	6.013791	0.166284	0.9031%
1980	5.959969	0.167786	2.2701%
1979	5.827676	0.171595	1.0042%
1978	5.769738	0.173318	0.9896%
1977	5.713200	0.175033	0.9103%
1976	5.661660	0.176627	0.8394%
1975	5.614529	0.178109	0.9042%
1974	5.564219	0.179720	1.1568%
1973	5.500589	0.181799	0.9427%
1972	5.449219	0.183513	0.7426%
1971	5.409049	0.184875	1.4697%
1970	5.330702	0.187593	0.6968%
1969	5.293814	0.188900	0.8565%
1968	5.248855	0.190518	1.5090%
1967	5.170825	0.193393	0.9949%
1966	5.119887	0.195317	1.0575%
1965	5.066313	0.197382	1.1300%
1964	5.009702	0.199613	1.5537%
1963	4.933059	0.202714	1.4658%
1962	4.861794	0.205685	1.5364%
1961	4.788227	0.208846	2.1586%
1960	4.687050	0.213354	-1.6655%
1959	4.766434	0.209800	4.3080%
1958	4.569577	0.218839	2.1130%
1957	4.475022	0.223463	1.9895%
1956	4.387728	0.227908	2.1231%
1955	4.296509	0.232747	1.4496%
1954	4.235116	0.236121	2.1573%
1953	4.145683	0.241215	1.2298%
1952	4.095321	0.244181	1.6814%
1951	4.027602	0.248287	1.6233%
1950	3.963267	0.252317	1.4265%
1949	3.907525	0.255916	1.7790%
1948	3.839224	0.260469	1.8242%
1947	3.770445	0.265221	-2.6320%
1946	3.872367	0.258240	3.1768%
1945	3.753137	0.266444	6.4754%
1944	3.524886	0.283697	-0.3437%
1943	3.537042	0.282722	0.6562%
1942	3.513982	0.284577	0.6633%
1941	3.490828	0.286465	-5.6614%
1940	3.700319	0.270247	8.0381%
1939	3.425012	0.291970	0.8126%

1938	3.397404	0.294342	0.7762%
1937	3.371235	0.296627	0.6029%
1936	3.351032	0.298415	0.5244%
1935	3.333551	0.299980	-3.0364%
1934	3.437940	0.290872	4.6271%
1933	3.285897	0.304331	1.3921%
1932	3.240782	0.308568	-0.2051%
1931	3.247442	0.307935	0.8886%
1930	3.218839	0.310671	1.0126%
1929	3.186573	0.313817	1.1526%
1928	3.150263	0.317434	1.2160%
1927	3.112416	0.321294	1.4086%
1926	3.069184	0.325820	1.7667%
1925	3.015902	0.331576	1.4465%
1924	2.972899	0.336372	1.7700%
1923	2.921195	0.342326	1.6165%
1922	2.874725	0.347859	1.3736%
1921	2.835771	0.352638	2.3393%
1920	2.770950	0.360887	1.3140%
1919	2.735012	0.365629	0.7676%
1918	2.714176	0.368436	0.3870%
1917	2.703713	0.369862	1.3274%
1916	2.668294	0.374771	1.4083%
1915	2.631238	0.380049	1.4458%
1914	2.593738	0.385544	1.9424%
1913	2.544317	0.393033	1.9857%
1912	2.494779	0.400837	1.5634%
1911	2.456376	0.407104	1.8169%
1910	2.412542	0.414501	1.8781%
1909	2.368068	0.422285	2.0082%
1908	2.321448	0.430766	1.9603%
1907	2.276817	0.439210	1.8264%
1906	2.235980	0.447231	1.9357%
1905	2.193521	0.455888	2.0148%
1904	2.150198	0.465074	2.1335%
1903	2.105281	0.474996	1.8151%
1902	2.067748	0.483618	1.8943%
1901	2.029306	0.492779	3.0255%
1900	1.969712	0.507688	0.6278%
1899	1.957423	0.510876	1.7757%
1898	1.923272	0.519947	1.8078%
1897	1.889122	0.529347	1.8396%
1896	1.854997	0.539084	1.8755%
1895	1.820846	0.549195	1.9114%
1894	1.786696	0.559692	1.9486%
1893	1.752545	0.570599	1.9858%
1892	1.718420	0.581930	2.0276%
1891	1.684270	0.593729	2.6465%
1890	1.640845	0.609442	1.5328%
1889	1.616073	0.618784	2.0811%
1888	1.583126	0.631662	2.1599%
1887	1.549656	0.645305	2.2075%
1886	1.516186	0.659550	2.2592%

1885	1.482689	0.674450	2.3095%
1884	1.449219	0.690027	2.3641%
1883	1.415749	0.706340	2.4214%
1882	1.382278	0.723443	2.4815%
1881	1.348808	0.741395	3.7644%
1880	1.299876	0.769304	0.9432%
1879	1.287729	0.776561	2.1464%
1878	1.260670	0.793229	2.1913%
1877	1.233638	0.810611	2.2426%
1876	1.206579	0.828790	2.2941%
1875	1.179520	0.847802	2.3456%
1874	1.152487	0.867688	2.4043%
1873	1.125429	0.888550	2.4635%
1872	1.098370	0.910440	2.5258%
1871	1.071311	0.933436	5.9947%
1870	1.010721	0.989392	-1.0968%
1869	1.021930	0.978541	2.1930%
1868	1.000000	1.000000	2.2394%
1867	0.978096	1.022394	2.2935%
1866	0.956167	1.045843	2.3445%
1865	0.934263	1.070362	2.4037%
1864	0.912333	1.096090	2.4599%
1863	0.890430	1.123053	2.5250%
1862	0.868500	1.151410	2.5872%
1861	0.846597	1.181200	2.9504%
1860	0.822334	1.216050	2.4012%
1859	0.803051	1.245250	2.7627%
1858	0.781462	1.279653	2.8412%
1857	0.759872	1.316011	2.9243%
1856	0.738283	1.354495	3.0161%
1855	0.716667	1.395348	3.1061%
1854	0.695078	1.438688	3.2056%
1853	0.673488	1.484807	3.3118%
1852	0.651899	1.533981	3.4252%
1851	0.630309	1.586523	4.0106%
1850	0.606005	1.650152	2.3254%
1849	0.592233	1.688525	2.7841%
1848	0.576191	1.735535	2.8590%
1847	0.560176	1.785154	2.9432%
1846	0.544160	1.837694	3.0324%
1845	0.528145	1.893420	3.1325%
1844	0.512103	1.952731	3.2284%
1843	0.496088	2.015773	3.3361%
1842	0.480072	2.083020	3.4512%
1841	0.464057	2.154909	3.8105%
1840	0.447023	2.237021	2.3861%
1839	0.436605	2.290398	2.5824%
1838	0.425614	2.349545	2.6573%
1837	0.414597	2.411980	2.7232%
1836	0.403606	2.477663	2.7994%
1835	0.392615	2.547024	2.8871%
1834	0.381598	2.620560	2.9657%
1833	0.370607	2.698277	3.0563%

1832	0.359616	2.780745	3.1604%
1831	0.348599	2.868628	3.4660%
1830	0.336921	2.968054	2.4653%
1829	0.328815	3.041226	2.6804%
1828	0.320231	3.122743	10.3427%
1827	0.290215	3.445717	-4.2314%
1826	0.303038	3.299914	2.9150%
1825	0.294455	3.396107	3.0026%
1824	0.285871	3.498078	3.0955%
1823	0.277288	3.606361	3.1944%
1822	0.268704	3.721562	3.3102%
1821	0.260095	3.844753	3.2277%
1820	0.251962	3.968852	2.6573%
1819	0.245440	4.074315	2.6261%
1818	0.239159	4.181311	2.6969%
1817	0.232879	4.294078	2.7717%
1816	0.226598	4.413096	2.8507%
1815	0.220318	4.538900	2.9343%
1814	0.214037	4.672087	3.0231%
1813	0.207757	4.813327	3.1039%
1812	0.201502	4.962727	3.2172%
1811	0.195222	5.122386	3.0969%
1810	0.189357	5.281022	2.9144%
1809	0.183995	5.434931	2.8225%
1808	0.178944	5.588330	2.9199%
1807	0.173868	5.751505	2.9918%
1806	0.168817	5.923578	3.0841%
1805	0.163766	6.106264	3.1822%
1804	0.158716	6.300577	3.2868%
1803	0.153665	6.507663	3.3985%
1802	0.148614	6.728825	3.5180%
1801	0.143564	6.965549	3.3999%
1800	0.138843	7.202374	2.8419%
1799	0.135006	7.407056	2.7485%
1798	0.131395	7.610635	2.8261%
1797	0.127784	7.825722	3.7832%
1796	0.123126	8.121785	2.1272%
1795	0.120561	8.294552	3.0879%
1794	0.116950	8.550682	3.1625%
1793	0.113365	8.821099	3.2904%
1792	0.109753	9.111350	3.4024%
1791	0.106142	9.421351	3.2296%
1790	0.102821	9.725620	41.3145%
1780	0.072761	13.743706	29.4353%
1770	0.056214	17.789209	83.4728%
1750	0.030639	32.638367	29.2845%
1740	0.023699	42.196334	94.2514%
1720	0.012200	81.966967	85.8111%
1700	0.006566	152.303707	19.2490%
1690	0.005506	181.620722	88.0250%
1670	0.002928	341.492404	

BASE YEAR: 1867

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	8.064810	0.123995	8.2857%
2001	7.447718	0.134269	1.0000%
2000	7.373977	0.135612	1.0000%
1999	7.300968	0.136968	1.0000%
1998	7.228681	0.138338	1.0000%
1997	7.157110	0.139721	1.0000%
1996	7.086247	0.141118	1.0000%
1995	7.016086	0.142530	0.9992%
1994	6.946674	0.143954	1.0008%
1993	6.877842	0.145394	1.0000%
1992	6.809744	0.146848	0.9295%
1991	6.747030	0.148213	1.2505%
1990	6.663700	0.150067	0.7224%
1989	6.615903	0.151151	1.1077%
1988	6.543424	0.152825	0.8834%
1987	6.486127	0.154175	0.5594%
1986	6.450048	0.155038	1.3056%
1985	6.366920	0.157062	0.7673%
1984	6.318440	0.158267	0.8149%
1983	6.267364	0.159557	0.9737%
1982	6.206924	0.161110	0.9508%
1981	6.148464	0.162642	0.9031%
1980	6.093437	0.164111	2.2701%
1979	5.958182	0.167836	1.0042%
1978	5.898946	0.169522	0.9896%
1977	5.841141	0.171199	0.9103%
1976	5.788447	0.172758	0.8394%
1975	5.740261	0.174208	0.9042%
1974	5.688824	0.175783	1.1568%
1973	5.623769	0.177817	0.9427%
1972	5.571249	0.179493	0.7426%
1971	5.530180	0.180826	1.4697%
1970	5.450078	0.183484	0.6968%
1969	5.412364	0.184762	0.8565%
1968	5.366398	0.186345	1.5090%
1967	5.286621	0.189157	0.9949%
1966	5.234542	0.191039	1.0575%
1965	5.179768	0.193059	1.1300%
1964	5.121890	0.195240	1.5537%
1963	5.043531	0.198274	1.4658%
1962	4.970670	0.201180	1.5364%
1961	4.895454	0.204271	2.1586%
1960	4.792012	0.208681	-1.6655%
1959	4.873174	0.205205	4.3080%
1958	4.671908	0.214045	2.1130%
1957	4.575235	0.218568	1.9895%
1956	4.485987	0.222916	2.1231%
1955	4.392725	0.227649	1.4496%
1954	4.329958	0.230949	2.1573%
1953	4.238522	0.235931	1.2298%

1952	4.187032	0.238833	1.6814%
1951	4.117796	0.242848	1.6233%
1950	4.052021	0.246790	1.4265%
1949	3.995030	0.250311	1.7790%
1948	3.925199	0.254764	1.8242%
1947	3.854880	0.259411	-2.6320%
1946	3.959085	0.252584	3.1768%
1945	3.837185	0.260608	6.4754%
1944	3.603822	0.277483	-0.3437%
1943	3.616251	0.276530	0.6562%
1942	3.592675	0.278344	0.6633%
1941	3.569001	0.280190	-5.6614%
1940	3.783184	0.264328	8.0381%
1939	3.501712	0.285575	0.8126%
1938	3.473486	0.287895	0.7762%
1937	3.446731	0.290130	0.6029%
1936	3.426076	0.291879	0.5244%
1935	3.408203	0.293410	-3.0364%
1934	3.514929	0.284501	4.6271%
1933	3.359482	0.297665	1.3921%
1932	3.313356	0.301809	-0.2051%
1931	3.320165	0.301190	0.8886%
1930	3.290922	0.303866	1.0126%
1929	3.257933	0.306943	1.1526%
1928	3.220810	0.310481	1.2160%
1927	3.182116	0.314256	1.4086%
1926	3.137915	0.318683	1.7667%
1925	3.083441	0.324313	1.4465%
1924	3.039475	0.329004	1.7700%
1923	2.986612	0.334828	1.6165%
1922	2.939101	0.340240	1.3736%
1921	2.899275	0.344914	2.3393%
1920	2.833003	0.352982	1.3140%
1919	2.796260	0.357621	0.7676%
1918	2.774958	0.360366	0.3870%
1917	2.764260	0.361760	1.3274%
1916	2.728047	0.366563	1.4083%
1915	2.690162	0.371725	1.4458%
1914	2.651822	0.377099	1.9424%
1913	2.601295	0.384424	1.9857%
1912	2.550647	0.392057	1.5634%
1911	2.511384	0.398187	1.8169%
1910	2.466569	0.405421	1.8781%
1909	2.421099	0.413036	2.0082%
1908	2.373435	0.421330	1.9603%
1907	2.327804	0.429589	1.8264%
1906	2.286053	0.437435	1.9357%
1905	2.242642	0.445903	2.0148%
1904	2.198349	0.454887	2.1335%
1903	2.152427	0.464592	1.8151%
1902	2.114053	0.473025	1.8943%
1901	2.074750	0.481986	3.0255%
1900	2.013822	0.496568	0.6278%

1899	2.001257	0.499686	1.7757%
1898	1.966342	0.508559	1.8078%
1897	1.931427	0.517752	1.8396%
1896	1.896538	0.527277	1.8755%
1895	1.861622	0.537166	1.9114%
1894	1.826707	0.547433	1.9486%
1893	1.791792	0.558101	1.9858%
1892	1.756903	0.569183	2.0276%
1891	1.721987	0.580724	2.6465%
1890	1.677590	0.596093	1.5328%
1889	1.652263	0.605230	2.0811%
1888	1.618579	0.617826	2.1599%
1887	1.584359	0.631170	2.2075%
1886	1.550139	0.645103	2.2592%
1885	1.515893	0.659677	2.3095%
1884	1.481673	0.674913	2.3641%
1883	1.447453	0.690869	2.4214%
1882	1.413233	0.707597	2.4815%
1881	1.379013	0.725156	3.7644%
1880	1.328985	0.752454	0.9432%
1879	1.316567	0.759551	2.1464%
1878	1.288902	0.775854	2.1913%
1877	1.261264	0.792855	2.2426%
1876	1.233599	0.810636	2.2941%
1875	1.205934	0.829233	2.3456%
1874	1.178296	0.848683	2.4043%
1873	1.150631	0.869088	2.4635%
1872	1.122967	0.890498	2.5258%
1871	1.095302	0.912990	5.9947%
1870	1.033355	0.967721	-1.0968%
1869	1.044815	0.957107	2.1930%
1868	1.022394	0.978096	2.2394%
1867	1.000000	1.000000	2.2935%
1866	0.977579	1.022935	2.3445%
1865	0.955185	1.046917	2.4037%
1864	0.932764	1.072082	2.4599%
1863	0.910370	1.098454	2.5250%
1862	0.887949	1.126190	2.5872%
1861	0.865555	1.155328	2.9504%
1860	0.840750	1.189414	2.4012%
1859	0.821035	1.217975	2.7627%
1858	0.798962	1.251624	2.8412%
1857	0.776889	1.287185	2.9243%
1856	0.754816	1.324826	3.0161%
1855	0.732716	1.364785	3.1061%
1854	0.710643	1.407176	3.2056%
1853	0.688570	1.452285	3.3118%
1852	0.666497	1.500381	3.4252%
1851	0.644424	1.551773	4.0106%
1850	0.619576	1.614008	2.3254%
1849	0.605496	1.651540	2.7841%
1848	0.589095	1.697520	2.8590%
1847	0.572720	1.746053	2.9432%

1846	0.556346	1.797442	3.0324%
1845	0.539972	1.851947	3.1325%
1844	0.523571	1.909960	3.2284%
1843	0.507197	1.971620	3.3361%
1842	0.490823	2.037394	3.4512%
1841	0.474449	2.107709	3.8105%
1840	0.457034	2.188023	2.3861%
1839	0.446383	2.240230	2.5824%
1838	0.435146	2.298082	2.6573%
1837	0.423882	2.359149	2.7232%
1836	0.412644	2.423394	2.7994%
1835	0.401407	2.491235	2.8871%
1834	0.390143	2.563160	2.9657%
1833	0.378906	2.639175	3.0563%
1832	0.367669	2.719837	3.1604%
1831	0.356405	2.805795	3.4660%
1830	0.344466	2.903043	2.4653%
1829	0.336178	2.974612	2.6804%
1828	0.327403	3.054343	10.3427%
1827	0.296714	3.370243	-4.2314%
1826	0.309824	3.227634	2.9150%
1825	0.301049	3.321721	3.0026%
1824	0.292273	3.421457	3.0955%
1823	0.283497	3.527369	3.1944%
1822	0.274722	3.640047	3.3102%
1821	0.265919	3.760539	3.2277%
1820	0.257605	3.881920	2.6573%
1819	0.250936	3.985073	2.6261%
1818	0.244515	4.089725	2.6969%
1817	0.238094	4.200022	2.7717%
1816	0.231673	4.316434	2.8507%
1815	0.225251	4.439482	2.9343%
1814	0.218830	4.569752	3.0231%
1813	0.212409	4.707898	3.1039%
1812	0.206015	4.854026	3.2172%
1811	0.199593	5.010188	3.0969%
1810	0.193598	5.165349	2.9144%
1809	0.188115	5.315887	2.8225%
1808	0.182952	5.465926	2.9199%
1807	0.177761	5.625527	2.9918%
1806	0.172597	5.793830	3.0841%
1805	0.167434	5.972515	3.1822%
1804	0.162270	6.162572	3.2868%
1803	0.157106	6.365123	3.3985%
1802	0.151942	6.581440	3.5180%
1801	0.146779	6.812978	3.3999%
1800	0.141952	7.044616	2.8419%
1799	0.138030	7.244815	2.7485%
1798	0.134338	7.443935	2.8261%
1797	0.130645	7.654311	3.7832%
1796	0.125883	7.943889	2.1272%
1795	0.123261	8.112872	3.0879%
1794	0.119569	8.363392	3.1625%

1793	0.115903	8.627886	3.2904%
1792	0.112211	8.911779	3.4024%
1791	0.108519	9.214990	3.2296%
1790	0.105124	9.512594	41.3145%
1780	0.074390	13.442670	29.4353%
1770	0.057473	17.399562	83.4728%
1750	0.031325	31.923471	29.2845%
1740	0.024229	41.272085	94.2514%
1720	0.012473	80.171600	85.8111%
1700	0.006713	148.967716	19.2490%
1690	0.005629	177.642586	88.0250%
1670	0.002994	334.012511	

BASE YEAR: 1866

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	8.249777	0.121215	8.2857%
2001	7.618531	0.131259	1.0000%
2000	7.543100	0.132571	1.0000%
1999	7.468415	0.133897	1.0000%
1998	7.394471	0.135236	1.0000%
1997	7.321258	0.136589	1.0000%
1996	7.248770	0.137954	1.0000%
1995	7.177000	0.139334	0.9992%
1994	7.105996	0.140726	1.0008%
1993	7.035585	0.142135	1.0000%
1992	6.965926	0.143556	0.9295%
1991	6.901773	0.144890	1.2505%
1990	6.816532	0.146702	0.7224%
1989	6.767639	0.147762	1.1077%
1988	6.693497	0.149399	0.8834%
1987	6.634887	0.150718	0.5594%
1986	6.597980	0.151562	1.3056%
1985	6.512945	0.153540	0.7673%
1984	6.463353	0.154718	0.8149%
1983	6.411106	0.155979	0.9737%
1982	6.349280	0.157498	0.9508%
1981	6.289479	0.158996	0.9031%
1980	6.233190	0.160432	2.2701%
1979	6.094833	0.164073	1.0042%
1978	6.034238	0.165721	0.9896%
1977	5.975108	0.167361	0.9103%
1976	5.921205	0.168885	0.8394%
1975	5.871914	0.170302	0.9042%
1974	5.819298	0.171842	1.1568%
1973	5.752751	0.173830	0.9427%
1972	5.699026	0.175469	0.7426%
1971	5.657015	0.176772	1.4697%
1970	5.575076	0.179370	0.6968%
1969	5.536496	0.180620	0.8565%
1968	5.489477	0.182167	1.5090%
1967	5.407870	0.184916	0.9949%

1966	5.354597	0.186755	1.0575%
1965	5.298566	0.188730	1.1300%
1964	5.239360	0.190863	1.5537%
1963	5.159204	0.193828	1.4658%
1962	5.084672	0.196670	1.5364%
1961	5.007732	0.199691	2.1586%
1960	4.901917	0.204002	-1.6655%
1959	4.984940	0.200604	4.3080%
1958	4.779059	0.209246	2.1130%
1957	4.680169	0.213668	1.9895%
1956	4.588873	0.217918	2.1231%
1955	4.493473	0.222545	1.4496%
1954	4.429265	0.225771	2.1573%
1953	4.335733	0.230642	1.2298%
1952	4.283061	0.233478	1.6814%
1951	4.212238	0.237403	1.6233%
1950	4.144954	0.241257	1.4265%
1949	4.086656	0.244699	1.7790%
1948	4.015224	0.249052	1.8242%
1947	3.943292	0.253595	-2.6320%
1946	4.049886	0.246921	3.1768%
1945	3.925191	0.254765	6.4754%
1944	3.686476	0.271262	-0.3437%
1943	3.699189	0.270329	0.6562%
1942	3.675073	0.272103	0.6633%
1941	3.650857	0.273908	-5.6614%
1940	3.869951	0.258401	8.0381%
1939	3.582024	0.279172	0.8126%
1938	3.553150	0.281440	0.7762%
1937	3.525781	0.283625	0.6029%
1936	3.504653	0.285335	0.5244%
1935	3.486370	0.286831	-3.0364%
1934	3.595544	0.278122	4.6271%
1933	3.436532	0.290991	1.3921%
1932	3.389348	0.295042	-0.2051%
1931	3.396313	0.294437	0.8886%
1930	3.366400	0.297053	1.0126%
1929	3.332654	0.300061	1.1526%
1928	3.294680	0.303520	1.2160%
1927	3.255097	0.307210	1.4086%
1926	3.209884	0.311538	1.7667%
1925	3.154160	0.317042	1.4465%
1924	3.109185	0.321628	1.7700%
1923	3.055110	0.327320	1.6165%
1922	3.006510	0.332612	1.3736%
1921	2.965770	0.337181	2.3393%
1920	2.897978	0.345068	1.3140%
1919	2.860392	0.349602	0.7676%
1918	2.838602	0.352286	0.3870%
1917	2.827659	0.353649	1.3274%
1916	2.790615	0.358344	1.4083%
1915	2.751861	0.363390	1.4458%
1914	2.712642	0.368644	1.9424%

1913	2.660956	0.375805	1.9857%
1912	2.609147	0.383267	1.5634%
1911	2.568983	0.389259	1.8169%
1910	2.523140	0.396332	1.8781%
1909	2.476627	0.403775	2.0082%
1908	2.427870	0.411884	1.9603%
1907	2.381192	0.419958	1.8264%
1906	2.338483	0.427628	1.9357%
1905	2.294077	0.435905	2.0148%
1904	2.248768	0.444688	2.1335%
1903	2.201793	0.454175	1.8151%
1902	2.162539	0.462419	1.8943%
1901	2.122335	0.471179	3.0255%
1900	2.060009	0.485435	0.6278%
1899	2.047156	0.488482	1.7757%
1898	2.011440	0.497156	1.8078%
1897	1.975724	0.506144	1.8396%
1896	1.940035	0.515455	1.8755%
1895	1.904319	0.525122	1.9114%
1894	1.868603	0.535159	1.9486%
1893	1.832886	0.545588	1.9858%
1892	1.797197	0.556422	2.0276%
1891	1.761481	0.567704	2.6465%
1890	1.716065	0.582728	1.5328%
1889	1.690158	0.591661	2.0811%
1888	1.655701	0.603974	2.1599%
1887	1.620696	0.617019	2.2075%
1886	1.585692	0.630640	2.2592%
1885	1.550660	0.644887	2.3095%
1884	1.515655	0.659781	2.3641%
1883	1.480650	0.675379	2.4214%
1882	1.445646	0.691732	2.4815%
1881	1.410641	0.708898	3.7644%
1880	1.359465	0.735583	0.9432%
1879	1.346762	0.742522	2.1464%
1878	1.318463	0.758459	2.1913%
1877	1.290191	0.775079	2.2426%
1876	1.261892	0.792461	2.2941%
1875	1.233592	0.810641	2.3456%
1874	1.205320	0.829655	2.4043%
1873	1.177021	0.849602	2.4635%
1872	1.148722	0.870533	2.5258%
1871	1.120423	0.892520	5.9947%
1870	1.057056	0.946024	-1.0968%
1869	1.068778	0.935648	2.1930%
1868	1.045843	0.956167	2.2394%
1867	1.022935	0.977579	2.2935%
1866	1.000000	1.000000	2.3445%
1865	0.977092	1.023445	2.4037%
1864	0.954157	1.048045	2.4599%
1863	0.931250	1.073826	2.5250%
1862	0.908315	1.100940	2.5872%
1861	0.885407	1.129424	2.9504%

1860	0.860033	1.162747	2.4012%
1859	0.839865	1.190667	2.7627%
1858	0.817286	1.223562	2.8412%
1857	0.794707	1.258326	2.9243%
1856	0.772128	1.295123	3.0161%
1855	0.749521	1.334185	3.1061%
1854	0.726942	1.375626	3.2056%
1853	0.704363	1.419723	3.3118%
1852	0.681783	1.466742	3.4252%
1851	0.659204	1.516981	4.0106%
1850	0.633785	1.577821	2.3254%
1849	0.619383	1.614511	2.7841%
1848	0.602606	1.659460	2.8590%
1847	0.585856	1.706905	2.9432%
1846	0.569106	1.757141	3.0324%
1845	0.552356	1.810425	3.1325%
1844	0.535579	1.867137	3.2284%
1843	0.518830	1.927415	3.3361%
1842	0.502080	1.991714	3.4512%
1841	0.485330	2.060452	3.8105%
1840	0.467516	2.138966	2.3861%
1839	0.456621	2.190002	2.5824%
1838	0.445126	2.246557	2.6573%
1837	0.433603	2.306255	2.7232%
1836	0.422108	2.369059	2.7994%
1835	0.410614	2.435380	2.8871%
1834	0.399091	2.505692	2.9657%
1833	0.387596	2.580003	3.0563%
1832	0.376102	2.658856	3.1604%
1831	0.364579	2.742887	3.4660%
1830	0.352366	2.837955	2.4653%
1829	0.343889	2.907919	2.6804%
1828	0.334912	2.985863	10.3427%
1827	0.303520	3.294680	-4.2314%
1826	0.316930	3.155268	2.9150%
1825	0.307953	3.247245	3.0026%
1824	0.298976	3.344746	3.0955%
1823	0.289999	3.448282	3.1944%
1822	0.281022	3.558434	3.3102%
1821	0.272018	3.676225	3.2277%
1820	0.263513	3.794884	2.6573%
1819	0.256692	3.895724	2.6261%
1818	0.250123	3.998030	2.6969%
1817	0.243555	4.105855	2.7717%
1816	0.236986	4.219656	2.8507%
1815	0.230418	4.339945	2.9343%
1814	0.223849	4.467294	3.0231%
1813	0.217281	4.602343	3.1039%
1812	0.210740	4.745195	3.2172%
1811	0.204171	4.897855	3.0969%
1810	0.198038	5.049538	2.9144%
1809	0.192430	5.196700	2.8225%
1808	0.187148	5.343375	2.9199%

1807	0.181838	5.499398	2.9918%
1806	0.176556	5.663928	3.0841%
1805	0.171274	5.838607	3.1822%
1804	0.165992	6.024402	3.2868%
1803	0.160709	6.222411	3.3985%
1802	0.155427	6.433879	3.5180%
1801	0.150145	6.660226	3.3999%
1800	0.145208	6.886670	2.8419%
1799	0.141195	7.082380	2.7485%
1798	0.137419	7.277036	2.8261%
1797	0.133642	7.482695	3.7832%
1796	0.128770	7.765781	2.1272%
1795	0.126088	7.930975	3.0879%
1794	0.122311	8.175878	3.1625%
1793	0.118561	8.434441	3.2904%
1792	0.114785	8.711969	3.4024%
1791	0.111008	9.008383	3.2296%
1790	0.107535	9.299314	41.3145%
1780	0.076096	13.141275	29.4353%
1770	0.058791	17.009450	83.4728%
1750	0.032043	31.207721	29.2845%
1740	0.024785	40.346731	94.2514%
1720	0.012759	78.374088	85.8111%
1700	0.006867	145.627740	19.2490%
1690	0.005758	173.659696	88.0250%
1670	0.003063	326.523682	

BASE YEAR: 1865

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	8.443191	0.118439	8.2857%
2001	7.797146	0.128252	1.0000%
2000	7.719945	0.129535	1.0000%
1999	7.643510	0.130830	1.0000%
1998	7.567832	0.132138	1.0000%
1997	7.492903	0.133460	1.0000%
1996	7.418716	0.134794	1.0000%
1995	7.345263	0.136142	0.9992%
1994	7.272594	0.137503	1.0008%
1993	7.200532	0.138879	1.0000%
1992	7.129240	0.140267	0.9295%
1991	7.063584	0.141571	1.2505%
1990	6.976343	0.143342	0.7224%
1989	6.926305	0.144377	1.1077%
1988	6.850424	0.145976	0.8834%
1987	6.790440	0.147266	0.5594%
1986	6.752668	0.148090	1.3056%
1985	6.665640	0.150023	0.7673%
1984	6.614885	0.151174	0.8149%
1983	6.561413	0.152406	0.9737%
1982	6.498137	0.153890	0.9508%
1981	6.436935	0.155353	0.9031%

1980	6.379325	0.156756	2.2701%
1979	6.237724	0.160315	1.0042%
1978	6.175709	0.161925	0.9896%
1977	6.115193	0.163527	0.9103%
1976	6.060026	0.165016	0.8394%
1975	6.009580	0.166401	0.9042%
1974	5.955730	0.167906	1.1568%
1973	5.887622	0.169848	0.9427%
1972	5.832638	0.171449	0.7426%
1971	5.789642	0.172722	1.4697%
1970	5.705782	0.175261	0.6968%
1969	5.666298	0.176482	0.8565%
1968	5.618176	0.177994	1.5090%
1967	5.534656	0.180680	0.9949%
1966	5.480134	0.182477	1.0575%
1965	5.422789	0.184407	1.1300%
1964	5.362196	0.186491	1.5537%
1963	5.280160	0.189388	1.4658%
1962	5.203881	0.192164	1.5364%
1961	5.125137	0.195117	2.1586%
1960	5.016841	0.199329	-1.6655%
1959	5.101811	0.196009	4.3080%
1958	4.891102	0.204453	2.1130%
1957	4.789894	0.208773	1.9895%
1956	4.696458	0.212926	2.1231%
1955	4.598821	0.217447	1.4496%
1954	4.533108	0.220599	2.1573%
1953	4.437383	0.225358	1.2298%
1952	4.383477	0.228129	1.6814%
1951	4.310993	0.231965	1.6233%
1950	4.242131	0.235731	1.4265%
1949	4.182467	0.239093	1.7790%
1948	4.109360	0.243347	1.8242%
1947	4.035741	0.247786	-2.6320%
1946	4.144835	0.241264	3.1768%
1945	4.017216	0.248929	6.4754%
1944	3.772905	0.265048	-0.3437%
1943	3.785916	0.264137	0.6562%
1942	3.761234	0.265870	0.6633%
1941	3.736450	0.267634	-5.6614%
1940	3.960681	0.252482	8.0381%
1939	3.666004	0.272777	0.8126%
1938	3.636453	0.274993	0.7762%
1937	3.608442	0.277128	0.6029%
1936	3.586818	0.278799	0.5244%
1935	3.568107	0.280261	-3.0364%
1934	3.679841	0.271751	4.6271%
1933	3.517100	0.284325	1.3921%
1932	3.468810	0.288283	-0.2051%
1931	3.475939	0.287692	0.8886%
1930	3.445324	0.290248	1.0126%
1929	3.410787	0.293187	1.1526%
1928	3.371922	0.296567	1.2160%

1927	3.331412	0.300173	1.4086%
1926	3.285138	0.304401	1.7667%
1925	3.228108	0.309779	1.4465%
1924	3.182079	0.314260	1.7700%
1923	3.126737	0.319822	1.6165%
1922	3.076996	0.324992	1.3736%
1921	3.035302	0.329456	2.3393%
1920	2.965920	0.337164	1.3140%
1919	2.927453	0.341594	0.7676%
1918	2.905152	0.344216	0.3870%
1917	2.893953	0.345548	1.3274%
1916	2.856040	0.350135	1.4083%
1915	2.816378	0.355066	1.4458%
1914	2.776239	0.360200	1.9424%
1913	2.723341	0.367196	1.9857%
1912	2.670317	0.374487	1.5634%
1911	2.629212	0.380342	1.8169%
1910	2.582294	0.387253	1.8781%
1909	2.534691	0.394525	2.0082%
1908	2.484790	0.402448	1.9603%
1907	2.437019	0.410337	1.8264%
1906	2.393308	0.417832	1.9357%
1905	2.347861	0.425920	2.0148%
1904	2.301490	0.434501	2.1335%
1903	2.253413	0.443771	1.8151%
1902	2.213239	0.451826	1.8943%
1901	2.172092	0.460386	3.0255%
1900	2.108306	0.474315	0.6278%
1899	2.095151	0.477292	1.7757%
1898	2.058598	0.485768	1.8078%
1897	2.022044	0.494549	1.8396%
1896	1.985519	0.503647	1.8755%
1895	1.948965	0.513093	1.9114%
1894	1.912411	0.522900	1.9486%
1893	1.875858	0.533089	1.9858%
1892	1.839332	0.543676	2.0276%
1891	1.802779	0.554699	2.6465%
1890	1.756298	0.569379	1.5328%
1889	1.729783	0.578107	2.0811%
1888	1.694518	0.590138	2.1599%
1887	1.658693	0.602884	2.2075%
1886	1.622868	0.616193	2.2592%
1885	1.587014	0.630114	2.3095%
1884	1.551189	0.644667	2.3641%
1883	1.515364	0.659908	2.4214%
1882	1.479538	0.675886	2.4815%
1881	1.443713	0.692658	3.7644%
1880	1.391338	0.718733	0.9432%
1879	1.378337	0.725512	2.1464%
1878	1.349374	0.741084	2.1913%
1877	1.320439	0.757324	2.2426%
1876	1.291476	0.774308	2.2941%
1875	1.262514	0.792071	2.3456%

1874	1.233579	0.810649	2.4043%
1873	1.204616	0.830140	2.4635%
1872	1.175653	0.850591	2.5258%
1871	1.146691	0.872075	5.9947%
1870	1.081838	0.924353	-1.0968%
1869	1.093835	0.914215	2.1930%
1868	1.070362	0.934263	2.2394%
1867	1.046917	0.955185	2.2935%
1866	1.023445	0.977092	2.3445%
1865	1.000000	1.000000	2.4037%
1864	0.976527	1.024037	2.4599%
1863	0.953083	1.049227	2.5250%
1862	0.929610	1.075720	2.5872%
1861	0.906165	1.103552	2.9504%
1860	0.880196	1.136111	2.4012%
1859	0.859556	1.163392	2.7627%
1858	0.836447	1.195533	2.8412%
1857	0.813339	1.229500	2.9243%
1856	0.790230	1.265454	3.0161%
1855	0.767093	1.303622	3.1061%
1854	0.743985	1.344114	3.2056%
1853	0.720876	1.387201	3.3118%
1852	0.697768	1.433142	3.4252%
1851	0.674659	1.482230	4.0106%
1850	0.648644	1.541677	2.3254%
1849	0.633904	1.577526	2.7841%
1848	0.616733	1.621446	2.8590%
1847	0.599591	1.667803	2.9432%
1846	0.582449	1.716889	3.0324%
1845	0.565306	1.768953	3.1325%
1844	0.548136	1.824365	3.2284%
1843	0.530994	1.883262	3.3361%
1842	0.513851	1.946089	3.4512%
1841	0.496709	2.013252	3.8105%
1840	0.478476	2.089967	2.3861%
1839	0.467326	2.139835	2.5824%
1838	0.455561	2.195093	2.6573%
1837	0.443769	2.253424	2.7232%
1836	0.432005	2.314790	2.7994%
1835	0.420240	2.379591	2.8871%
1834	0.408448	2.448292	2.9657%
1833	0.396684	2.520901	3.0563%
1832	0.384919	2.597948	3.1604%
1831	0.373127	2.680054	3.4660%
1830	0.360628	2.772944	2.4653%
1829	0.351951	2.841305	2.6804%
1828	0.342764	2.917463	10.3427%
1827	0.310636	3.219206	-4.2314%
1826	0.324361	3.082988	2.9150%
1825	0.315173	3.172858	3.0026%
1824	0.305986	3.268125	3.0955%
1823	0.296798	3.369290	3.1944%
1822	0.287611	3.476919	3.3102%

1821	0.278396	3.592011	3.2277%
1820	0.269691	3.707952	2.6573%
1819	0.262710	3.806483	2.6261%
1818	0.255987	3.906445	2.6969%
1817	0.249265	4.011799	2.7717%
1816	0.242542	4.122993	2.8507%
1815	0.235820	4.240527	2.9343%
1814	0.229097	4.364959	3.0231%
1813	0.222375	4.496914	3.1039%
1812	0.215680	4.636494	3.2172%
1811	0.208958	4.785657	3.0969%
1810	0.202681	4.933865	2.9144%
1809	0.196941	5.077656	2.8225%
1808	0.191535	5.220971	2.9199%
1807	0.186101	5.373420	2.9918%
1806	0.180695	5.534181	3.0841%
1805	0.175289	5.704858	3.1822%
1804	0.169883	5.886397	3.2868%
1803	0.164477	6.079871	3.3985%
1802	0.159071	6.286494	3.5180%
1801	0.153665	6.507656	3.3999%
1800	0.148612	6.728913	2.8419%
1799	0.144506	6.920140	2.7485%
1798	0.140640	7.110337	2.8261%
1797	0.136775	7.311284	3.7832%
1796	0.131789	7.587885	2.1272%
1795	0.129044	7.749295	3.0879%
1794	0.125179	7.988588	3.1625%
1793	0.121341	8.241228	3.2904%
1792	0.117476	8.512399	3.4024%
1791	0.113610	8.802022	3.2296%
1790	0.110056	9.086289	41.3145%
1780	0.077880	12.840239	29.4353%
1770	0.060169	16.619804	83.4728%
1750	0.032795	30.492825	29.2845%
1740	0.025366	39.422482	94.2514%
1720	0.013058	76.578722	85.8111%
1700	0.007028	142.291750	19.2490%
1690	0.005893	169.681559	88.0250%
1670	0.003134	319.043789	

BASE YEAR: 1864

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	8.646139	0.115659	8.2857%
2001	7.984565	0.125242	1.0000%
2000	7.905509	0.126494	1.0000%
1999	7.827237	0.127759	1.0000%
1998	7.749740	0.129037	1.0000%
1997	7.673009	0.130327	1.0000%
1996	7.597039	0.131630	1.0000%
1995	7.521821	0.132947	0.9992%

1994	7.447405	0.134275	1.0008%
1993	7.373611	0.135619	1.0000%
1992	7.300605	0.136975	0.9295%
1991	7.233371	0.138248	1.2505%
1990	7.144033	0.139977	0.7224%
1989	7.092792	0.140988	1.1077%
1988	7.015088	0.142550	0.8834%
1987	6.953661	0.143809	0.5594%
1986	6.914981	0.144614	1.3056%
1985	6.825861	0.146502	0.7673%
1984	6.773886	0.147626	0.8149%
1983	6.719129	0.148829	0.9737%
1982	6.654333	0.150278	0.9508%
1981	6.591659	0.151707	0.9031%
1980	6.532665	0.153077	2.2701%
1979	6.387660	0.156552	1.0042%
1978	6.324155	0.158124	0.9896%
1977	6.262183	0.159689	0.9103%
1976	6.205691	0.161142	0.8394%
1975	6.154031	0.162495	0.9042%
1974	6.098887	0.163964	1.1568%
1973	6.029143	0.165861	0.9427%
1972	5.972837	0.167425	0.7426%
1971	5.928807	0.168668	1.4697%
1970	5.842931	0.171147	0.6968%
1969	5.802498	0.172340	0.8565%
1968	5.753220	0.173816	1.5090%
1967	5.667692	0.176439	0.9949%
1966	5.611859	0.178194	1.0575%
1965	5.553137	0.180078	1.1300%
1964	5.491087	0.182113	1.5537%
1963	5.407079	0.184943	1.4658%
1962	5.328966	0.187654	1.5364%
1961	5.248329	0.190537	2.1586%
1960	5.137431	0.194650	-1.6655%
1959	5.224443	0.191408	4.3080%
1958	5.008670	0.199654	2.1130%
1957	4.905028	0.203872	1.9895%
1956	4.809347	0.207928	2.1231%
1955	4.709362	0.212343	1.4496%
1954	4.642070	0.215421	2.1573%
1953	4.544044	0.220068	1.2298%
1952	4.488842	0.222775	1.6814%
1951	4.414616	0.226520	1.6233%
1950	4.344099	0.230197	1.4265%
1949	4.283001	0.233481	1.7790%
1948	4.208136	0.237635	1.8242%
1947	4.132748	0.241970	-2.6320%
1946	4.244464	0.235601	3.1768%
1945	4.113778	0.243086	6.4754%
1944	3.863594	0.258826	-0.3437%
1943	3.876918	0.257937	0.6562%
1942	3.851642	0.259630	0.6633%

1941	3.826263	0.261352	-5.6614%
1940	4.055884	0.246555	8.0381%
1939	3.754123	0.266374	0.8126%
1938	3.723862	0.268538	0.7762%
1937	3.695178	0.270623	0.6029%
1936	3.673034	0.272254	0.5244%
1935	3.653874	0.273682	-3.0364%
1934	3.768293	0.265372	4.6271%
1933	3.601641	0.277651	1.3921%
1932	3.552190	0.281516	-0.2051%
1931	3.559490	0.280939	0.8886%
1930	3.528139	0.283436	1.0126%
1929	3.492772	0.286306	1.1526%
1928	3.452973	0.289606	1.2160%
1927	3.411489	0.293127	1.4086%
1926	3.364103	0.297256	1.7667%
1925	3.305702	0.302508	1.4465%
1924	3.258566	0.306883	1.7700%
1923	3.201894	0.312315	1.6165%
1922	3.150958	0.317364	1.3736%
1921	3.108262	0.321723	2.3393%
1920	3.037212	0.329249	1.3140%
1919	2.997820	0.333576	0.7676%
1918	2.974983	0.336136	0.3870%
1917	2.963514	0.337437	1.3274%
1916	2.924691	0.341916	1.4083%
1915	2.884075	0.346732	1.4458%
1914	2.842971	0.351745	1.9424%
1913	2.788802	0.358577	1.9857%
1912	2.734504	0.365697	1.5634%
1911	2.692410	0.371414	1.8169%
1910	2.644364	0.378163	1.8781%
1909	2.595617	0.385265	2.0082%
1908	2.544517	0.393002	1.9603%
1907	2.495597	0.400706	1.8264%
1906	2.450836	0.408024	1.9357%
1905	2.404297	0.415922	2.0148%
1904	2.356811	0.424302	2.1335%
1903	2.307578	0.433355	1.8151%
1902	2.266439	0.441221	1.8943%
1901	2.224303	0.449579	3.0255%
1900	2.158983	0.463181	0.6278%
1899	2.145512	0.466089	1.7757%
1898	2.108080	0.474365	1.8078%
1897	2.070648	0.482941	1.8396%
1896	2.033244	0.491825	1.8755%
1895	1.995812	0.501049	1.9114%
1894	1.958380	0.510626	1.9486%
1893	1.920948	0.520576	1.9858%
1892	1.883544	0.530914	2.0276%
1891	1.846112	0.541679	2.6465%
1890	1.798514	0.556015	1.5328%
1889	1.771362	0.564537	2.0811%

1888	1.735249	0.576286	2.1599%
1887	1.698563	0.588733	2.2075%
1886	1.661876	0.601729	2.2592%
1885	1.625161	0.615324	2.3095%
1884	1.588475	0.629535	2.3641%
1883	1.551788	0.644418	2.4214%
1882	1.515102	0.660022	2.4815%
1881	1.478416	0.676400	3.7644%
1880	1.424781	0.701862	0.9432%
1879	1.411468	0.708482	2.1464%
1878	1.381809	0.723689	2.1913%
1877	1.352179	0.739547	2.2426%
1876	1.322520	0.756132	2.2941%
1875	1.292861	0.773479	2.3456%
1874	1.263230	0.791621	2.4043%
1873	1.233571	0.810654	2.4635%
1872	1.203912	0.830625	2.5258%
1871	1.174254	0.851605	5.9947%
1870	1.107842	0.902656	-1.0968%
1869	1.120127	0.892756	2.1930%
1868	1.096090	0.912333	2.2394%
1867	1.072082	0.932764	2.2935%
1866	1.048045	0.954157	2.3445%
1865	1.024037	0.976527	2.4037%
1864	1.000000	1.000000	2.4599%
1863	0.975992	1.024599	2.5250%
1862	0.951955	1.050470	2.5872%
1861	0.927947	1.077648	2.9504%
1860	0.901353	1.109443	2.4012%
1859	0.880217	1.136084	2.7627%
1858	0.856553	1.167470	2.8412%
1857	0.832889	1.200641	2.9243%
1856	0.809225	1.235751	3.0161%
1855	0.785532	1.273023	3.1061%
1854	0.761868	1.312564	3.2056%
1853	0.738204	1.354639	3.3118%
1852	0.714540	1.399502	3.4252%
1851	0.690876	1.447438	4.0106%
1850	0.664236	1.505489	2.3254%
1849	0.649141	1.540498	2.7841%
1848	0.631558	1.583386	2.8590%
1847	0.614003	1.628656	2.9432%
1846	0.596449	1.676589	3.0324%
1845	0.578895	1.727430	3.1325%
1844	0.561311	1.781542	3.2284%
1843	0.543757	1.839057	3.3361%
1842	0.526203	1.900409	3.4512%
1841	0.508648	1.965996	3.8105%
1840	0.489978	2.040910	2.3861%
1839	0.478559	2.089607	2.5824%
1838	0.466512	2.143569	2.6573%
1837	0.454436	2.200530	2.7232%
1836	0.442389	2.260455	2.7994%

1835	0.430342	2.323735	2.8871%
1834	0.418266	2.390824	2.9657%
1833	0.406219	2.461729	3.0563%
1832	0.394171	2.536967	3.1604%
1831	0.382096	2.617146	3.4660%
1830	0.369296	2.707855	2.4653%
1829	0.360411	2.774612	2.6804%
1828	0.351002	2.848983	10.3427%
1827	0.318102	3.143643	-4.2314%
1826	0.332157	3.010622	2.9150%
1825	0.322749	3.098383	3.0026%
1824	0.313341	3.191413	3.0955%
1823	0.303933	3.290204	3.1944%
1822	0.294524	3.395306	3.3102%
1821	0.285087	3.507697	3.2277%
1820	0.276173	3.620916	2.6573%
1819	0.269024	3.717134	2.6261%
1818	0.262140	3.814750	2.6969%
1817	0.255256	3.917631	2.7717%
1816	0.248372	4.026215	2.8507%
1815	0.241488	4.140991	2.9343%
1814	0.234604	4.262502	3.0231%
1813	0.227720	4.391359	3.1039%
1812	0.220865	4.527662	3.2172%
1811	0.213980	4.673324	3.0969%
1810	0.207553	4.818053	2.9144%
1809	0.201675	4.958470	2.8225%
1808	0.196139	5.098421	2.9199%
1807	0.190575	5.247291	2.9918%
1806	0.185039	5.404278	3.0841%
1805	0.179503	5.570949	3.1822%
1804	0.173967	5.748228	3.2868%
1803	0.168431	5.937159	3.3985%
1802	0.162895	6.138933	3.5180%
1801	0.157359	6.354903	3.3999%
1800	0.152185	6.570967	2.8419%
1799	0.147979	6.757705	2.7485%
1798	0.144021	6.943438	2.8261%
1797	0.140063	7.139668	3.7832%
1796	0.134957	7.409777	2.1272%
1795	0.132146	7.567397	3.0879%
1794	0.128187	7.801074	3.1625%
1793	0.124258	8.047784	3.2904%
1792	0.120299	8.312589	3.4024%
1791	0.116341	8.595414	3.2296%
1790	0.112701	8.873009	41.3145%
1780	0.079752	12.538843	29.4353%
1770	0.061615	16.229691	83.4728%
1750	0.033583	29.777076	29.2845%
1740	0.025976	38.497129	94.2514%
1720	0.013372	74.781210	85.8111%
1700	0.007197	138.951774	19.2490%
1690	0.006035	165.698669	88.0250%

1670 0.003210 311.554960

BASE YEAR: 1863

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	8.858824	0.112882	8.2857%
2001	8.180976	0.122235	1.0000%
2000	8.099976	0.123457	1.0000%
1999	8.019778	0.124692	1.0000%
1998	7.940374	0.125939	1.0000%
1997	7.861757	0.127198	1.0000%
1996	7.783917	0.128470	1.0000%
1995	7.706849	0.129755	0.9992%
1994	7.630602	0.131051	1.0008%
1993	7.554994	0.132363	1.0000%
1992	7.480192	0.133686	0.9295%
1991	7.411303	0.134929	1.2505%
1990	7.319768	0.136616	0.7224%
1989	7.267266	0.137603	1.1077%
1988	7.187651	0.139128	0.8834%
1987	7.124713	0.140357	0.5594%
1986	7.085082	0.141142	1.3056%
1985	6.993769	0.142984	0.7673%
1984	6.940516	0.144082	0.8149%
1983	6.884412	0.145256	0.9737%
1982	6.818022	0.146670	0.9508%
1981	6.753806	0.148065	0.9031%
1980	6.693360	0.149402	2.2701%
1979	6.544789	0.152793	1.0042%
1978	6.479721	0.154328	0.9896%
1977	6.416226	0.155855	0.9103%
1976	6.358344	0.157274	0.8394%
1975	6.305414	0.158594	0.9042%
1974	6.248913	0.160028	1.1568%
1973	6.177453	0.161879	0.9427%
1972	6.119761	0.163405	0.7426%
1971	6.074649	0.164619	1.4697%
1970	5.986661	0.167038	0.6968%
1969	5.945233	0.168202	0.8565%
1968	5.894742	0.169643	1.5090%
1967	5.807111	0.172203	0.9949%
1966	5.749904	0.173916	1.0575%
1965	5.689737	0.175755	1.1300%
1964	5.626161	0.177741	1.5537%
1963	5.540087	0.180503	1.4658%
1962	5.460053	0.183148	1.5364%
1961	5.377432	0.185962	2.1586%
1960	5.263805	0.189977	-1.6655%
1959	5.352958	0.186813	4.3080%
1958	5.131877	0.194860	2.1130%
1957	5.025686	0.198978	1.9895%
1956	4.927651	0.202936	2.1231%

1955	4.825207	0.207245	1.4496%
1954	4.756260	0.210249	2.1573%
1953	4.655822	0.214785	1.2298%
1952	4.599262	0.217426	1.6814%
1951	4.523210	0.221082	1.6233%
1950	4.450959	0.224671	1.4265%
1949	4.388357	0.227876	1.7790%
1948	4.311651	0.231930	1.8242%
1947	4.234409	0.236160	-2.6320%
1946	4.348873	0.229945	3.1768%
1945	4.214972	0.237250	6.4754%
1944	3.958634	0.252612	-0.3437%
1943	3.972285	0.251744	0.6562%
1942	3.946388	0.253396	0.6633%
1941	3.920384	0.255077	-5.6614%
1940	4.155654	0.240636	8.0381%
1939	3.846470	0.259979	0.8126%
1938	3.815465	0.262091	0.7762%
1937	3.786075	0.264126	0.6029%
1936	3.763387	0.265718	0.5244%
1935	3.743755	0.267112	-3.0364%
1934	3.860989	0.259001	4.6271%
1933	3.690237	0.270985	1.3921%
1932	3.639570	0.274758	-0.2051%
1931	3.647049	0.274194	0.8886%
1930	3.614927	0.276631	1.0126%
1929	3.578690	0.279432	1.1526%
1928	3.537912	0.282653	1.2160%
1927	3.495408	0.286090	1.4086%
1926	3.446856	0.290119	1.7667%
1925	3.387018	0.295245	1.4465%
1924	3.338723	0.299516	1.7700%
1923	3.280657	0.304817	1.6165%
1922	3.228468	0.309744	1.3736%
1921	3.184721	0.313999	2.3393%
1920	3.111924	0.321345	1.3140%
1919	3.071563	0.325567	0.7676%
1918	3.048164	0.328066	0.3870%
1917	3.036413	0.329336	1.3274%
1916	2.996635	0.333708	1.4083%
1915	2.955020	0.338407	1.4458%
1914	2.912905	0.343300	1.9424%
1913	2.857403	0.349968	1.9857%
1912	2.801769	0.356917	1.5634%
1911	2.758640	0.362497	1.8169%
1910	2.709413	0.369084	1.8781%
1909	2.659466	0.376015	2.0082%
1908	2.607109	0.383567	1.9603%
1907	2.556986	0.391085	1.8264%
1906	2.511124	0.398228	1.9357%
1905	2.463440	0.405936	2.0148%
1904	2.414786	0.414115	2.1335%
1903	2.364342	0.422951	1.8151%

1902	2.322191	0.430628	1.8943%
1901	2.279018	0.438785	3.0255%
1900	2.212091	0.452061	0.6278%
1899	2.198290	0.454899	1.7757%
1898	2.159937	0.462977	1.8078%
1897	2.121583	0.471346	1.8396%
1896	2.083260	0.480017	1.8755%
1895	2.044907	0.489020	1.9114%
1894	2.006554	0.498367	1.9486%
1893	1.968201	0.508078	1.9858%
1892	1.929877	0.518168	2.0276%
1891	1.891524	0.528674	2.6465%
1890	1.842755	0.542666	1.5328%
1889	1.814936	0.550984	2.0811%
1888	1.777935	0.562450	2.1599%
1887	1.740346	0.574599	2.2075%
1886	1.702757	0.587283	2.2592%
1885	1.665138	0.600551	2.3095%
1884	1.627550	0.614421	2.3641%
1883	1.589961	0.628946	2.4214%
1882	1.552372	0.644176	2.4815%
1881	1.514783	0.660161	3.7644%
1880	1.459829	0.685012	0.9432%
1879	1.446188	0.691473	2.1464%
1878	1.415800	0.706315	2.1913%
1877	1.385441	0.721792	2.2426%
1876	1.355052	0.737979	2.2941%
1875	1.324663	0.754909	2.3456%
1874	1.294304	0.772616	2.4043%
1873	1.263916	0.791192	2.4635%
1872	1.233527	0.810683	2.5258%
1871	1.203139	0.831159	5.9947%
1870	1.135094	0.880985	-1.0968%
1869	1.147681	0.871322	2.1930%
1868	1.123053	0.890430	2.2394%
1867	1.098454	0.910370	2.2935%
1866	1.073826	0.931250	2.3445%
1865	1.049227	0.953083	2.4037%
1864	1.024599	0.975992	2.4599%
1863	1.000000	1.000000	2.5250%
1862	0.975372	1.025250	2.5872%
1861	0.950773	1.051776	2.9504%
1860	0.923525	1.082808	2.4012%
1859	0.901869	1.108808	2.7627%
1858	0.877623	1.139441	2.8412%
1857	0.853377	1.171815	2.9243%
1856	0.829131	1.206083	3.0161%
1855	0.804855	1.242460	3.1061%
1854	0.780609	1.281051	3.2056%
1853	0.756363	1.322117	3.3118%
1852	0.732117	1.365903	3.4252%
1851	0.707870	1.412688	4.0106%
1850	0.680575	1.469345	2.3254%

1849	0.665109	1.503513	2.7841%
1848	0.647093	1.545372	2.8590%
1847	0.629107	1.589554	2.9432%
1846	0.611121	1.636337	3.0324%
1845	0.593135	1.685958	3.1325%
1844	0.575119	1.738771	3.2284%
1843	0.557133	1.794904	3.3361%
1842	0.539147	1.854783	3.4512%
1841	0.521160	1.918795	3.8105%
1840	0.502030	1.991911	2.3861%
1839	0.490331	2.039439	2.5824%
1838	0.477987	2.092105	2.6573%
1837	0.465615	2.147699	2.7232%
1836	0.453271	2.206186	2.7994%
1835	0.440928	2.267946	2.8871%
1834	0.428555	2.333425	2.9657%
1833	0.416211	2.402627	3.0563%
1832	0.403868	2.476059	3.1604%
1831	0.391495	2.554313	3.4660%
1830	0.378380	2.642844	2.4653%
1829	0.369276	2.707998	2.6804%
1828	0.359637	2.780583	10.3427%
1827	0.325927	3.068170	-4.2314%
1826	0.340328	2.938342	2.9150%
1825	0.330688	3.023996	3.0026%
1824	0.321049	3.114793	3.0955%
1823	0.311409	3.211212	3.1944%
1822	0.301769	3.313790	3.3102%
1821	0.292100	3.423483	3.2277%
1820	0.282967	3.533984	2.6573%
1819	0.275642	3.627892	2.6261%
1818	0.268589	3.723164	2.6969%
1817	0.261535	3.823576	2.7717%
1816	0.254482	3.929553	2.8507%
1815	0.247428	4.041573	2.9343%
1814	0.240375	4.160166	3.0231%
1813	0.233322	4.285930	3.1039%
1812	0.226298	4.418961	3.2172%
1811	0.219244	4.561126	3.0969%
1810	0.212658	4.702380	2.9144%
1809	0.206636	4.839425	2.8225%
1808	0.200964	4.976016	2.9199%
1807	0.195262	5.121312	2.9918%
1806	0.189590	5.274531	3.0841%
1805	0.183918	5.437200	3.1822%
1804	0.178246	5.610223	3.2868%
1803	0.172574	5.794619	3.3985%
1802	0.166902	5.991548	3.5180%
1801	0.161230	6.202333	3.3999%
1800	0.155928	6.413209	2.8419%
1799	0.151619	6.595464	2.7485%
1798	0.147564	6.776738	2.8261%
1797	0.143508	6.968257	3.7832%

1796	0.138277	7.231881	2.1272%
1795	0.135396	7.385717	3.0879%
1794	0.131341	7.613784	3.1625%
1793	0.127314	7.854571	3.2904%
1792	0.123259	8.113019	3.4024%
1791	0.119203	8.389053	3.2296%
1790	0.115474	8.659983	41.3145%
1780	0.081714	12.237808	29.4353%
1770	0.063131	15.840045	83.4728%
1750	0.034409	29.062180	29.2845%
1740	0.026615	37.572880	94.2514%
1720	0.013701	72.985843	85.8111%
1700	0.007374	135.615783	19.2490%
1690	0.006184	161.720532	88.0250%
1670	0.003289	304.075067	

BASE YEAR: 1862

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	9.082510	0.110102	8.2857%
2001	8.387547	0.119224	1.0000%
2000	8.304501	0.120417	1.0000%
1999	8.222278	0.121621	1.0000%
1998	8.140869	0.122837	1.0000%
1997	8.060267	0.124065	1.0000%
1996	7.980462	0.125306	1.0000%
1995	7.901448	0.126559	0.9992%
1994	7.823276	0.127824	1.0008%
1993	7.745758	0.129103	1.0000%
1992	7.669067	0.130394	0.9295%
1991	7.598439	0.131606	1.2505%
1990	7.504593	0.133252	0.7224%
1989	7.450765	0.134214	1.1077%
1988	7.369139	0.135701	0.8834%
1987	7.304613	0.136900	0.5594%
1986	7.263981	0.137666	1.3056%
1985	7.170363	0.139463	0.7673%
1984	7.115765	0.140533	0.8149%
1983	7.058244	0.141678	0.9737%
1982	6.990177	0.143058	0.9508%
1981	6.924340	0.144418	0.9031%
1980	6.862368	0.145722	2.2701%
1979	6.710046	0.149030	1.0042%
1978	6.643335	0.150527	0.9896%
1977	6.578236	0.152016	0.9103%
1976	6.518892	0.153400	0.8394%
1975	6.464626	0.154688	0.9042%
1974	6.406698	0.156087	1.1568%
1973	6.333434	0.157892	0.9427%
1972	6.274286	0.159381	0.7426%
1971	6.228034	0.160564	1.4697%
1970	6.137824	0.162924	0.6968%

1969	6.095351	0.164059	0.8565%
1968	6.043585	0.165465	1.5090%
1967	5.953741	0.167962	0.9949%
1966	5.895090	0.169633	1.0575%
1965	5.833404	0.171427	1.1300%
1964	5.768222	0.173364	1.5537%
1963	5.679975	0.176057	1.4658%
1962	5.597919	0.178638	1.5364%
1961	5.513213	0.181382	2.1586%
1960	5.396717	0.185298	-1.6655%
1959	5.488121	0.182212	4.3080%
1958	5.261457	0.190061	2.1130%
1957	5.152585	0.194077	1.9895%
1956	5.052075	0.197938	2.1231%
1955	4.947044	0.202141	1.4496%
1954	4.876356	0.205071	2.1573%
1953	4.773382	0.209495	1.2298%
1952	4.715394	0.212071	1.6814%
1951	4.637422	0.215637	1.6233%
1950	4.563346	0.219137	1.4265%
1949	4.499164	0.222264	1.7790%
1948	4.420521	0.226218	1.8242%
1947	4.341328	0.230344	-2.6320%
1946	4.458682	0.224282	3.1768%
1945	4.321400	0.231406	6.4754%
1944	4.058589	0.246391	-0.3437%
1943	4.072586	0.245544	0.6562%
1942	4.046035	0.247156	0.6633%
1941	4.019374	0.248795	-5.6614%
1940	4.260584	0.234710	8.0381%
1939	3.943594	0.253576	0.8126%
1938	3.911805	0.255636	0.7762%
1937	3.881674	0.257621	0.6029%
1936	3.858413	0.259174	0.5244%
1935	3.838285	0.260533	-3.0364%
1934	3.958479	0.252622	4.6271%
1933	3.783416	0.264311	1.3921%
1932	3.731469	0.267991	-0.2051%
1931	3.739138	0.267441	0.8886%
1930	3.706204	0.269818	1.0126%
1929	3.669052	0.272550	1.1526%
1928	3.627245	0.275691	1.2160%
1927	3.583667	0.279044	1.4086%
1926	3.533890	0.282974	1.7667%
1925	3.472541	0.287974	1.4465%
1924	3.423026	0.292139	1.7700%
1923	3.363494	0.297310	1.6165%
1922	3.309987	0.302116	1.3736%
1921	3.265136	0.306266	2.3393%
1920	3.190500	0.313431	1.3140%
1919	3.149120	0.317549	0.7676%
1918	3.125130	0.319987	0.3870%
1917	3.113083	0.321225	1.3274%

1916	3.072300	0.325489	1.4083%
1915	3.029634	0.330073	1.4458%
1914	2.986456	0.334845	1.9424%
1913	2.929553	0.341349	1.9857%
1912	2.872514	0.348127	1.5634%
1911	2.828296	0.353570	1.8169%
1910	2.777826	0.359994	1.8781%
1909	2.726618	0.366755	2.0082%
1908	2.672939	0.374120	1.9603%
1907	2.621550	0.381454	1.8264%
1906	2.574530	0.388420	1.9357%
1905	2.525642	0.395939	2.0148%
1904	2.475759	0.403916	2.1335%
1903	2.424042	0.412534	1.8151%
1902	2.380826	0.420022	1.8943%
1901	2.336564	0.427979	3.0255%
1900	2.267947	0.440927	0.6278%
1899	2.253797	0.443696	1.7757%
1898	2.214475	0.451574	1.8078%
1897	2.175154	0.459738	1.8396%
1896	2.135862	0.468195	1.8755%
1895	2.096541	0.476976	1.9114%
1894	2.057219	0.486093	1.9486%
1893	2.017898	0.495565	1.9858%
1892	1.978607	0.505406	2.0276%
1891	1.939285	0.515654	2.6465%
1890	1.889285	0.529301	1.5328%
1889	1.860763	0.537414	2.0811%
1888	1.822828	0.548598	2.1599%
1887	1.784290	0.560447	2.2075%
1886	1.745751	0.572819	2.2592%
1885	1.707183	0.585760	2.3095%
1884	1.668645	0.599289	2.3641%
1883	1.630107	0.613457	2.4214%
1882	1.591569	0.628311	2.4815%
1881	1.553031	0.643902	3.7644%
1880	1.496690	0.668141	0.9432%
1879	1.482705	0.674443	2.1464%
1878	1.451549	0.688919	2.1913%
1877	1.420423	0.704016	2.2426%
1876	1.389267	0.719804	2.2941%
1875	1.358111	0.736317	2.3456%
1874	1.326986	0.753588	2.4043%
1873	1.295830	0.771706	2.4635%
1872	1.264674	0.790718	2.5258%
1871	1.233518	0.810689	5.9947%
1870	1.163755	0.859288	-1.0968%
1869	1.176660	0.849863	2.1930%
1868	1.151410	0.868500	2.2394%
1867	1.126190	0.887949	2.2935%
1866	1.100940	0.908315	2.3445%
1865	1.075720	0.929610	2.4037%
1864	1.050470	0.951955	2.4599%

1863	1.025250	0.975372	2.5250%
1862	1.000000	1.000000	2.5872%
1861	0.974780	1.025872	2.9504%
1860	0.946844	1.056140	2.4012%
1859	0.924641	1.081500	2.7627%
1858	0.899783	1.111379	2.8412%
1857	0.874925	1.142956	2.9243%
1856	0.850066	1.176379	3.0161%
1855	0.825178	1.211860	3.1061%
1854	0.800319	1.249501	3.2056%
1853	0.775461	1.289555	3.3118%
1852	0.750603	1.332263	3.4252%
1851	0.725744	1.377896	4.0106%
1850	0.697760	1.433158	2.3254%
1849	0.681903	1.466484	2.7841%
1848	0.663433	1.507312	2.8590%
1847	0.644992	1.550406	2.9432%
1846	0.626552	1.596037	3.0324%
1845	0.608111	1.644436	3.1325%
1844	0.589641	1.695948	3.2284%
1843	0.571200	1.750699	3.3361%
1842	0.552760	1.809103	3.4512%
1841	0.534320	1.871539	3.8105%
1840	0.514707	1.942854	2.3861%
1839	0.502712	1.989211	2.5824%
1838	0.490057	2.040580	2.6573%
1837	0.477371	2.094805	2.7232%
1836	0.464716	2.151851	2.7994%
1835	0.452061	2.212091	2.8871%
1834	0.439376	2.275957	2.9657%
1833	0.426721	2.343454	3.0563%
1832	0.414065	2.415078	3.1604%
1831	0.401380	2.491405	3.4660%
1830	0.387934	2.577756	2.4653%
1829	0.378601	2.641305	2.6804%
1828	0.368718	2.712103	10.3427%
1827	0.334157	2.992606	-4.2314%
1826	0.348921	2.865976	2.9150%
1825	0.339038	2.949520	3.0026%
1824	0.329155	3.038081	3.0955%
1823	0.319272	3.132125	3.1944%
1822	0.309389	3.232178	3.3102%
1821	0.299476	3.339169	3.2277%
1820	0.290112	3.446949	2.6573%
1819	0.282602	3.538544	2.6261%
1818	0.275371	3.631470	2.6969%
1817	0.268139	3.729408	2.7717%
1816	0.260908	3.832775	2.8507%
1815	0.253676	3.942036	2.9343%
1814	0.246444	4.057709	3.0231%
1813	0.239213	4.180375	3.1039%
1812	0.232012	4.310130	3.2172%
1811	0.224780	4.448794	3.0969%

1810	0.218028	4.586569	2.9144%
1809	0.211854	4.720239	2.8225%
1808	0.206038	4.853466	2.9199%
1807	0.200193	4.995184	2.9918%
1806	0.194377	5.144629	3.0841%
1805	0.188562	5.303292	3.1822%
1804	0.182747	5.472053	3.2868%
1803	0.176931	5.651907	3.3985%
1802	0.171116	5.843987	3.5180%
1801	0.165301	6.049581	3.3999%
1800	0.159865	6.255263	2.8419%
1799	0.155448	6.433030	2.7485%
1798	0.151290	6.609839	2.8261%
1797	0.147131	6.796641	3.7832%
1796	0.141768	7.053773	2.1272%
1795	0.138815	7.203820	3.0879%
1794	0.134657	7.426270	3.1625%
1793	0.130529	7.661127	3.2904%
1792	0.126371	7.913209	3.4024%
1791	0.122213	8.182446	3.2296%
1790	0.118389	8.446703	41.3145%
1780	0.083777	11.936412	29.4353%
1770	0.064725	15.449932	83.4728%
1750	0.035278	28.346430	29.2845%
1740	0.027287	36.647527	94.2514%
1720	0.014047	71.188331	85.8111%
1700	0.007560	132.275807	19.2490%
1690	0.006340	157.737643	88.0250%
1670	0.003372	296.586238	

BASE YEAR: 1861

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	9.317497	0.107325	8.2857%
2001	8.604553	0.116218	1.0000%
2000	8.519359	0.117380	1.0000%
1999	8.435009	0.118554	1.0000%
1998	8.351494	0.119739	1.0000%
1997	8.268806	0.120936	1.0000%
1996	8.186936	0.122146	1.0000%
1995	8.105877	0.123367	0.9992%
1994	8.025683	0.124600	1.0008%
1993	7.946160	0.125847	1.0000%
1992	7.867485	0.127105	0.9295%
1991	7.795030	0.128287	1.2505%
1990	7.698755	0.129891	0.7224%
1989	7.643535	0.130830	1.1077%
1988	7.559797	0.132279	0.8834%
1987	7.493601	0.133447	0.5594%
1986	7.451918	0.134194	1.3056%
1985	7.355878	0.135946	0.7673%
1984	7.299867	0.136989	0.8149%

1983	7.240858	0.138105	0.9737%
1982	7.171030	0.139450	0.9508%
1981	7.103490	0.140776	0.9031%
1980	7.039915	0.142047	2.2701%
1979	6.883651	0.145272	1.0042%
1978	6.815214	0.146731	0.9896%
1977	6.748431	0.148183	0.9103%
1976	6.687552	0.149532	0.8394%
1975	6.631882	0.150787	0.9042%
1974	6.572455	0.152150	1.1568%
1973	6.497295	0.153910	0.9427%
1972	6.436617	0.155361	0.7426%
1971	6.389169	0.156515	1.4697%
1970	6.296625	0.158815	0.6968%
1969	6.253052	0.159922	0.8565%
1968	6.199947	0.161292	1.5090%
1967	6.107779	0.163726	0.9949%
1966	6.047611	0.165355	1.0575%
1965	5.984328	0.167103	1.1300%
1964	5.917460	0.168991	1.5537%
1963	5.826930	0.171617	1.4658%
1962	5.742751	0.174133	1.5364%
1961	5.655853	0.176808	2.1586%
1960	5.536343	0.180625	-1.6655%
1959	5.630112	0.177616	4.3080%
1958	5.397584	0.185268	2.1130%
1957	5.285895	0.189183	1.9895%
1956	5.182784	0.192946	2.1231%
1955	5.075036	0.197043	1.4496%
1954	5.002519	0.199899	2.1573%
1953	4.896881	0.204212	1.2298%
1952	4.837393	0.206723	1.6814%
1951	4.757403	0.210199	1.6233%
1950	4.681411	0.213611	1.4265%
1949	4.615568	0.216658	1.7790%
1948	4.534891	0.220512	1.8242%
1947	4.453649	0.224535	-2.6320%
1946	4.574039	0.218625	3.1768%
1945	4.433205	0.225570	6.4754%
1944	4.163595	0.240177	-0.3437%
1943	4.177954	0.239352	0.6562%
1942	4.150716	0.240922	0.6633%
1941	4.123366	0.242520	-5.6614%
1940	4.370816	0.228790	8.0381%
1939	4.045625	0.247181	0.8126%
1938	4.013014	0.249189	0.7762%
1937	3.982103	0.251124	0.6029%
1936	3.958239	0.252638	0.5244%
1935	3.937591	0.253962	-3.0364%
1934	4.060895	0.246251	4.6271%
1933	3.881302	0.257646	1.3921%
1932	3.828011	0.261232	-0.2051%
1931	3.835878	0.260696	0.8886%

1930	3.802093	0.263013	1.0126%
1929	3.763979	0.265676	1.1526%
1928	3.721091	0.268738	1.2160%
1927	3.676386	0.272006	1.4086%
1926	3.625320	0.275838	1.7667%
1925	3.562384	0.280711	1.4465%
1924	3.511589	0.284771	1.7700%
1923	3.450515	0.289812	1.6165%
1922	3.395624	0.294497	1.3736%
1921	3.349613	0.298542	2.3393%
1920	3.273046	0.305526	1.3140%
1919	3.230596	0.309540	0.7676%
1918	3.205985	0.311917	0.3870%
1917	3.193626	0.313124	1.3274%
1916	3.151788	0.317280	1.4083%
1915	3.108018	0.321748	1.4458%
1914	3.063723	0.326400	1.9424%
1913	3.005348	0.332740	1.9857%
1912	2.946833	0.339347	1.5634%
1911	2.901471	0.344653	1.8169%
1910	2.849695	0.350915	1.8781%
1909	2.797162	0.357505	2.0082%
1908	2.742095	0.364685	1.9603%
1907	2.689376	0.371833	1.8264%
1906	2.641139	0.378624	1.9357%
1905	2.590986	0.385953	2.0148%
1904	2.539813	0.393730	2.1335%
1903	2.486758	0.402130	1.8151%
1902	2.442424	0.409429	1.8943%
1901	2.397016	0.417185	3.0255%
1900	2.326624	0.429807	0.6278%
1899	2.312108	0.432506	1.7757%
1898	2.271769	0.440186	1.8078%
1897	2.231430	0.448143	1.8396%
1896	2.191122	0.456387	1.8755%
1895	2.150784	0.464947	1.9114%
1894	2.110445	0.473834	1.9486%
1893	2.070106	0.483067	1.9858%
1892	2.029798	0.492660	2.0276%
1891	1.989459	0.502649	2.6465%
1890	1.938165	0.515952	1.5328%
1889	1.908905	0.523860	2.0811%
1888	1.869989	0.534763	2.1599%
1887	1.830453	0.546313	2.2075%
1886	1.790918	0.558373	2.2592%
1885	1.751352	0.570987	2.3095%
1884	1.711817	0.584175	2.3641%
1883	1.672282	0.597985	2.4214%
1882	1.632747	0.612465	2.4815%
1881	1.593212	0.627663	3.7644%
1880	1.535413	0.651291	0.9432%
1879	1.521066	0.657434	2.1464%
1878	1.489104	0.671545	2.1913%

1877	1.457173	0.686260	2.2426%
1876	1.425211	0.701651	2.2941%
1875	1.393249	0.717747	2.3456%
1874	1.361318	0.734582	2.4043%
1873	1.329356	0.752244	2.4635%
1872	1.297394	0.770776	2.5258%
1871	1.265432	0.790244	5.9947%
1870	1.193864	0.837616	-1.0968%
1869	1.207103	0.828429	2.1930%
1868	1.181200	0.846597	2.2394%
1867	1.155328	0.865555	2.2935%
1866	1.129424	0.885407	2.3445%
1865	1.103552	0.906165	2.4037%
1864	1.077648	0.927947	2.4599%
1863	1.051776	0.950773	2.5250%
1862	1.025872	0.974780	2.5872%
1861	1.000000	1.000000	2.9504%
1860	0.971341	1.029504	2.4012%
1859	0.948564	1.054225	2.7627%
1858	0.923063	1.083350	2.8412%
1857	0.897561	1.114130	2.9243%
1856	0.872060	1.146711	3.0161%
1855	0.846527	1.181297	3.1061%
1854	0.821026	1.217989	3.2056%
1853	0.795524	1.257033	3.3118%
1852	0.770023	1.298663	3.4252%
1851	0.744521	1.343145	4.0106%
1850	0.715813	1.397014	2.3254%
1849	0.699546	1.429499	2.7841%
1848	0.680597	1.469298	2.8590%
1847	0.661680	1.511305	2.9432%
1846	0.642762	1.555785	3.0324%
1845	0.623845	1.602963	3.1325%
1844	0.604896	1.653176	3.2284%
1843	0.585979	1.706546	3.3361%
1842	0.567061	1.763478	3.4512%
1841	0.548144	1.824339	3.8105%
1840	0.528024	1.893855	2.3861%
1839	0.515718	1.939043	2.5824%
1838	0.502736	1.989117	2.6573%
1837	0.489722	2.041974	2.7232%
1836	0.476740	2.097582	2.7994%
1835	0.463757	2.156302	2.8871%
1834	0.450743	2.218557	2.9657%
1833	0.437761	2.284352	3.0563%
1832	0.424778	2.354170	3.1604%
1831	0.411765	2.428571	3.4660%
1830	0.397971	2.512745	2.4653%
1829	0.388396	2.574692	2.6804%
1828	0.378257	2.643704	10.3427%
1827	0.342802	2.917133	-4.2314%
1826	0.357949	2.793696	2.9150%
1825	0.347810	2.875133	3.0026%

1824	0.337671	2.961461	3.0955%
1823	0.327532	3.053133	3.1944%
1822	0.317394	3.150662	3.3102%
1821	0.307224	3.254955	3.2277%
1820	0.297618	3.360017	2.6573%
1819	0.289914	3.449302	2.6261%
1818	0.282495	3.539884	2.6969%
1817	0.275077	3.635352	2.7717%
1816	0.267658	3.736113	2.8507%
1815	0.260239	3.842618	2.9343%
1814	0.252821	3.955374	3.0231%
1813	0.245402	4.074946	3.1039%
1812	0.238014	4.201429	3.2172%
1811	0.230596	4.336595	3.0969%
1810	0.223669	4.470896	2.9144%
1809	0.217335	4.601195	2.8225%
1808	0.211369	4.731062	2.9199%
1807	0.205372	4.869205	2.9918%
1806	0.199407	5.014881	3.0841%
1805	0.193441	5.169543	3.1822%
1804	0.187475	5.334048	3.2868%
1803	0.181509	5.509366	3.3985%
1802	0.175543	5.696602	3.5180%
1801	0.169577	5.897011	3.3999%
1800	0.164001	6.097506	2.8419%
1799	0.159470	6.270789	2.7485%
1798	0.155204	6.443139	2.8261%
1797	0.150938	6.625230	3.7832%
1796	0.145436	6.875877	2.1272%
1795	0.142407	7.022140	3.0879%
1794	0.138141	7.238980	3.1625%
1793	0.133906	7.467913	3.2904%
1792	0.129641	7.713639	3.4024%
1791	0.125375	7.976085	3.2296%
1790	0.121452	8.233678	41.3145%
1780	0.085945	11.635376	29.4353%
1770	0.066400	15.060286	83.4728%
1750	0.036191	27.631534	29.2845%
1740	0.027993	35.723277	94.2514%
1720	0.014411	69.392964	85.8111%
1700	0.007756	128.939817	19.2490%
1690	0.006504	153.759506	88.0250%
1670	0.003459	289.106345	

BASE YEAR: 1860

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	9.592401	0.104249	8.2857%
2001	8.858422	0.112887	1.0000%
2000	8.770714	0.114016	1.0000%
1999	8.683876	0.115156	1.0000%
1998	8.597897	0.116308	1.0000%

1997	8.512769	0.117471	1.0000%
1996	8.428484	0.118645	1.0000%
1995	8.345034	0.119832	0.9992%
1994	8.262473	0.121029	1.0008%
1993	8.180604	0.122240	1.0000%
1992	8.099608	0.123463	0.9295%
1991	8.025015	0.124610	1.2505%
1990	7.925900	0.126169	0.7224%
1989	7.869050	0.127080	1.1077%
1988	7.782842	0.128488	0.8834%
1987	7.714693	0.129623	0.5594%
1986	7.671780	0.130348	1.3056%
1985	7.572906	0.132050	0.7673%
1984	7.515243	0.133063	0.8149%
1983	7.454493	0.134147	0.9737%
1982	7.382605	0.135454	0.9508%
1981	7.313072	0.136741	0.9031%
1980	7.247621	0.137976	2.2701%
1979	7.086747	0.141108	1.0042%
1978	7.016291	0.142525	0.9896%
1977	6.947537	0.143936	0.9103%
1976	6.884862	0.145246	0.8394%
1975	6.827549	0.146465	0.9042%
1974	6.766369	0.147790	1.1568%
1973	6.688992	0.149499	0.9427%
1972	6.626524	0.150909	0.7426%
1971	6.577675	0.152029	1.4697%
1970	6.482401	0.154264	0.6968%
1969	6.437543	0.155339	0.8565%
1968	6.382871	0.156669	1.5090%
1967	6.287983	0.159034	0.9949%
1966	6.226040	0.160616	1.0575%
1965	6.160890	0.162314	1.1300%
1964	6.092049	0.164148	1.5537%
1963	5.998848	0.166699	1.4658%
1962	5.912186	0.169142	1.5364%
1961	5.822724	0.171741	2.1586%
1960	5.699688	0.175448	-1.6655%
1959	5.796223	0.172526	4.3080%
1958	5.556835	0.179959	2.1130%
1957	5.441851	0.183761	1.9895%
1956	5.335697	0.187417	2.1231%
1955	5.224771	0.191396	1.4496%
1954	5.150114	0.194170	2.1573%
1953	5.041359	0.198359	1.2298%
1952	4.980116	0.200799	1.6814%
1951	4.897766	0.204175	1.6233%
1950	4.819532	0.207489	1.4265%
1949	4.751746	0.210449	1.7790%
1948	4.668688	0.214193	1.8242%
1947	4.585050	0.218100	-2.6320%
1946	4.708992	0.212360	3.1768%
1945	4.564003	0.219106	6.4754%

1944	4.286438	0.233294	-0.3437%
1943	4.301220	0.232492	0.6562%
1942	4.273179	0.234018	0.6633%
1941	4.245022	0.235570	-5.6614%
1940	4.499773	0.222233	8.0381%
1939	4.164987	0.240097	0.8126%
1938	4.131414	0.242048	0.7762%
1937	4.099591	0.243927	0.6029%
1936	4.075023	0.245397	0.5244%
1935	4.053766	0.246684	-3.0364%
1934	4.180707	0.239194	4.6271%
1933	3.995816	0.250262	1.3921%
1932	3.940953	0.253746	-0.2051%
1931	3.949052	0.253225	0.8886%
1930	3.914270	0.255475	1.0126%
1929	3.875032	0.258062	1.1526%
1928	3.830878	0.261037	1.2160%
1927	3.784854	0.264211	1.4086%
1926	3.732282	0.267933	1.7667%
1925	3.667489	0.272666	1.4465%
1924	3.615195	0.276610	1.7700%
1923	3.552320	0.281506	1.6165%
1922	3.495809	0.286057	1.3736%
1921	3.448440	0.289986	2.3393%
1920	3.369614	0.296770	1.3140%
1919	3.325911	0.300669	0.7676%
1918	3.300575	0.302978	0.3870%
1917	3.287851	0.304150	1.3274%
1916	3.244779	0.308187	1.4083%
1915	3.199717	0.312528	1.4458%
1914	3.154115	0.317046	1.9424%
1913	3.094018	0.323204	1.9857%
1912	3.033777	0.329622	1.5634%
1911	2.987077	0.334775	1.8169%
1910	2.933772	0.340858	1.8781%
1909	2.879690	0.347260	2.0082%
1908	2.822997	0.354233	1.9603%
1907	2.768723	0.361177	1.8264%
1906	2.719064	0.367774	1.9357%
1905	2.667431	0.374893	2.0148%
1904	2.614748	0.382446	2.1335%
1903	2.560127	0.390606	1.8151%
1902	2.514485	0.397696	1.8943%
1901	2.467738	0.405229	3.0255%
1900	2.395269	0.417490	0.6278%
1899	2.380324	0.420111	1.7757%
1898	2.338795	0.427571	1.8078%
1897	2.297267	0.435300	1.8396%
1896	2.255769	0.443308	1.8755%
1895	2.214240	0.451622	1.9114%
1894	2.172712	0.460254	1.9486%
1893	2.131183	0.469223	1.9858%
1892	2.089685	0.478541	2.0276%

1891	2.048157	0.488244	2.6465%
1890	1.995349	0.501165	1.5328%
1889	1.965226	0.508847	2.0811%
1888	1.925161	0.519437	2.1599%
1887	1.884459	0.530656	2.2075%
1886	1.843758	0.542371	2.2592%
1885	1.803024	0.554624	2.3095%
1884	1.762323	0.567433	2.3641%
1883	1.721621	0.580848	2.4214%
1882	1.680920	0.594912	2.4815%
1881	1.640218	0.609675	3.7644%
1880	1.580714	0.632626	0.9432%
1879	1.565943	0.638593	2.1464%
1878	1.533039	0.652299	2.1913%
1877	1.500165	0.666593	2.2426%
1876	1.467260	0.681542	2.2941%
1875	1.434356	0.697177	2.3456%
1874	1.401482	0.713530	2.4043%
1873	1.368578	0.730686	2.4635%
1872	1.335673	0.748686	2.5258%
1871	1.302768	0.767597	5.9947%
1870	1.229088	0.813611	-1.0968%
1869	1.242718	0.804688	2.1930%
1868	1.216050	0.822334	2.2394%
1867	1.189414	0.840750	2.2935%
1866	1.162747	0.860033	2.3445%
1865	1.136111	0.880196	2.4037%
1864	1.109443	0.901353	2.4599%
1863	1.082808	0.923525	2.5250%
1862	1.056140	0.946844	2.5872%
1861	1.029504	0.971341	2.9504%
1860	1.000000	1.000000	2.4012%
1859	0.976551	1.024012	2.7627%
1858	0.950297	1.052303	2.8412%
1857	0.924043	1.082201	2.9243%
1856	0.897789	1.113848	3.0161%
1855	0.871503	1.147443	3.1061%
1854	0.845249	1.183083	3.2056%
1853	0.818995	1.221008	3.3118%
1852	0.792741	1.261445	3.4252%
1851	0.766487	1.304653	4.0106%
1850	0.736932	1.356977	2.3254%
1849	0.720185	1.388532	2.7841%
1848	0.700678	1.427190	2.8590%
1847	0.681202	1.467993	2.9432%
1846	0.661726	1.511199	3.0324%
1845	0.642251	1.557024	3.1325%
1844	0.622743	1.605798	3.2284%
1843	0.603268	1.657639	3.3361%
1842	0.583792	1.712939	3.4512%
1841	0.564316	1.772056	3.8105%
1840	0.543602	1.839580	2.3861%
1839	0.530934	1.883473	2.5824%

1838	0.517568	1.932112	2.6573%
1837	0.504171	1.983454	2.7232%
1836	0.490805	2.037468	2.7994%
1835	0.477440	2.094506	2.8871%
1834	0.464042	2.154977	2.9657%
1833	0.450677	2.218886	3.0563%
1832	0.437311	2.286703	3.1604%
1831	0.423913	2.358972	3.4660%
1830	0.409713	2.440733	2.4653%
1829	0.399855	2.500905	2.6804%
1828	0.389417	2.567939	10.3427%
1827	0.352916	2.833532	-4.2314%
1826	0.368510	2.713633	2.9150%
1825	0.358072	2.792736	3.0026%
1824	0.347634	2.876590	3.0955%
1823	0.337196	2.965635	3.1944%
1822	0.326758	3.060369	3.3102%
1821	0.316288	3.161673	3.2277%
1820	0.306398	3.263724	2.6573%
1819	0.298467	3.350450	2.6261%
1818	0.290830	3.438436	2.6969%
1817	0.283192	3.531168	2.7717%
1816	0.275555	3.629041	2.8507%
1815	0.267917	3.732494	2.9343%
1814	0.260280	3.842018	3.0231%
1813	0.252642	3.958165	3.1039%
1812	0.245037	4.081022	3.2172%
1811	0.237399	4.212315	3.0969%
1810	0.230268	4.342767	2.9144%
1809	0.223747	4.469331	2.8225%
1808	0.217605	4.595476	2.9199%
1807	0.211432	4.729661	2.9918%
1806	0.205290	4.871162	3.0841%
1805	0.199148	5.021391	3.1822%
1804	0.193006	5.181182	3.2868%
1803	0.186864	5.351476	3.3985%
1802	0.180723	5.533345	3.5180%
1801	0.174581	5.728011	3.3999%
1800	0.168840	5.922760	2.8419%
1799	0.164175	6.091077	2.7485%
1798	0.159783	6.258488	2.8261%
1797	0.155391	6.435361	3.7832%
1796	0.149727	6.678824	2.1272%
1795	0.146608	6.820896	3.0879%
1794	0.142217	7.031521	3.1625%
1793	0.137857	7.253894	3.2904%
1792	0.133465	7.492577	3.4024%
1791	0.129074	7.747502	3.2296%
1790	0.125036	7.997712	41.3145%
1780	0.088481	11.301923	29.4353%
1770	0.068359	14.628680	83.4728%
1750	0.037258	26.839655	29.2845%
1740	0.028819	34.699501	94.2514%

1720	0.014836	67.404264	85.8111%
1700	0.007984	125.244591	19.2490%
1690	0.006696	149.352985	88.0250%
1670	0.003561	280.820983	

BASE YEAR: 1859

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	9.822738	0.101805	8.2857%
2001	9.071134	0.110240	1.0000%
2000	8.981320	0.111342	1.0000%
1999	8.892396	0.112456	1.0000%
1998	8.804353	0.113580	1.0000%
1997	8.717181	0.114716	1.0000%
1996	8.630872	0.115863	1.0000%
1995	8.545418	0.117022	0.9992%
1994	8.460875	0.118191	1.0008%
1993	8.377039	0.119374	1.0000%
1992	8.294098	0.120568	0.9295%
1991	8.217714	0.121688	1.2505%
1990	8.116220	0.123210	0.7224%
1989	8.058005	0.124100	1.1077%
1988	7.969727	0.125475	0.8834%
1987	7.899941	0.126583	0.5594%
1986	7.855998	0.127291	1.3056%
1985	7.754750	0.128953	0.7673%
1984	7.695702	0.129943	0.8149%
1983	7.633493	0.131002	0.9737%
1982	7.559879	0.132277	0.9508%
1981	7.488676	0.133535	0.9031%
1980	7.421654	0.134741	2.2701%
1979	7.256917	0.137800	1.0042%
1978	7.184769	0.139183	0.9896%
1977	7.114364	0.140561	0.9103%
1976	7.050184	0.141840	0.8394%
1975	6.991495	0.143031	0.9042%
1974	6.928846	0.144324	1.1568%
1973	6.849611	0.145994	0.9427%
1972	6.785642	0.147370	0.7426%
1971	6.735621	0.148464	1.4697%
1970	6.638059	0.150646	0.6968%
1969	6.592124	0.151696	0.8565%
1968	6.536139	0.152996	1.5090%
1967	6.438973	0.155304	0.9949%
1966	6.375542	0.156849	1.0575%
1965	6.308828	0.158508	1.1300%
1964	6.238334	0.160299	1.5537%
1963	6.142894	0.162790	1.4658%
1962	6.054152	0.165176	1.5364%
1961	5.962541	0.167714	2.1586%
1960	5.836551	0.171334	-1.6655%
1959	5.935404	0.168481	4.3080%

1958	5.690268	0.175739	2.1130%
1957	5.572523	0.179452	1.9895%
1956	5.463820	0.183022	2.1231%
1955	5.350230	0.186908	1.4496%
1954	5.273780	0.189617	2.1573%
1953	5.162414	0.193708	1.2298%
1952	5.099700	0.196090	1.6814%
1951	5.015373	0.199387	1.6233%
1950	4.935260	0.202624	1.4265%
1949	4.865847	0.205514	1.7790%
1948	4.780795	0.209170	1.8242%
1947	4.695148	0.212986	-2.6320%
1946	4.822066	0.207380	3.1768%
1945	4.673595	0.213968	6.4754%
1944	4.389366	0.227823	-0.3437%
1943	4.404503	0.227040	0.6562%
1942	4.375788	0.228530	0.6633%
1941	4.346955	0.230046	-5.6614%
1940	4.607823	0.217022	8.0381%
1939	4.264998	0.234467	0.8126%
1938	4.230619	0.236372	0.7762%
1937	4.198032	0.238207	0.6029%
1936	4.172875	0.239643	0.5244%
1935	4.151106	0.240900	-3.0364%
1934	4.281096	0.233585	4.6271%
1933	4.091765	0.244393	1.3921%
1932	4.035585	0.247796	-0.2051%
1931	4.043879	0.247287	0.8886%
1930	4.008261	0.249485	1.0126%
1929	3.968081	0.252011	1.1526%
1928	3.922866	0.254916	1.2160%
1927	3.875737	0.258015	1.4086%
1926	3.821903	0.261650	1.7667%
1925	3.755554	0.266272	1.4465%
1924	3.702004	0.270124	1.7700%
1923	3.637619	0.274905	1.6165%
1922	3.579752	0.279349	1.3736%
1921	3.531245	0.283186	2.3393%
1920	3.450527	0.289811	1.3140%
1919	3.405774	0.293619	0.7676%
1918	3.379829	0.295873	0.3870%
1917	3.366800	0.297018	1.3274%
1916	3.322694	0.300961	1.4083%
1915	3.276550	0.305199	1.4458%
1914	3.229853	0.309612	1.9424%
1913	3.168312	0.315625	1.9857%
1912	3.106625	0.321893	1.5634%
1911	3.058803	0.326925	1.8169%
1910	3.004219	0.332865	1.8781%
1909	2.948838	0.339117	2.0082%
1908	2.890784	0.345927	1.9603%
1907	2.835207	0.352708	1.8264%
1906	2.784355	0.359150	1.9357%

1905	2.731482	0.366102	2.0148%
1904	2.677534	0.373478	2.1335%
1903	2.621602	0.381446	1.8151%
1902	2.574864	0.388370	1.8943%
1901	2.526994	0.395727	3.0255%
1900	2.452785	0.407700	0.6278%
1899	2.437482	0.410259	1.7757%
1898	2.394956	0.417544	1.8078%
1897	2.352429	0.425092	1.8396%
1896	2.309936	0.432912	1.8755%
1895	2.267410	0.441032	1.9114%
1894	2.224884	0.449462	1.9486%
1893	2.182357	0.458220	1.9858%
1892	2.139864	0.467319	2.0276%
1891	2.097338	0.476795	2.6465%
1890	2.043262	0.489413	1.5328%
1889	2.012416	0.496915	2.0811%
1888	1.971389	0.507257	2.1599%
1887	1.929710	0.518213	2.2075%
1886	1.888031	0.529652	2.2592%
1885	1.846319	0.541618	2.3095%
1884	1.804640	0.554127	2.3641%
1883	1.762962	0.567227	2.4214%
1882	1.721283	0.580962	2.4815%
1881	1.679604	0.595379	3.7644%
1880	1.618671	0.617791	0.9432%
1879	1.603545	0.623618	2.1464%
1878	1.569850	0.637003	2.1913%
1877	1.536188	0.650962	2.2426%
1876	1.502493	0.665561	2.2941%
1875	1.468798	0.680829	2.3456%
1874	1.435135	0.696798	2.4043%
1873	1.401440	0.713552	2.4635%
1872	1.367745	0.731130	2.5258%
1871	1.334050	0.749597	5.9947%
1870	1.258601	0.794533	-1.0968%
1869	1.272558	0.785819	2.1930%
1868	1.245250	0.803051	2.2394%
1867	1.217975	0.821035	2.2935%
1866	1.190667	0.839865	2.3445%
1865	1.163392	0.859556	2.4037%
1864	1.136084	0.880217	2.4599%
1863	1.108808	0.901869	2.5250%
1862	1.081500	0.924641	2.5872%
1861	1.054225	0.948564	2.9504%
1860	1.024012	0.976551	2.4012%
1859	1.000000	1.000000	2.7627%
1858	0.973116	1.027627	2.8412%
1857	0.946231	1.056824	2.9243%
1856	0.919347	1.087729	3.0161%
1855	0.892430	1.120536	3.1061%
1854	0.865546	1.155341	3.2056%
1853	0.838661	1.192376	3.3118%

1852	0.811777	1.231865	3.4252%
1851	0.784893	1.274060	4.0106%
1850	0.754627	1.325157	2.3254%
1849	0.737478	1.355972	2.7841%
1848	0.717503	1.393723	2.8590%
1847	0.697559	1.433570	2.9432%
1846	0.677616	1.475762	3.0324%
1845	0.657673	1.520513	3.1325%
1844	0.637697	1.568143	3.2284%
1843	0.617753	1.618769	3.3361%
1842	0.597810	1.672772	3.4512%
1841	0.577867	1.730502	3.8105%
1840	0.556656	1.796443	2.3861%
1839	0.543683	1.839307	2.5824%
1838	0.529996	1.886805	2.6573%
1837	0.516277	1.936944	2.7232%
1836	0.502591	1.989691	2.7994%
1835	0.488904	2.045391	2.8871%
1834	0.475185	2.104444	2.9657%
1833	0.461498	2.166855	3.0563%
1832	0.447812	2.233081	3.1604%
1831	0.434093	2.303656	3.4660%
1830	0.419551	2.383500	2.4653%
1829	0.409457	2.442260	2.6804%
1828	0.398768	2.507722	10.3427%
1827	0.361391	2.767087	-4.2314%
1826	0.377358	2.650000	2.9150%
1825	0.366670	2.727248	3.0026%
1824	0.355981	2.809136	3.0955%
1823	0.345293	2.896093	3.1944%
1822	0.334604	2.988605	3.3102%
1821	0.323883	3.087534	3.2277%
1820	0.313756	3.187191	2.6573%
1819	0.305634	3.271884	2.6261%
1818	0.297813	3.357807	2.6969%
1817	0.289993	3.448365	2.7717%
1816	0.282172	3.543943	2.8507%
1815	0.274351	3.644970	2.9343%
1814	0.266530	3.751926	3.0231%
1813	0.258709	3.865348	3.1039%
1812	0.250921	3.985325	3.2172%
1811	0.243100	4.113539	3.0969%
1810	0.235797	4.240932	2.9144%
1809	0.229120	4.364529	2.8225%
1808	0.222831	4.487716	2.9199%
1807	0.216509	4.618754	2.9918%
1806	0.210219	4.756937	3.0841%
1805	0.203930	4.903643	3.1822%
1804	0.197641	5.059687	3.2868%
1803	0.191351	5.225988	3.3985%
1802	0.185062	5.403592	3.5180%
1801	0.178773	5.593693	3.3999%
1800	0.172894	5.783876	2.8419%

1799	0.168117	5.948246	2.7485%
1798	0.163620	6.111731	2.8261%
1797	0.159123	6.284456	3.7832%
1796	0.153322	6.522210	2.1272%
1795	0.150129	6.660951	3.0879%
1794	0.145632	6.866637	3.1625%
1793	0.141167	7.083795	3.2904%
1792	0.136670	7.316881	3.4024%
1791	0.132173	7.565828	3.2296%
1790	0.128038	7.810172	41.3145%
1780	0.090605	11.036901	29.4353%
1770	0.070000	14.285648	83.4728%
1750	0.038153	26.210284	29.2845%
1740	0.029511	33.885822	94.2514%
1720	0.015192	65.823681	85.8111%
1700	0.008176	122.307692	19.2490%
1690	0.006856	145.850760	88.0250%
1670	0.003646	274.235925	

BASE YEAR: 1858

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	10.094111	0.099068	8.2857%
2001	9.321743	0.107276	1.0000%
2000	9.229448	0.108349	1.0000%
1999	9.138067	0.109432	1.0000%
1998	9.047591	0.110527	1.0000%
1997	8.958011	0.111632	1.0000%
1996	8.869318	0.112748	1.0000%
1995	8.781503	0.113876	0.9992%
1994	8.694624	0.115014	1.0008%
1993	8.608473	0.116165	1.0000%
1992	8.523240	0.117326	0.9295%
1991	8.444746	0.118417	1.2505%
1990	8.340447	0.119898	0.7224%
1989	8.280624	0.120764	1.1077%
1988	8.189907	0.122102	0.8834%
1987	8.118194	0.123180	0.5594%
1986	8.073036	0.123869	1.3056%
1985	7.968991	0.125486	0.7673%
1984	7.908312	0.126449	0.8149%
1983	7.844384	0.127480	0.9737%
1982	7.768736	0.128721	0.9508%
1981	7.695566	0.129945	0.9031%
1980	7.626692	0.131118	2.2701%
1979	7.457404	0.134095	1.0042%
1978	7.383263	0.135441	0.9896%
1977	7.310914	0.136782	0.9103%
1976	7.244960	0.138027	0.8394%
1975	7.184649	0.139186	0.9042%
1974	7.120270	0.140444	1.1568%
1973	7.038845	0.142069	0.9427%

1972	6.973110	0.143408	0.7426%
1971	6.921707	0.144473	1.4697%
1970	6.821449	0.146596	0.6968%
1969	6.774245	0.147618	0.8565%
1968	6.716714	0.148882	1.5090%
1967	6.616863	0.151129	0.9949%
1966	6.551679	0.152633	1.0575%
1965	6.483122	0.154247	1.1300%
1964	6.410681	0.155990	1.5537%
1963	6.312605	0.158413	1.4658%
1962	6.221410	0.160735	1.5364%
1961	6.127269	0.163205	2.1586%
1960	5.997798	0.166728	-1.6655%
1959	6.099382	0.163951	4.3080%
1958	5.847473	0.171014	2.1130%
1957	5.726475	0.174627	1.9895%
1956	5.614770	0.178102	2.1231%
1955	5.498041	0.181883	1.4496%
1954	5.419480	0.184520	2.1573%
1953	5.305037	0.188500	1.2298%
1952	5.240590	0.190818	1.6814%
1951	5.153933	0.194027	1.6233%
1950	5.071607	0.197176	1.4265%
1949	5.000276	0.199989	1.7790%
1948	4.912874	0.203547	1.8242%
1947	4.824861	0.207260	-2.6320%
1946	4.955286	0.201805	3.1768%
1945	4.802713	0.208216	6.4754%
1944	4.510631	0.221698	-0.3437%
1943	4.526187	0.220937	0.6562%
1942	4.496678	0.222386	0.6633%
1941	4.467048	0.223861	-5.6614%
1940	4.735124	0.211188	8.0381%
1939	4.382828	0.228163	0.8126%
1938	4.347498	0.230017	0.7762%
1937	4.314011	0.231803	0.6029%
1936	4.288159	0.233200	0.5244%
1935	4.265789	0.234423	-3.0364%
1934	4.399370	0.227305	4.6271%
1933	4.204809	0.237823	1.3921%
1932	4.147077	0.241134	-0.2051%
1931	4.155599	0.240639	0.8886%
1930	4.118998	0.242778	1.0126%
1929	4.077707	0.245236	1.1526%
1928	4.031244	0.248062	1.2160%
1927	3.982813	0.251079	1.4086%
1926	3.927491	0.254615	1.7667%
1925	3.859309	0.259114	1.4465%
1924	3.804280	0.262862	1.7700%
1923	3.738116	0.267514	1.6165%
1922	3.678650	0.271839	1.3736%
1921	3.628803	0.275573	2.3393%
1920	3.545855	0.282019	1.3140%

1919	3.499866	0.285725	0.7676%
1918	3.473204	0.287919	0.3870%
1917	3.459815	0.289033	1.3274%
1916	3.414490	0.292870	1.4083%
1915	3.367072	0.296994	1.4458%
1914	3.319084	0.301288	1.9424%
1913	3.255844	0.307140	1.9857%
1912	3.192452	0.313239	1.5634%
1911	3.143309	0.318136	1.8169%
1910	3.087217	0.323916	1.8781%
1909	3.030306	0.330000	2.0082%
1908	2.970648	0.336627	1.9603%
1907	2.913536	0.343226	1.8264%
1906	2.861279	0.349494	1.9357%
1905	2.806945	0.356259	2.0148%
1904	2.751507	0.363437	2.1335%
1903	2.694029	0.371191	1.8151%
1902	2.646000	0.377929	1.8943%
1901	2.596808	0.385088	3.0255%
1900	2.520548	0.396739	0.6278%
1899	2.504822	0.399230	1.7757%
1898	2.461121	0.406319	1.8078%
1897	2.417420	0.413664	1.8396%
1896	2.373753	0.421274	1.8755%
1895	2.330052	0.429175	1.9114%
1894	2.286351	0.437378	1.9486%
1893	2.242650	0.445901	1.9858%
1892	2.198982	0.454756	2.0276%
1891	2.155281	0.463977	2.6465%
1890	2.099712	0.476256	1.5328%
1889	2.068013	0.483556	2.0811%
1888	2.025852	0.493619	2.1599%
1887	1.983022	0.504281	2.2075%
1886	1.940192	0.515413	2.2592%
1885	1.897328	0.527057	2.3095%
1884	1.854497	0.539230	2.3641%
1883	1.811667	0.551978	2.4214%
1882	1.768837	0.565343	2.4815%
1881	1.726006	0.579372	3.7644%
1880	1.663390	0.601182	0.9432%
1879	1.647847	0.606853	2.1464%
1878	1.613221	0.619878	2.1913%
1877	1.578628	0.633461	2.2426%
1876	1.544002	0.647667	2.2941%
1875	1.509376	0.662525	2.3456%
1874	1.474784	0.678065	2.4043%
1873	1.440158	0.694368	2.4635%
1872	1.405532	0.711474	2.5258%
1871	1.370906	0.729445	5.9947%
1870	1.293373	0.773172	-1.0968%
1869	1.307715	0.764692	2.1930%
1868	1.279653	0.781462	2.2394%
1867	1.251624	0.798962	2.2935%

1866	1.223562	0.817286	2.3445%
1865	1.195533	0.836447	2.4037%
1864	1.167470	0.856553	2.4599%
1863	1.139441	0.877623	2.5250%
1862	1.111379	0.899783	2.5872%
1861	1.083350	0.923063	2.9504%
1860	1.052303	0.950297	2.4012%
1859	1.027627	0.973116	2.7627%
1858	1.000000	1.000000	2.8412%
1857	0.972373	1.028412	2.9243%
1856	0.944746	1.058486	3.0161%
1855	0.917085	1.090411	3.1061%
1854	0.889458	1.124280	3.2056%
1853	0.861831	1.160320	3.3118%
1852	0.834204	1.198748	3.4252%
1851	0.806577	1.239807	4.0106%
1850	0.775476	1.289531	2.3254%
1849	0.757853	1.319517	2.7841%
1848	0.737325	1.356254	2.8590%
1847	0.716831	1.395029	2.9432%
1846	0.696336	1.436087	3.0324%
1845	0.675842	1.479635	3.1325%
1844	0.655314	1.525985	3.2284%
1843	0.634820	1.575249	3.3361%
1842	0.614326	1.627800	3.4512%
1841	0.593832	1.683979	3.8105%
1840	0.572034	1.748147	2.3861%
1839	0.558703	1.789859	2.5824%
1838	0.544639	1.836080	2.6573%
1837	0.530540	1.884870	2.7232%
1836	0.516476	1.936199	2.7994%
1835	0.502411	1.990402	2.8871%
1834	0.488313	2.047867	2.9657%
1833	0.474248	2.108600	3.0563%
1832	0.460184	2.173046	3.1604%
1831	0.446085	2.241724	3.4660%
1830	0.431142	2.319421	2.4653%
1829	0.420769	2.376602	2.6804%
1828	0.409785	2.440304	10.3427%
1827	0.371375	2.692696	-4.2314%
1826	0.387784	2.578756	2.9150%
1825	0.376800	2.653928	3.0026%
1824	0.365816	2.733614	3.0955%
1823	0.354832	2.818233	3.1944%
1822	0.343848	2.908259	3.3102%
1821	0.332831	3.004528	3.2277%
1820	0.322424	3.101506	2.6573%
1819	0.314078	3.183922	2.6261%
1818	0.306041	3.267535	2.6969%
1817	0.298004	3.355658	2.7717%
1816	0.289967	3.448666	2.8507%
1815	0.281930	3.546977	2.9343%
1814	0.273893	3.651058	3.0231%

1813	0.265856	3.761431	3.1039%
1812	0.257853	3.878182	3.2172%
1811	0.249816	4.002949	3.0969%
1810	0.242312	4.126917	2.9144%
1809	0.235450	4.247191	2.8225%
1808	0.228987	4.367066	2.9199%
1807	0.222490	4.494582	2.9918%
1806	0.216027	4.629050	3.0841%
1805	0.209564	4.771812	3.1822%
1804	0.203101	4.923660	3.2868%
1803	0.196638	5.085490	3.3985%
1802	0.190175	5.258320	3.5180%
1801	0.183712	5.443310	3.3999%
1800	0.177671	5.628380	2.8419%
1799	0.172761	5.788331	2.7485%
1798	0.168140	5.947421	2.8261%
1797	0.163519	6.115503	3.7832%
1796	0.157558	6.346865	2.1272%
1795	0.154276	6.481875	3.0879%
1794	0.149655	6.682032	3.1625%
1793	0.145067	6.893352	3.2904%
1792	0.140446	7.120172	3.4024%
1791	0.135825	7.362426	3.2296%
1790	0.131575	7.600200	41.3145%
1780	0.093108	10.740181	29.4353%
1770	0.071934	13.901587	83.4728%
1750	0.039207	25.505637	29.2845%
1740	0.030326	32.974823	94.2514%
1720	0.015612	64.054054	85.8111%
1700	0.008402	119.019530	19.2490%
1690	0.007046	141.929658	88.0250%
1670	0.003747	266.863271	

BASE YEAR: 1857

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	10.380905	0.096331	8.2857%
2001	9.586593	0.104312	1.0000%
2000	9.491675	0.105355	1.0000%
1999	9.397698	0.106409	1.0000%
1998	9.304652	0.107473	1.0000%
1997	9.212526	0.108548	1.0000%
1996	9.121313	0.109633	1.0000%
1995	9.031003	0.110730	0.9992%
1994	8.941656	0.111836	1.0008%
1993	8.853057	0.112955	1.0000%
1992	8.765403	0.114085	0.9295%
1991	8.684678	0.115145	1.2505%
1990	8.577416	0.116585	0.7224%
1989	8.515894	0.117427	1.1077%
1988	8.422599	0.118728	0.8834%
1987	8.348848	0.119777	0.5594%

1986	8.302407	0.120447	1.3056%
1985	8.195406	0.122020	0.7673%
1984	8.133003	0.122956	0.8149%
1983	8.067259	0.123958	0.9737%
1982	7.989462	0.125165	0.9508%
1981	7.914213	0.126355	0.9031%
1980	7.843382	0.127496	2.2701%
1979	7.669284	0.130390	1.0042%
1978	7.593036	0.131700	0.9896%
1977	7.518631	0.133003	0.9103%
1976	7.450804	0.134214	0.8394%
1975	7.388780	0.135340	0.9042%
1974	7.322571	0.136564	1.1568%
1973	7.238833	0.138144	0.9427%
1972	7.171230	0.139446	0.7426%
1971	7.118366	0.140482	1.4697%
1970	7.015260	0.142546	0.6968%
1969	6.966715	0.143540	0.8565%
1968	6.907549	0.144769	1.5090%
1967	6.804861	0.146954	0.9949%
1966	6.737826	0.148416	1.0575%
1965	6.667321	0.149985	1.1300%
1964	6.592821	0.151680	1.5537%
1963	6.491959	0.154037	1.4658%
1962	6.398173	0.156295	1.5364%
1961	6.301357	0.158696	2.1586%
1960	6.168208	0.162122	-1.6655%
1959	6.272678	0.159422	4.3080%
1958	6.013612	0.166289	2.1130%
1957	5.889176	0.169803	1.9895%
1956	5.774297	0.173181	2.1231%
1955	5.654251	0.176858	1.4496%
1954	5.573458	0.179422	2.1573%
1953	5.455763	0.183292	1.2298%
1952	5.389486	0.185546	1.6814%
1951	5.300367	0.188666	1.6233%
1950	5.215702	0.191729	1.4265%
1949	5.142344	0.194464	1.7790%
1948	5.052459	0.197923	1.8242%
1947	4.961945	0.201534	-2.6320%
1946	5.096076	0.196229	3.1768%
1945	4.939168	0.202463	6.4754%
1944	4.638787	0.215574	-0.3437%
1943	4.654785	0.214833	0.6562%
1942	4.624438	0.216242	0.6633%
1941	4.593966	0.217677	-5.6614%
1940	4.869659	0.205353	8.0381%
1939	4.507353	0.221860	0.8126%
1938	4.471020	0.223663	0.7762%
1937	4.436581	0.225399	0.6029%
1936	4.409994	0.226758	0.5244%
1935	4.386989	0.227947	-3.0364%
1934	4.524365	0.221025	4.6271%

1933	4.324276	0.231253	1.3921%
1932	4.264903	0.234472	-0.2051%
1931	4.273668	0.233991	0.8886%
1930	4.236027	0.236070	1.0126%
1929	4.193563	0.238461	1.1526%
1928	4.145780	0.241209	1.2160%
1927	4.095972	0.244142	1.4086%
1926	4.039079	0.247581	1.7667%
1925	3.968960	0.251955	1.4465%
1924	3.912367	0.255600	1.7700%
1923	3.844324	0.260124	1.6165%
1922	3.783168	0.264329	1.3736%
1921	3.731905	0.267960	2.3393%
1920	3.646600	0.274228	1.3140%
1919	3.599304	0.277831	0.7676%
1918	3.571885	0.279964	0.3870%
1917	3.558116	0.281048	1.3274%
1916	3.511503	0.284778	1.4083%
1915	3.462737	0.288789	1.4458%
1914	3.413386	0.292964	1.9424%
1913	3.348349	0.298655	1.9857%
1912	3.283156	0.304585	1.5634%
1911	3.232617	0.309347	1.8169%
1910	3.174931	0.314967	1.8781%
1909	3.116403	0.320883	2.0082%
1908	3.055050	0.327327	1.9603%
1907	2.996315	0.333743	1.8264%
1906	2.942573	0.339839	1.9357%
1905	2.886696	0.346417	2.0148%
1904	2.829683	0.353396	2.1335%
1903	2.770572	0.360936	1.8151%
1902	2.721178	0.367488	1.8943%
1901	2.670588	0.374449	3.0255%
1900	2.592162	0.385778	0.6278%
1899	2.575989	0.388200	1.7757%
1898	2.531047	0.395093	1.8078%
1897	2.486104	0.402236	1.8396%
1896	2.441196	0.409635	1.8755%
1895	2.396253	0.417318	1.9114%
1894	2.351310	0.425295	1.9486%
1893	2.306368	0.433582	1.9858%
1892	2.261460	0.442192	2.0276%
1891	2.216517	0.451158	2.6465%
1890	2.159369	0.463098	1.5328%
1889	2.126769	0.470197	2.0811%
1888	2.083411	0.479982	2.1599%
1887	2.039364	0.490349	2.2075%
1886	1.995316	0.501174	2.2592%
1885	1.951235	0.512496	2.3095%
1884	1.907187	0.524332	2.3641%
1883	1.863140	0.536728	2.4214%
1882	1.819093	0.549725	2.4815%
1881	1.775046	0.563366	3.7644%

1880	1.710650	0.584573	0.9432%
1879	1.694665	0.590087	2.1464%
1878	1.659056	0.602753	2.1913%
1877	1.623480	0.615961	2.2426%
1876	1.587871	0.629774	2.2941%
1875	1.552261	0.644222	2.3456%
1874	1.516686	0.659332	2.4043%
1873	1.481076	0.675185	2.4635%
1872	1.445466	0.691818	2.5258%
1871	1.409856	0.709292	5.9947%
1870	1.330120	0.751812	-1.0968%
1869	1.344870	0.743566	2.1930%
1868	1.316011	0.759872	2.2394%
1867	1.287185	0.776889	2.2935%
1866	1.258326	0.794707	2.3445%
1865	1.229500	0.813339	2.4037%
1864	1.200641	0.832889	2.4599%
1863	1.171815	0.853377	2.5250%
1862	1.142956	0.874925	2.5872%
1861	1.114130	0.897561	2.9504%
1860	1.082201	0.924043	2.4012%
1859	1.056824	0.946231	2.7627%
1858	1.028412	0.972373	2.8412%
1857	1.000000	1.000000	2.9243%
1856	0.971588	1.029243	3.0161%
1855	0.943142	1.060286	3.1061%
1854	0.914729	1.093219	3.2056%
1853	0.886317	1.128264	3.3118%
1852	0.857905	1.165630	3.4252%
1851	0.829493	1.205555	4.0106%
1850	0.797508	1.253905	2.3254%
1849	0.779385	1.283063	2.7841%
1848	0.758274	1.318785	2.8590%
1847	0.737197	1.356489	2.9432%
1846	0.716121	1.396412	3.0324%
1845	0.695044	1.438757	3.1325%
1844	0.673933	1.483826	3.2284%
1843	0.652857	1.531730	3.3361%
1842	0.631780	1.582829	3.4512%
1841	0.610704	1.637456	3.8105%
1840	0.588287	1.699851	2.3861%
1839	0.574577	1.740410	2.5824%
1838	0.560113	1.785354	2.6573%
1837	0.545614	1.832797	2.7232%
1836	0.531150	1.882708	2.7994%
1835	0.516686	1.935413	2.8871%
1834	0.502187	1.991291	2.9657%
1833	0.487723	2.050346	3.0563%
1832	0.473258	2.113011	3.1604%
1831	0.458760	2.179791	3.4660%
1830	0.443392	2.255342	2.4653%
1829	0.432724	2.310943	2.6804%
1828	0.421428	2.372886	10.3427%

1827	0.381927	2.618305	-4.2314%
1826	0.398802	2.507513	2.9150%
1825	0.387506	2.580608	3.0026%
1824	0.376210	2.658092	3.0955%
1823	0.364914	2.740374	3.1944%
1822	0.353618	2.827912	3.3102%
1821	0.342287	2.921521	3.2277%
1820	0.331585	3.015820	2.6573%
1819	0.323002	3.095959	2.6261%
1818	0.314736	3.177262	2.6969%
1817	0.306471	3.262951	2.7717%
1816	0.298206	3.353390	2.8507%
1815	0.289940	3.448984	2.9343%
1814	0.281675	3.550190	3.0231%
1813	0.273410	3.657514	3.1039%
1812	0.265179	3.771039	3.2172%
1811	0.256914	3.892359	3.0969%
1810	0.249196	4.012902	2.9144%
1809	0.242139	4.129854	2.8225%
1808	0.235493	4.246417	2.9199%
1807	0.228812	4.370409	2.9918%
1806	0.222165	4.501163	3.0841%
1805	0.215518	4.639981	3.1822%
1804	0.208871	4.787634	3.2868%
1803	0.202225	4.944993	3.3985%
1802	0.195578	5.113048	3.5180%
1801	0.188931	5.292927	3.3999%
1800	0.182719	5.472884	2.8419%
1799	0.177670	5.628416	2.7485%
1798	0.172917	5.783111	2.8261%
1797	0.168165	5.946549	3.7832%
1796	0.162035	6.171520	2.1272%
1795	0.158660	6.302800	3.0879%
1794	0.153907	6.497427	3.1625%
1793	0.149189	6.702909	3.2904%
1792	0.144436	6.923462	3.4024%
1791	0.139684	7.159024	3.2296%
1790	0.135314	7.390229	41.3145%
1780	0.095754	10.443461	29.4353%
1770	0.073978	13.517527	83.4728%
1750	0.040321	24.800991	29.2845%
1740	0.031188	32.063825	94.2514%
1720	0.016055	62.284427	85.8111%
1700	0.008641	115.731367	19.2490%
1690	0.007246	138.008555	88.0250%
1670	0.003854	259.490617	

BASE YEAR: 1856

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	10.684473	0.093594	8.2857%
2001	9.866932	0.101349	1.0000%

2000	9.769239	0.102362	1.0000%
1999	9.672514	0.103386	1.0000%
1998	9.576746	0.104420	1.0000%
1997	9.481927	0.105464	1.0000%
1996	9.388047	0.106518	1.0000%
1995	9.295096	0.107584	0.9992%
1994	9.203136	0.108659	1.0008%
1993	9.111946	0.109746	1.0000%
1992	9.021728	0.110844	0.9295%
1991	8.938643	0.111874	1.2505%
1990	8.828245	0.113273	0.7224%
1989	8.764923	0.114091	1.1077%
1988	8.668900	0.115355	0.8834%
1987	8.592992	0.116374	0.5594%
1986	8.545194	0.117025	1.3056%
1985	8.435063	0.118553	0.7673%
1984	8.370835	0.119462	0.8149%
1983	8.303169	0.120436	0.9737%
1982	8.223097	0.121609	0.9508%
1981	8.145647	0.122765	0.9031%
1980	8.072745	0.123874	2.2701%
1979	7.893556	0.126686	1.0042%
1978	7.815079	0.127958	0.9896%
1977	7.738498	0.129224	0.9103%
1976	7.668687	0.130400	0.8394%
1975	7.604849	0.131495	0.9042%
1974	7.536704	0.132684	1.1568%
1973	7.450518	0.134219	0.9427%
1972	7.380937	0.135484	0.7426%
1971	7.326528	0.136490	1.4697%
1970	7.220407	0.138496	0.6968%
1969	7.170442	0.139461	0.8565%
1968	7.109546	0.140656	1.5090%
1967	7.003855	0.142779	0.9949%
1966	6.934859	0.144199	1.0575%
1965	6.862293	0.145724	1.1300%
1964	6.785614	0.147371	1.5537%
1963	6.681802	0.149660	1.4658%
1962	6.585274	0.151854	1.5364%
1961	6.485627	0.154187	2.1586%
1960	6.348584	0.157515	-1.6655%
1959	6.456109	0.154892	4.3080%
1958	6.189467	0.161565	2.1130%
1957	6.061392	0.164979	1.9895%
1956	5.943154	0.168261	2.1231%
1955	5.819598	0.171833	1.4496%
1954	5.736442	0.174324	2.1573%
1953	5.615306	0.178085	1.2298%
1952	5.547090	0.180275	1.6814%
1951	5.455365	0.183306	1.6233%
1950	5.368224	0.186281	1.4265%
1949	5.292721	0.188939	1.7790%
1948	5.200207	0.192300	1.8242%

1947	5.107047	0.195808	-2.6320%
1946	5.245100	0.190654	3.1768%
1945	5.083604	0.196711	6.4754%
1944	4.774439	0.209449	-0.3437%
1943	4.790904	0.208729	0.6562%
1942	4.759670	0.210099	0.6633%
1941	4.728307	0.211492	-5.6614%
1940	5.012061	0.199519	8.0381%
1939	4.639161	0.215556	0.8126%
1938	4.601765	0.217308	0.7762%
1937	4.566319	0.218995	0.6029%
1936	4.538955	0.220315	0.5244%
1935	4.515277	0.221470	-3.0364%
1934	4.656671	0.214746	4.6271%
1933	4.450730	0.224682	1.3921%
1932	4.389621	0.227810	-0.2051%
1931	4.398642	0.227343	0.8886%
1930	4.359900	0.229363	1.0126%
1929	4.316195	0.231686	1.1526%
1928	4.267014	0.234356	1.2160%
1927	4.215750	0.237206	1.4086%
1926	4.157193	0.240547	1.7667%
1925	4.085023	0.244797	1.4465%
1924	4.026776	0.248338	1.7700%
1923	3.956743	0.252733	1.6165%
1922	3.893799	0.256819	1.3736%
1921	3.841036	0.260346	2.3393%
1920	3.753237	0.266437	1.3140%
1919	3.704558	0.269938	0.7676%
1918	3.676337	0.272010	0.3870%
1917	3.662165	0.273063	1.3274%
1916	3.614189	0.276687	1.4083%
1915	3.563998	0.280584	1.4458%
1914	3.513204	0.284640	1.9424%
1913	3.446264	0.290169	1.9857%
1912	3.379165	0.295931	1.5634%
1911	3.327148	0.300558	1.8169%
1910	3.267775	0.306019	1.8781%
1909	3.207536	0.311766	2.0082%
1908	3.144389	0.318027	1.9603%
1907	3.083936	0.324261	1.8264%
1906	3.028623	0.330183	1.9357%
1905	2.971112	0.336574	2.0148%
1904	2.912431	0.343356	2.1335%
1903	2.851591	0.350681	1.8151%
1902	2.800754	0.357047	1.8943%
1901	2.748684	0.363810	3.0255%
1900	2.667965	0.374818	0.6278%
1899	2.651319	0.377171	1.7757%
1898	2.605062	0.383868	1.8078%
1897	2.558805	0.390807	1.8396%
1896	2.512583	0.397997	1.8755%
1895	2.466326	0.405461	1.9114%

1894	2.420069	0.413211	1.9486%
1893	2.373813	0.421263	1.9858%
1892	2.327591	0.429629	2.0276%
1891	2.281334	0.438340	2.6465%
1890	2.222515	0.449941	1.5328%
1889	2.188962	0.456838	2.0811%
1888	2.144336	0.466345	2.1599%
1887	2.099000	0.476417	2.2075%
1886	2.053665	0.486934	2.2592%
1885	2.008294	0.497935	2.3095%
1884	1.962959	0.509435	2.3641%
1883	1.917624	0.521479	2.4214%
1882	1.872288	0.534106	2.4815%
1881	1.826953	0.547359	3.7644%
1880	1.760674	0.567964	0.9432%
1879	1.744222	0.573321	2.1464%
1878	1.707571	0.585627	2.1913%
1877	1.670956	0.598460	2.2426%
1876	1.634305	0.611881	2.2941%
1875	1.597653	0.625918	2.3456%
1874	1.561038	0.640599	2.4043%
1873	1.524387	0.656001	2.4635%
1872	1.487736	0.672162	2.5258%
1871	1.451085	0.689140	5.9947%
1870	1.369017	0.730451	-1.0968%
1869	1.384198	0.722440	2.1930%
1868	1.354495	0.738283	2.2394%
1867	1.324826	0.754816	2.2935%
1866	1.295123	0.772128	2.3445%
1865	1.265454	0.790230	2.4037%
1864	1.235751	0.809225	2.4599%
1863	1.206083	0.829131	2.5250%
1862	1.176379	0.850066	2.5872%
1861	1.146711	0.872060	2.9504%
1860	1.113848	0.897789	2.4012%
1859	1.087729	0.919347	2.7627%
1858	1.058486	0.944746	2.8412%
1857	1.029243	0.971588	2.9243%
1856	1.000000	1.000000	3.0161%
1855	0.970722	1.030161	3.1061%
1854	0.941479	1.062159	3.2056%
1853	0.912236	1.096208	3.3118%
1852	0.882993	1.132512	3.4252%
1851	0.853750	1.171303	4.0106%
1850	0.820830	1.218279	2.3254%
1849	0.802176	1.246609	2.7841%
1848	0.780448	1.281315	2.8590%
1847	0.758755	1.317948	2.9432%
1846	0.737062	1.356738	3.0324%
1845	0.715369	1.397879	3.1325%
1844	0.693641	1.441668	3.2284%
1843	0.671948	1.488210	3.3361%
1842	0.650255	1.537858	3.4512%

1841	0.628562	1.590932	3.8105%
1840	0.605490	1.651554	2.3861%
1839	0.591380	1.690961	2.5824%
1838	0.576492	1.734629	2.6573%
1837	0.561570	1.780723	2.7232%
1836	0.546682	1.829216	2.7994%
1835	0.531795	1.880424	2.8871%
1834	0.516872	1.934714	2.9657%
1833	0.501985	1.992092	3.0563%
1832	0.487098	2.052976	3.1604%
1831	0.472175	2.117859	3.4660%
1830	0.456358	2.191263	2.4653%
1829	0.445378	2.245285	2.6804%
1828	0.433752	2.305467	10.3427%
1827	0.393095	2.543913	-4.2314%
1826	0.410464	2.436269	2.9150%
1825	0.398837	2.507288	3.0026%
1824	0.387211	2.582570	3.0955%
1823	0.375585	2.662514	3.1944%
1822	0.363959	2.747565	3.3102%
1821	0.352297	2.838515	3.2277%
1820	0.341281	2.930135	2.6573%
1819	0.332447	3.007997	2.6261%
1818	0.323940	3.086990	2.6969%
1817	0.315433	3.170244	2.7717%
1816	0.306926	3.258113	2.8507%
1815	0.298419	3.350992	2.9343%
1814	0.289912	3.449321	3.0231%
1813	0.281405	3.553596	3.1039%
1812	0.272934	3.663896	3.2172%
1811	0.264426	3.781769	3.0969%
1810	0.256483	3.898888	2.9144%
1809	0.249220	4.012516	2.8225%
1808	0.242379	4.125768	2.9199%
1807	0.235503	4.246237	2.9918%
1806	0.228662	4.373275	3.0841%
1805	0.221821	4.508150	3.1822%
1804	0.214979	4.651608	3.2868%
1803	0.208138	4.804496	3.3985%
1802	0.201297	4.967776	3.5180%
1801	0.194456	5.142545	3.3999%
1800	0.188062	5.317388	2.8419%
1799	0.182865	5.468502	2.7485%
1798	0.177974	5.618801	2.8261%
1797	0.173082	5.777596	3.7832%
1796	0.166773	5.996174	2.1272%
1795	0.163299	6.123725	3.0879%
1794	0.158408	6.312822	3.1625%
1793	0.153552	6.512465	3.2904%
1792	0.148660	6.726753	3.4024%
1791	0.143769	6.955621	3.2296%
1790	0.139271	7.180257	41.3145%
1780	0.098554	10.146741	29.4353%

1770	0.076141	13.133467	83.4728%
1750	0.041500	24.096344	29.2845%
1740	0.032100	31.152827	94.2514%
1720	0.016525	60.514801	85.8111%
1700	0.008893	112.443204	19.2490%
1690	0.007458	134.087452	88.0250%
1670	0.003966	252.117962	

BASE YEAR: 1855

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	11.006732	0.090853	8.2857%
2001	10.164533	0.098381	1.0000%
2000	10.063893	0.099365	1.0000%
1999	9.964250	0.100359	1.0000%
1998	9.865594	0.101362	1.0000%
1997	9.767915	0.102376	1.0000%
1996	9.671203	0.103400	1.0000%
1995	9.575449	0.104434	0.9992%
1994	9.480715	0.105477	1.0008%
1993	9.386775	0.106533	1.0000%
1992	9.293836	0.107598	0.9295%
1991	9.208245	0.108598	1.2505%
1990	9.094517	0.109956	0.7224%
1989	9.029285	0.110751	1.1077%
1988	8.930366	0.111977	0.8834%
1987	8.852169	0.112967	0.5594%
1986	8.802929	0.113599	1.3056%
1985	8.689476	0.115082	0.7673%
1984	8.623311	0.115965	0.8149%
1983	8.553604	0.116910	0.9737%
1982	8.471117	0.118048	0.9508%
1981	8.391331	0.119171	0.9031%
1980	8.316230	0.120247	2.2701%
1979	8.131637	0.122976	1.0042%
1978	8.050792	0.124211	0.9896%
1977	7.971902	0.125441	0.9103%
1976	7.899985	0.126583	0.8394%
1975	7.834222	0.127645	0.9042%
1974	7.764022	0.128799	1.1568%
1973	7.675236	0.130289	0.9427%
1972	7.603557	0.131517	0.7426%
1971	7.547506	0.132494	1.4697%
1970	7.438184	0.134441	0.6968%
1969	7.386712	0.135378	0.8565%
1968	7.323979	0.136538	1.5090%
1967	7.215101	0.138598	0.9949%
1966	7.144024	0.139977	1.0575%
1965	7.069269	0.141457	1.1300%
1964	6.990278	0.143056	1.5537%
1963	6.883335	0.145278	1.4658%
1962	6.783895	0.147408	1.5364%

1961	6.681242	0.149673	2.1586%
1960	6.540066	0.152904	-1.6655%
1959	6.650834	0.150357	4.3080%
1958	6.376150	0.156834	2.1130%
1957	6.244212	0.160148	1.9895%
1956	6.122407	0.163334	2.1231%
1955	5.995125	0.166802	1.4496%
1954	5.909461	0.169220	2.1573%
1953	5.784671	0.172871	1.2298%
1952	5.714398	0.174997	1.6814%
1951	5.619906	0.177939	1.6233%
1950	5.530137	0.180827	1.4265%
1949	5.452357	0.183407	1.7790%
1948	5.357053	0.186670	1.8242%
1947	5.261082	0.190075	-2.6320%
1946	5.403299	0.185072	3.1768%
1945	5.236932	0.190951	6.4754%
1944	4.918443	0.203316	-0.3437%
1943	4.935404	0.202618	0.6562%
1942	4.903228	0.203947	0.6633%
1941	4.870919	0.205300	-5.6614%
1940	5.163232	0.193677	8.0381%
1939	4.779084	0.209245	0.8126%
1938	4.740561	0.210946	0.7762%
1937	4.704046	0.212583	0.6029%
1936	4.675856	0.213865	0.5244%
1935	4.651464	0.214986	-3.0364%
1934	4.797123	0.208458	4.6271%
1933	4.584970	0.218104	1.3921%
1932	4.522019	0.221140	-0.2051%
1931	4.531312	0.220687	0.8886%
1930	4.491401	0.222648	1.0126%
1929	4.446378	0.224902	1.1526%
1928	4.395713	0.227494	1.2160%
1927	4.342903	0.230261	1.4086%
1926	4.282580	0.233504	1.7667%
1925	4.208233	0.237629	1.4465%
1924	4.148229	0.241067	1.7700%
1923	4.076084	0.245334	1.6165%
1922	4.011241	0.249299	1.3736%
1921	3.956887	0.252724	2.3393%
1920	3.866439	0.258636	1.3140%
1919	3.816293	0.262034	0.7676%
1918	3.787221	0.264046	0.3870%
1917	3.772621	0.265068	1.3274%
1916	3.723198	0.268586	1.4083%
1915	3.671493	0.272369	1.4458%
1914	3.619167	0.276307	1.9424%
1913	3.550208	0.281674	1.9857%
1912	3.481085	0.287267	1.5634%
1911	3.427499	0.291758	1.8169%
1910	3.366336	0.297059	1.8781%
1909	3.304280	0.302638	2.0082%

1908	3.239228	0.308716	1.9603%
1907	3.176952	0.314767	1.8264%
1906	3.119970	0.320516	1.9357%
1905	3.060724	0.326720	2.0148%
1904	3.000274	0.333303	2.1335%
1903	2.937599	0.340414	1.8151%
1902	2.885228	0.346593	1.8943%
1901	2.831588	0.353159	3.0255%
1900	2.748434	0.363844	0.6278%
1899	2.731286	0.366128	1.7757%
1898	2.683634	0.372629	1.8078%
1897	2.635982	0.379365	1.8396%
1896	2.588366	0.386344	1.8755%
1895	2.540714	0.393590	1.9114%
1894	2.493062	0.401113	1.9486%
1893	2.445410	0.408929	1.9858%
1892	2.397794	0.417050	2.0276%
1891	2.350142	0.425506	2.6465%
1890	2.289549	0.436767	1.5328%
1889	2.254984	0.443462	2.0811%
1888	2.209012	0.452691	2.1599%
1887	2.162309	0.462469	2.2075%
1886	2.115607	0.472678	2.2592%
1885	2.068867	0.483356	2.3095%
1884	2.022165	0.494520	2.3641%
1883	1.975462	0.506211	2.4214%
1882	1.928759	0.518468	2.4815%
1881	1.882057	0.531334	3.7644%
1880	1.813779	0.551335	0.9432%
1879	1.796830	0.556536	2.1464%
1878	1.759074	0.568481	2.1913%
1877	1.721354	0.580938	2.2426%
1876	1.683597	0.593966	2.2941%
1875	1.645841	0.607592	2.3456%
1874	1.608121	0.621844	2.4043%
1873	1.570364	0.636795	2.4635%
1872	1.532608	0.652483	2.5258%
1871	1.494851	0.668963	5.9947%
1870	1.410308	0.709065	-1.0968%
1869	1.425948	0.701288	2.1930%
1868	1.395348	0.716667	2.2394%
1867	1.364785	0.732716	2.2935%
1866	1.334185	0.749521	2.3445%
1865	1.303622	0.767093	2.4037%
1864	1.273023	0.785532	2.4599%
1863	1.242460	0.804855	2.5250%
1862	1.211860	0.825178	2.5872%
1861	1.181297	0.846527	2.9504%
1860	1.147443	0.871503	2.4012%
1859	1.120536	0.892430	2.7627%
1858	1.090411	0.917085	2.8412%
1857	1.060286	0.943142	2.9243%
1856	1.030161	0.970722	3.0161%

1855	1.000000	1.000000	3.1061%
1854	0.969875	1.031061	3.2056%
1853	0.939750	1.064113	3.3118%
1852	0.909625	1.099354	3.4252%
1851	0.879500	1.137009	4.0106%
1850	0.845587	1.182610	2.3254%
1849	0.826371	1.210110	2.7841%
1848	0.803987	1.243801	2.8590%
1847	0.781640	1.279361	2.9432%
1846	0.759293	1.317015	3.0324%
1845	0.736946	1.356952	3.1325%
1844	0.714562	1.399458	3.2284%
1843	0.692215	1.444638	3.3361%
1842	0.669868	1.492832	3.4512%
1841	0.647521	1.544352	3.8105%
1840	0.623753	1.603200	2.3861%
1839	0.609216	1.641453	2.5824%
1838	0.593880	1.683842	2.6573%
1837	0.578507	1.728587	2.7232%
1836	0.563171	1.775660	2.7994%
1835	0.547835	1.825368	2.8871%
1834	0.532462	1.878069	2.9657%
1833	0.517126	1.933766	3.0563%
1832	0.501789	1.992869	3.1604%
1831	0.486416	2.055852	3.4660%
1830	0.470122	2.127107	2.4653%
1829	0.458811	2.179546	2.6804%
1828	0.446834	2.237967	10.3427%
1827	0.404951	2.469432	-4.2314%
1826	0.422844	2.364940	2.9150%
1825	0.410867	2.433878	3.0026%
1824	0.398890	2.506957	3.0955%
1823	0.386913	2.584560	3.1944%
1822	0.374936	2.667121	3.3102%
1821	0.362923	2.755408	3.2277%
1820	0.351575	2.844345	2.6573%
1819	0.342474	2.919927	2.6261%
1818	0.333711	2.996608	2.6969%
1817	0.324947	3.077424	2.7717%
1816	0.316183	3.162721	2.8507%
1815	0.307420	3.252880	2.9343%
1814	0.298656	3.348331	3.0231%
1813	0.289893	3.449553	3.1039%
1812	0.281166	3.556623	3.2172%
1811	0.272402	3.671046	3.0969%
1810	0.264219	3.784735	2.9144%
1809	0.256737	3.895036	2.8225%
1808	0.249690	4.004972	2.9199%
1807	0.242606	4.121915	2.9918%
1806	0.235558	4.245233	3.0841%
1805	0.228511	4.376159	3.1822%
1804	0.221464	4.515416	3.2868%
1803	0.214416	4.663828	3.3985%

1802	0.207369	4.822328	3.5180%
1801	0.200321	4.991980	3.3999%
1800	0.193734	5.161704	2.8419%
1799	0.188381	5.308393	2.7485%
1798	0.183342	5.454292	2.8261%
1797	0.178303	5.608437	3.7832%
1796	0.171803	5.820616	2.1272%
1795	0.168225	5.944432	3.0879%
1794	0.163186	6.127993	3.1625%
1793	0.158183	6.321791	3.2904%
1792	0.153144	6.529804	3.4024%
1791	0.148105	6.751972	3.2296%
1790	0.143471	6.970032	41.3145%
1780	0.101526	9.849662	29.4353%
1770	0.078438	12.748941	83.4728%
1750	0.042752	23.390844	29.2845%
1740	0.033068	30.240724	94.2514%
1720	0.017023	58.743029	85.8111%
1700	0.009162	109.151056	19.2490%
1690	0.007683	130.161597	88.0250%
1670	0.004086	244.736372	

BASE YEAR: 1854

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	11.348607	0.088117	8.2857%
2001	10.480249	0.095418	1.0000%
2000	10.376483	0.096372	1.0000%
1999	10.273746	0.097335	1.0000%
1998	10.172026	0.098309	1.0000%
1997	10.071312	0.099292	1.0000%
1996	9.971596	0.100285	1.0000%
1995	9.872868	0.101288	0.9992%
1994	9.775192	0.102300	1.0008%
1993	9.678333	0.103324	1.0000%
1992	9.582508	0.104357	0.9295%
1991	9.494258	0.105327	1.2505%
1990	9.376998	0.106644	0.7224%
1989	9.309740	0.107414	1.1077%
1988	9.207748	0.108604	0.8834%
1987	9.127122	0.109564	0.5594%
1986	9.076353	0.110176	1.3056%
1985	8.959377	0.111615	0.7673%
1984	8.891156	0.112471	0.8149%
1983	8.819284	0.113388	0.9737%
1982	8.734234	0.114492	0.9508%
1981	8.651971	0.115581	0.9031%
1980	8.574537	0.116624	2.2701%
1979	8.384210	0.119272	1.0042%
1978	8.300855	0.120470	0.9896%
1977	8.219514	0.121662	0.9103%
1976	8.145364	0.122769	0.8394%

1975	8.077557	0.123800	0.9042%
1974	8.005177	0.124919	1.1568%
1973	7.913633	0.126364	0.9427%
1972	7.839727	0.127555	0.7426%
1971	7.781936	0.128503	1.4697%
1970	7.669219	0.130391	0.6968%
1969	7.616148	0.131300	0.8565%
1968	7.551466	0.132425	1.5090%
1967	7.439206	0.134423	0.9949%
1966	7.365922	0.135760	1.0575%
1965	7.288845	0.137196	1.1300%
1964	7.207400	0.138746	1.5537%
1963	7.097135	0.140902	1.4658%
1962	6.994607	0.142967	1.5364%
1961	6.888765	0.145164	2.1586%
1960	6.743204	0.148297	-1.6655%
1959	6.857413	0.145828	4.3080%
1958	6.574197	0.152110	2.1130%
1957	6.438161	0.155324	1.9895%
1956	6.312573	0.158414	2.1231%
1955	6.181337	0.161777	1.4496%
1954	6.093012	0.164122	2.1573%
1953	5.964346	0.167663	1.2298%
1952	5.891890	0.169725	1.6814%
1951	5.794464	0.172579	1.6233%
1950	5.701906	0.175380	1.4265%
1949	5.621710	0.177882	1.7790%
1948	5.523446	0.181046	1.8242%
1947	5.424495	0.184349	-2.6320%
1946	5.571129	0.179497	3.1768%
1945	5.399594	0.185199	6.4754%
1944	5.071212	0.197192	-0.3437%
1943	5.088701	0.196514	0.6562%
1942	5.055525	0.197803	0.6633%
1941	5.022213	0.199115	-5.6614%
1940	5.323605	0.187843	8.0381%
1939	4.927525	0.202942	0.8126%
1938	4.887805	0.204591	0.7762%
1937	4.850156	0.206179	0.6029%
1936	4.821091	0.207422	0.5244%
1935	4.795941	0.208510	-3.0364%
1934	4.946124	0.202179	4.6271%
1933	4.727382	0.211534	1.3921%
1932	4.662475	0.214478	-0.2051%
1931	4.672057	0.214038	0.8886%
1930	4.630907	0.215940	1.0126%
1929	4.584485	0.218127	1.1526%
1928	4.532247	0.220641	1.2160%
1927	4.477796	0.223324	1.4086%
1926	4.415599	0.226470	1.7667%
1925	4.338944	0.230471	1.4465%
1924	4.277075	0.233805	1.7700%
1923	4.202689	0.237943	1.6165%

1922	4.135833	0.241789	1.3736%
1921	4.079791	0.245111	2.3393%
1920	3.986533	0.250845	1.3140%
1919	3.934829	0.254141	0.7676%
1918	3.904854	0.256092	0.3870%
1917	3.889801	0.257083	1.3274%
1916	3.838843	0.260495	1.4083%
1915	3.785531	0.264164	1.4458%
1914	3.731580	0.267983	1.9424%
1913	3.660480	0.273188	1.9857%
1912	3.589210	0.278613	1.5634%
1911	3.533960	0.282969	1.8169%
1910	3.470896	0.288110	1.8781%
1909	3.406912	0.293521	2.0082%
1908	3.339840	0.299416	1.9603%
1907	3.275630	0.305285	1.8264%
1906	3.216878	0.310860	1.9357%
1905	3.155792	0.316878	2.0148%
1904	3.093464	0.323262	2.1335%
1903	3.028843	0.330159	1.8151%
1902	2.974845	0.336152	1.8943%
1901	2.919539	0.342520	3.0255%
1900	2.833802	0.352883	0.6278%
1899	2.816121	0.355098	1.7757%
1898	2.766989	0.361404	1.8078%
1897	2.717857	0.367937	1.8396%
1896	2.668762	0.374706	1.8755%
1895	2.619630	0.381733	1.9114%
1894	2.570498	0.389030	1.9486%
1893	2.521366	0.396610	1.9858%
1892	2.472271	0.404486	2.0276%
1891	2.423139	0.412688	2.6465%
1890	2.360664	0.423610	1.5328%
1889	2.325025	0.430103	2.0811%
1888	2.277625	0.439054	2.1599%
1887	2.229472	0.448537	2.2075%
1886	2.181318	0.458438	2.2592%
1885	2.133128	0.468795	2.3095%
1884	2.084974	0.479622	2.3641%
1883	2.036821	0.490961	2.4214%
1882	1.988668	0.502849	2.4815%
1881	1.940514	0.515327	3.7644%
1880	1.870116	0.534726	0.9432%
1879	1.852641	0.539770	2.1464%
1878	1.813712	0.551356	2.1913%
1877	1.774820	0.563437	2.2426%
1876	1.735891	0.576073	2.2941%
1875	1.696962	0.589288	2.3456%
1874	1.658070	0.603111	2.4043%
1873	1.619141	0.617611	2.4635%
1872	1.580212	0.632827	2.5258%
1871	1.541282	0.648810	5.9947%
1870	1.454113	0.687704	-1.0968%

1869	1.470238	0.680162	2.1930%
1868	1.438688	0.695078	2.2394%
1867	1.407176	0.710643	2.2935%
1866	1.375626	0.726942	2.3445%
1865	1.344114	0.743985	2.4037%
1864	1.312564	0.761868	2.4599%
1863	1.281051	0.780609	2.5250%
1862	1.249501	0.800319	2.5872%
1861	1.217989	0.821026	2.9504%
1860	1.183083	0.845249	2.4012%
1859	1.155341	0.865546	2.7627%
1858	1.124280	0.889458	2.8412%
1857	1.093219	0.914729	2.9243%
1856	1.062159	0.941479	3.0161%
1855	1.031061	0.969875	3.1061%
1854	1.000000	1.000000	3.2056%
1853	0.968939	1.032056	3.3118%
1852	0.937879	1.066236	3.4252%
1851	0.906818	1.102757	4.0106%
1850	0.871852	1.146984	2.3254%
1849	0.852039	1.173656	2.7841%
1848	0.828960	1.206331	2.8590%
1847	0.805918	1.240820	2.9432%
1846	0.782877	1.277340	3.0324%
1845	0.759836	1.316074	3.1325%
1844	0.736757	1.357300	3.2284%
1843	0.713716	1.401118	3.3361%
1842	0.690674	1.447860	3.4512%
1841	0.667633	1.497829	3.8105%
1840	0.643127	1.554904	2.3861%
1839	0.628139	1.592004	2.5824%
1838	0.612326	1.633116	2.6573%
1837	0.596476	1.676513	2.7232%
1836	0.580663	1.722168	2.7994%
1835	0.564851	1.770379	2.8871%
1834	0.549000	1.821492	2.9657%
1833	0.533188	1.875512	3.0563%
1832	0.517375	1.932834	3.1604%
1831	0.501525	1.993919	3.4660%
1830	0.484724	2.063028	2.4653%
1829	0.473062	2.113888	2.6804%
1828	0.460713	2.170548	10.3427%
1827	0.417529	2.395041	-4.2314%
1826	0.435978	2.293696	2.9150%
1825	0.423629	2.360558	3.0026%
1824	0.411280	2.431435	3.0955%
1823	0.398931	2.506701	3.1944%
1822	0.386582	2.586774	3.3102%
1821	0.374195	2.672402	3.2277%
1820	0.362495	2.758660	2.6573%
1819	0.353112	2.831965	2.6261%
1818	0.344076	2.906335	2.6969%
1817	0.335040	2.984717	2.7717%

1816	0.326004	3.067444	2.8507%
1815	0.316968	3.154888	2.9343%
1814	0.307933	3.247463	3.0231%
1813	0.298897	3.345635	3.1039%
1812	0.289899	3.449481	3.2172%
1811	0.280863	3.560456	3.0969%
1810	0.272426	3.670720	2.9144%
1809	0.264711	3.777699	2.8225%
1808	0.257445	3.884323	2.9199%
1807	0.250141	3.997742	2.9918%
1806	0.242875	4.117346	3.0841%
1805	0.235609	4.244327	3.1822%
1804	0.228342	4.379390	3.2868%
1803	0.221076	4.523331	3.3985%
1802	0.213810	4.677056	3.5180%
1801	0.206543	4.841597	3.3999%
1800	0.199752	5.006209	2.8419%
1799	0.194232	5.148478	2.7485%
1798	0.189037	5.289982	2.8261%
1797	0.183841	5.439484	3.7832%
1796	0.177139	5.645271	2.1272%
1795	0.173450	5.765357	3.0879%
1794	0.168254	5.943388	3.1625%
1793	0.163096	6.131348	3.2904%
1792	0.157901	6.333095	3.4024%
1791	0.152705	6.548570	3.2296%
1790	0.147928	6.760060	41.3145%
1780	0.104680	9.552942	29.4353%
1770	0.080874	12.364881	83.4728%
1750	0.044080	22.686197	29.2845%
1740	0.034095	29.329726	94.2514%
1720	0.017552	56.973402	85.8111%
1700	0.009446	105.862894	19.2490%
1690	0.007921	126.240494	88.0250%
1670	0.004213	237.363718	

BASE YEAR: 1853

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	11.712401	0.085380	8.2857%
2001	10.816207	0.092454	1.0000%
2000	10.709115	0.093378	1.0000%
1999	10.603084	0.094312	1.0000%
1998	10.498103	0.095255	1.0000%
1997	10.394161	0.096208	1.0000%
1996	10.291249	0.097170	1.0000%
1995	10.189355	0.098142	0.9992%
1994	10.088548	0.099122	1.0008%
1993	9.988584	0.100114	1.0000%
1992	9.889688	0.101115	0.9295%
1991	9.798609	0.102055	1.2505%
1990	9.677589	0.103332	0.7224%

1989	9.608175	0.104078	1.1077%
1988	9.502914	0.105231	0.8834%
1987	9.419704	0.106160	0.5594%
1986	9.367306	0.106754	1.3056%
1985	9.246581	0.108148	0.7673%
1984	9.176173	0.108978	0.8149%
1983	9.101997	0.109866	0.9737%
1982	9.014221	0.110936	0.9508%
1981	8.929321	0.111991	0.9031%
1980	8.849405	0.113002	2.2701%
1979	8.652976	0.115567	1.0042%
1978	8.566949	0.116728	0.9896%
1977	8.483000	0.117883	0.9103%
1976	8.406473	0.118956	0.8394%
1975	8.336494	0.119955	0.9042%
1974	8.261793	0.121039	1.1568%
1973	8.167314	0.122439	0.9427%
1972	8.091040	0.123594	0.7426%
1971	8.031396	0.124511	1.4697%
1970	7.915065	0.126341	0.6968%
1969	7.860293	0.127222	0.8565%
1968	7.793538	0.128311	1.5090%
1967	7.677679	0.130248	0.9949%
1966	7.602046	0.131544	1.0575%
1965	7.522498	0.132935	1.1300%
1964	7.438442	0.134437	1.5537%
1963	7.324643	0.136525	1.4658%
1962	7.218828	0.138527	1.5364%
1961	7.109594	0.140655	2.1586%
1960	6.959366	0.143691	-1.6655%
1959	7.077236	0.141298	4.3080%
1958	6.784941	0.147385	2.1130%
1957	6.644545	0.150499	1.9895%
1956	6.514930	0.153494	2.1231%
1955	6.379488	0.156752	1.4496%
1954	6.288332	0.159025	2.1573%
1953	6.155541	0.162455	1.2298%
1952	6.080762	0.164453	1.6814%
1951	5.980213	0.167218	1.6233%
1950	5.884688	0.169933	1.4265%
1949	5.801921	0.172357	1.7790%
1948	5.700507	0.175423	1.8242%
1947	5.598384	0.178623	-2.6320%
1946	5.749718	0.173922	3.1768%
1945	5.572685	0.179447	6.4754%
1944	5.233776	0.191067	-0.3437%
1943	5.251826	0.190410	0.6562%
1942	5.217587	0.191659	0.6633%
1941	5.183206	0.192931	-5.6614%
1940	5.494260	0.182008	8.0381%
1939	5.085483	0.196638	0.8126%
1938	5.044490	0.198236	0.7762%
1937	5.005634	0.199775	0.6029%

1936	4.975637	0.200979	0.5244%
1935	4.949681	0.202033	-3.0364%
1934	5.104678	0.195899	4.6271%
1933	4.878924	0.204963	1.3921%
1932	4.811937	0.207817	-0.2051%
1931	4.821825	0.207390	0.8886%
1930	4.779356	0.209233	1.0126%
1929	4.731446	0.211352	1.1526%
1928	4.677533	0.213788	1.2160%
1927	4.621338	0.216388	1.4086%
1926	4.557147	0.219436	1.7667%
1925	4.478034	0.223312	1.4465%
1924	4.414183	0.226543	1.7700%
1923	4.337412	0.230552	1.6165%
1922	4.268412	0.234279	1.3736%
1921	4.210574	0.237497	2.3393%
1920	4.114327	0.243053	1.3140%
1919	4.060965	0.246247	0.7676%
1918	4.030029	0.248137	0.3870%
1917	4.014493	0.249097	1.3274%
1916	3.961902	0.252404	1.4083%
1915	3.906881	0.255959	1.4458%
1914	3.851201	0.259659	1.9424%
1913	3.777821	0.264703	1.9857%
1912	3.704266	0.269959	1.5634%
1911	3.647245	0.274180	1.8169%
1910	3.582160	0.279161	1.8781%
1909	3.516125	0.284404	2.0082%
1908	3.446903	0.290115	1.9603%
1907	3.380634	0.295802	1.8264%
1906	3.319999	0.301205	1.9357%
1905	3.256955	0.307035	2.0148%
1904	3.192629	0.313221	2.1335%
1903	3.125936	0.319904	1.8151%
1902	3.070207	0.325711	1.8943%
1901	3.013128	0.331881	3.0255%
1900	2.924643	0.341922	0.6278%
1899	2.906396	0.344069	1.7757%
1898	2.855689	0.350178	1.8078%
1897	2.804981	0.356509	1.8396%
1896	2.754313	0.363067	1.8755%
1895	2.703606	0.369876	1.9114%
1894	2.652899	0.376946	1.9486%
1893	2.602191	0.384291	1.9858%
1892	2.551523	0.391923	2.0276%
1891	2.500816	0.399869	2.6465%
1890	2.436338	0.410452	1.5328%
1889	2.399557	0.416744	2.0811%
1888	2.350637	0.425417	2.1599%
1887	2.300940	0.434605	2.2075%
1886	2.251243	0.444199	2.2592%
1885	2.201508	0.454234	2.3095%
1884	2.151811	0.464725	2.3641%

1883	2.102114	0.475712	2.4214%
1882	2.052417	0.487230	2.4815%
1881	2.002720	0.499321	3.7644%
1880	1.930065	0.518117	0.9432%
1879	1.912030	0.523004	2.1464%
1878	1.871853	0.534230	2.1913%
1877	1.831714	0.545937	2.2426%
1876	1.791537	0.558180	2.2941%
1875	1.751360	0.570985	2.3456%
1874	1.711222	0.584378	2.4043%
1873	1.671044	0.598428	2.4635%
1872	1.630867	0.613171	2.5258%
1871	1.590690	0.628658	5.9947%
1870	1.500726	0.666344	-1.0968%
1869	1.517369	0.659036	2.1930%
1868	1.484807	0.673488	2.2394%
1867	1.452285	0.688570	2.2935%
1866	1.419723	0.704363	2.3445%
1865	1.387201	0.720876	2.4037%
1864	1.354639	0.738204	2.4599%
1863	1.322117	0.756363	2.5250%
1862	1.289555	0.775461	2.5872%
1861	1.257033	0.795524	2.9504%
1860	1.221008	0.818995	2.4012%
1859	1.192376	0.838661	2.7627%
1858	1.160320	0.861831	2.8412%
1857	1.128264	0.886317	2.9243%
1856	1.096208	0.912236	3.0161%
1855	1.064113	0.939750	3.1061%
1854	1.032056	0.968939	3.2056%
1853	1.000000	1.000000	3.3118%
1852	0.967944	1.033118	3.4252%
1851	0.935887	1.068505	4.0106%
1850	0.899800	1.111358	2.3254%
1849	0.879352	1.137201	2.7841%
1848	0.855533	1.168862	2.8590%
1847	0.831753	1.202280	2.9432%
1846	0.807973	1.237665	3.0324%
1845	0.784193	1.275196	3.1325%
1844	0.760375	1.315141	3.2284%
1843	0.736595	1.357599	3.3361%
1842	0.712815	1.402889	3.4512%
1841	0.689035	1.451305	3.8105%
1840	0.663743	1.506607	2.3861%
1839	0.648275	1.542556	2.5824%
1838	0.631955	1.582391	2.6573%
1837	0.615597	1.624440	2.7232%
1836	0.599277	1.668677	2.7994%
1835	0.582958	1.715390	2.8871%
1834	0.566599	1.764916	2.9657%
1833	0.550280	1.817257	3.0563%
1832	0.533960	1.872799	3.1604%
1831	0.517602	1.931987	3.4660%

1830	0.500263	1.998949	2.4653%
1829	0.488227	2.048229	2.6804%
1828	0.475482	2.103130	10.3427%
1827	0.430914	2.320649	-4.2314%
1826	0.449953	2.222453	2.9150%
1825	0.437209	2.287238	3.0026%
1824	0.424464	2.355914	3.0955%
1823	0.411719	2.428841	3.1944%
1822	0.398974	2.506428	3.3102%
1821	0.386191	2.589395	3.2277%
1820	0.374115	2.672974	2.6573%
1819	0.364431	2.744003	2.6261%
1818	0.355106	2.816063	2.6969%
1817	0.345780	2.892010	2.7717%
1816	0.336455	2.972168	2.8507%
1815	0.327129	3.056895	2.9343%
1814	0.317804	3.146595	3.0231%
1813	0.308478	3.241718	3.1039%
1812	0.299192	3.342338	3.2172%
1811	0.289866	3.449866	3.0969%
1810	0.281159	3.556705	2.9144%
1809	0.273197	3.660361	2.8225%
1808	0.265698	3.763674	2.9199%
1807	0.258160	3.873570	2.9918%
1806	0.250661	3.989459	3.0841%
1805	0.243161	4.112496	3.1822%
1804	0.235662	4.243364	3.2868%
1803	0.228163	4.382834	3.3985%
1802	0.220664	4.531784	3.5180%
1801	0.213164	4.691214	3.3999%
1800	0.206155	4.850713	2.8419%
1799	0.200459	4.988564	2.7485%
1798	0.195096	5.125672	2.8261%
1797	0.189734	5.270530	3.7832%
1796	0.182818	5.469926	2.1272%
1795	0.179010	5.586282	3.0879%
1794	0.173648	5.758783	3.1625%
1793	0.168325	5.940905	3.2904%
1792	0.162962	6.136385	3.4024%
1791	0.157600	6.345168	3.2296%
1790	0.152670	6.550089	41.3145%
1780	0.108035	9.256222	29.4353%
1770	0.083467	11.980820	83.4728%
1750	0.045493	21.981551	29.2845%
1740	0.035188	28.418728	94.2514%
1720	0.018115	55.203775	85.8111%
1700	0.009749	102.574731	19.2490%
1690	0.008175	122.319392	88.0250%
1670	0.004348	229.991063	

BASE YEAR: 1852

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	12.100291	0.082643	8.2857%
2001	11.174417	0.089490	1.0000%
2000	11.063778	0.090385	1.0000%
1999	10.954236	0.091289	1.0000%
1998	10.845778	0.092202	1.0000%
1997	10.738394	0.093124	1.0000%
1996	10.632073	0.094055	1.0000%
1995	10.526805	0.094996	0.9992%
1994	10.422660	0.095945	1.0008%
1993	10.319385	0.096905	1.0000%
1992	10.217213	0.097874	0.9295%
1991	10.123118	0.098784	1.2505%
1990	9.998091	0.100019	0.7224%
1989	9.926378	0.100742	1.1077%
1988	9.817631	0.101858	0.8834%
1987	9.731665	0.102757	0.5594%
1986	9.677532	0.103332	1.3056%
1985	9.552808	0.104681	0.7673%
1984	9.480069	0.105484	0.8149%
1983	9.403436	0.106344	0.9737%
1982	9.312753	0.107380	0.9508%
1981	9.225041	0.108401	0.9031%
1980	9.142479	0.109380	2.2701%
1979	8.939545	0.111863	1.0042%
1978	8.850668	0.112986	0.9896%
1977	8.763940	0.114104	0.9103%
1976	8.684878	0.115143	0.8394%
1975	8.612581	0.116109	0.9042%
1974	8.535406	0.117159	1.1568%
1973	8.437799	0.118514	0.9427%
1972	8.358998	0.119632	0.7426%
1971	8.297379	0.120520	1.4697%
1970	8.177195	0.122291	0.6968%
1969	8.120609	0.123143	0.8565%
1968	8.051644	0.124198	1.5090%
1967	7.931948	0.126072	0.9949%
1966	7.853810	0.127327	1.0575%
1965	7.771627	0.128673	1.1300%
1964	7.684788	0.130127	1.5537%
1963	7.567219	0.132149	1.4658%
1962	7.457900	0.134086	1.5364%
1961	7.345048	0.136146	2.1586%
1960	7.189846	0.139085	-1.6655%
1959	7.311619	0.136769	4.3080%
1958	7.009644	0.142661	2.1130%
1957	6.864598	0.145675	1.9895%
1956	6.730691	0.148573	2.1231%
1955	6.590763	0.151727	1.4496%
1954	6.496588	0.153927	2.1573%
1953	6.359399	0.157248	1.2298%
1952	6.282144	0.159181	1.6814%
1951	6.178265	0.161858	1.6233%

1950	6.079576	0.164485	1.4265%
1949	5.994069	0.166832	1.7790%
1948	5.889296	0.169800	1.8242%
1947	5.783790	0.172897	-2.6320%
1946	5.940137	0.168346	3.1768%
1945	5.757241	0.173694	6.4754%
1944	5.407108	0.184942	-0.3437%
1943	5.425755	0.184306	0.6562%
1942	5.390382	0.185516	0.6633%
1941	5.354863	0.186746	-5.6614%
1940	5.676218	0.176174	8.0381%
1939	5.253904	0.190335	0.8126%
1938	5.211553	0.191881	0.7762%
1937	5.171410	0.193371	0.6029%
1936	5.140420	0.194537	0.5244%
1935	5.113604	0.195557	-3.0364%
1934	5.273734	0.189619	4.6271%
1933	5.040504	0.198393	1.3921%
1932	4.971298	0.201155	-0.2051%
1931	4.981514	0.200742	0.8886%
1930	4.937638	0.202526	1.0126%
1929	4.888142	0.204577	1.1526%
1928	4.832443	0.206935	1.2160%
1927	4.774387	0.209451	1.4086%
1926	4.708070	0.212401	1.7667%
1925	4.626337	0.216154	1.4465%
1924	4.560371	0.219280	1.7700%
1923	4.481058	0.223162	1.6165%
1922	4.409773	0.226769	1.3736%
1921	4.350019	0.229884	2.3393%
1920	4.250584	0.235262	1.3140%
1919	4.195456	0.238353	0.7676%
1918	4.163495	0.240183	0.3870%
1917	4.147445	0.241112	1.3274%
1916	4.093111	0.244313	1.4083%
1915	4.036269	0.247754	1.4458%
1914	3.978744	0.251336	1.9424%
1913	3.902934	0.256217	1.9857%
1912	3.826944	0.261305	1.5634%
1911	3.768034	0.265390	1.8169%
1910	3.700794	0.270212	1.8781%
1909	3.632572	0.275287	2.0082%
1908	3.561057	0.280815	1.9603%
1907	3.492594	0.286320	1.8264%
1906	3.429951	0.291549	1.9357%
1905	3.364819	0.297193	2.0148%
1904	3.298362	0.303181	2.1335%
1903	3.229461	0.309649	1.8151%
1902	3.171886	0.315270	1.8943%
1901	3.112917	0.321242	3.0255%
1900	3.021501	0.330961	0.6278%
1899	3.002649	0.333039	1.7757%
1898	2.950263	0.338953	1.8078%

1897	2.897876	0.345080	1.8396%
1896	2.845530	0.351428	1.8755%
1895	2.793144	0.358020	1.9114%
1894	2.740757	0.364863	1.9486%
1893	2.688371	0.371973	1.9858%
1892	2.636024	0.379359	2.0276%
1891	2.583638	0.387051	2.0646%
1890	2.517024	0.397295	1.5328%
1889	2.479025	0.403384	2.0811%
1888	2.428485	0.411779	2.1599%
1887	2.377143	0.420673	2.2075%
1886	2.325800	0.429960	2.2592%
1885	2.274417	0.439673	2.3095%
1884	2.223074	0.449828	2.3641%
1883	2.171731	0.460462	2.4214%
1882	2.120389	0.471612	2.4815%
1881	2.069046	0.483315	3.7644%
1880	1.993984	0.501508	0.9432%
1879	1.975352	0.506239	2.1464%
1878	1.933844	0.517105	2.1913%
1877	1.892377	0.528436	2.2426%
1876	1.850869	0.540287	2.2941%
1875	1.809361	0.552681	2.3456%
1874	1.767894	0.565645	2.4043%
1873	1.726386	0.579245	2.4635%
1872	1.684878	0.593515	2.5258%
1871	1.643370	0.608506	5.9947%
1870	1.550427	0.644983	-1.0968%
1869	1.567621	0.637909	2.1930%
1868	1.533981	0.651899	2.2394%
1867	1.500381	0.666497	2.2935%
1866	1.466742	0.681783	2.3445%
1865	1.433142	0.697768	2.4037%
1864	1.399502	0.714540	2.4599%
1863	1.365903	0.732117	2.5250%
1862	1.332263	0.750603	2.5872%
1861	1.298663	0.770023	2.9504%
1860	1.261445	0.792741	2.4012%
1859	1.231865	0.811777	2.7627%
1858	1.198748	0.834204	2.8412%
1857	1.165630	0.857905	2.9243%
1856	1.132512	0.882993	3.0161%
1855	1.099354	0.909625	3.1061%
1854	1.066236	0.937879	3.2056%
1853	1.033118	0.967944	3.3118%
1852	1.000000	1.000000	3.4252%
1851	0.966882	1.034252	4.0106%
1850	0.929600	1.075732	2.3254%
1849	0.908474	1.100747	2.7841%
1848	0.883867	1.131392	2.8590%
1847	0.859299	1.163739	2.9432%
1846	0.834732	1.197990	3.0324%
1845	0.810164	1.234318	3.1325%

1844	0.785557	1.272983	3.2284%
1843	0.760989	1.314079	3.3361%
1842	0.736422	1.357918	3.4512%
1841	0.711854	1.404782	3.8105%
1840	0.685725	1.458311	2.3861%
1839	0.669744	1.493107	2.5824%
1838	0.652884	1.531665	2.6573%
1837	0.635984	1.572366	2.7232%
1836	0.619124	1.615185	2.7994%
1835	0.602264	1.660401	2.8871%
1834	0.585364	1.708339	2.9657%
1833	0.568504	1.759003	3.0563%
1832	0.551644	1.812764	3.1604%
1831	0.534744	1.870055	3.4660%
1830	0.516831	1.934870	2.4653%
1829	0.504396	1.982571	2.6804%
1828	0.491229	2.035711	10.3427%
1827	0.445185	2.246258	-4.2314%
1826	0.464855	2.151209	2.9150%
1825	0.451688	2.213918	3.0026%
1824	0.438521	2.280392	3.0955%
1823	0.425354	2.350982	3.1944%
1822	0.412187	2.426081	3.3102%
1821	0.398980	2.506389	3.2277%
1820	0.386505	2.587289	2.6573%
1819	0.376500	2.656040	2.6261%
1818	0.366866	2.725791	2.6969%
1817	0.357232	2.799303	2.7717%
1816	0.347597	2.876891	2.8507%
1815	0.337963	2.958902	2.9343%
1814	0.328329	3.045727	3.0231%
1813	0.318695	3.137801	3.1039%
1812	0.309100	3.235195	3.2172%
1811	0.299466	3.339276	3.0969%
1810	0.290470	3.442691	2.9144%
1809	0.282245	3.543024	2.8225%
1808	0.274497	3.643024	2.9199%
1807	0.266709	3.749398	2.9918%
1806	0.258962	3.861572	3.0841%
1805	0.251214	3.980665	3.1822%
1804	0.243467	4.107337	3.2868%
1803	0.235719	4.242337	3.3985%
1802	0.227972	4.386512	3.5180%
1801	0.220224	4.540831	3.3999%
1800	0.212983	4.695217	2.8419%
1799	0.207097	4.828649	2.7485%
1798	0.201558	4.961362	2.8261%
1797	0.196018	5.101577	3.7832%
1796	0.188872	5.294580	2.1272%
1795	0.184938	5.407206	3.0879%
1794	0.179399	5.574178	3.1625%
1793	0.173899	5.750462	3.2904%
1792	0.168359	5.939676	3.4024%

1791	0.162820	6.141765	3.2296%
1790	0.157726	6.340117	41.3145%
1780	0.111613	8.959502	29.4353%
1770	0.086231	11.596760	83.4728%
1750	0.046999	21.276905	29.2845%
1740	0.036353	27.507730	94.2514%
1720	0.018715	53.434148	85.8111%
1700	0.010072	99.286568	19.2490%
1690	0.008446	118.398289	88.0250%
1670	0.004492	222.618409	

BASE YEAR: 1851

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	12.514753	0.079906	8.2857%
2001	11.557166	0.086526	1.0000%
2000	11.442737	0.087392	1.0000%
1999	11.329443	0.088266	1.0000%
1998	11.217270	0.089148	1.0000%
1997	11.106208	0.090040	1.0000%
1996	10.996246	0.090940	1.0000%
1995	10.887372	0.091850	0.9992%
1994	10.779659	0.092767	1.0008%
1993	10.672848	0.093696	1.0000%
1992	10.567176	0.094633	0.9295%
1991	10.469858	0.095512	1.2505%
1990	10.340548	0.096707	0.7224%
1989	10.266379	0.097405	1.1077%
1988	10.153907	0.098484	0.8834%
1987	10.064996	0.099354	0.5594%
1986	10.009009	0.099910	1.3056%
1985	9.880013	0.101214	0.7673%
1984	9.804783	0.101991	0.8149%
1983	9.725525	0.102822	0.9737%
1982	9.631736	0.103823	0.9508%
1981	9.541020	0.104811	0.9031%
1980	9.455629	0.105757	2.2701%
1979	9.245744	0.108158	1.0042%
1978	9.153824	0.109244	0.9896%
1977	9.064124	0.110325	0.9103%
1976	8.982355	0.111329	0.8394%
1975	8.907581	0.112264	0.9042%
1974	8.827763	0.113279	1.1568%
1973	8.726812	0.114589	0.9427%
1972	8.645313	0.115670	0.7426%
1971	8.581583	0.116529	1.4697%
1970	8.457283	0.118241	0.6968%
1969	8.398759	0.119065	0.8565%
1968	8.327431	0.120085	1.5090%
1967	8.203635	0.121897	0.9949%
1966	8.122820	0.123110	1.0575%
1965	8.037823	0.124412	1.1300%

1964	7.948009	0.125818	1.5537%
1963	7.826414	0.127772	1.4658%
1962	7.713350	0.129645	1.5364%
1961	7.596633	0.131637	2.1586%
1960	7.436114	0.134479	-1.6655%
1959	7.562059	0.132239	4.3080%
1958	7.249741	0.137936	2.1130%
1957	7.099726	0.140851	1.9895%
1956	6.961233	0.143653	2.1231%
1955	6.816512	0.146703	1.4496%
1954	6.719111	0.148829	2.1573%
1953	6.577223	0.152040	1.2298%
1952	6.497322	0.153910	1.6814%
1951	6.389884	0.156497	1.6233%
1950	6.287816	0.159038	1.4265%
1949	6.199379	0.161306	1.7790%
1948	6.091018	0.164176	1.8242%
1947	5.981898	0.167171	-2.6320%
1946	6.143600	0.162771	3.1768%
1945	5.954439	0.167942	6.4754%
1944	5.592314	0.178817	-0.3437%
1943	5.611599	0.178202	0.6562%
1942	5.575015	0.179372	0.6633%
1941	5.538279	0.180561	-5.6614%
1940	5.870642	0.170339	8.0381%
1939	5.433862	0.184031	0.8126%
1938	5.390061	0.185527	0.7762%
1937	5.348543	0.186967	0.6029%
1936	5.316491	0.188094	0.5244%
1935	5.288757	0.189080	-3.0364%
1934	5.454372	0.183339	4.6271%
1933	5.213153	0.191822	1.3921%
1932	5.141576	0.194493	-0.2051%
1931	5.152142	0.194094	0.8886%
1930	5.106764	0.195819	1.0126%
1929	5.055572	0.197802	1.1526%
1928	4.997966	0.200081	1.2160%
1927	4.937920	0.202514	1.4086%
1926	4.869332	0.205367	1.7667%
1925	4.784799	0.208995	1.4465%
1924	4.716574	0.212018	1.7700%
1923	4.634544	0.215771	1.6165%
1922	4.560817	0.219259	1.3736%
1921	4.499017	0.222271	2.3393%
1920	4.396177	0.227470	1.3140%
1919	4.339160	0.230459	0.7676%
1918	4.306104	0.232228	0.3870%
1917	4.289504	0.233127	1.3274%
1916	4.233310	0.236222	1.4083%
1915	4.174520	0.239548	1.4458%
1914	4.115025	0.243012	1.9424%
1913	4.036619	0.247732	1.9857%
1912	3.958025	0.252651	1.5634%

1911	3.897098	0.256601	1.8169%
1910	3.827554	0.261263	1.8781%
1909	3.756996	0.266170	2.0082%
1908	3.683032	0.271515	1.9603%
1907	3.612223	0.276838	1.8264%
1906	3.547434	0.281894	1.9357%
1905	3.480071	0.287350	2.0148%
1904	3.411339	0.293140	2.1335%
1903	3.340077	0.299394	1.8151%
1902	3.280531	0.304829	1.8943%
1901	3.219541	0.310603	3.0255%
1900	3.124995	0.320001	0.6278%
1899	3.105497	0.322010	1.7757%
1898	3.051316	0.327727	1.8078%
1897	2.997135	0.333652	1.8396%
1896	2.942996	0.339790	1.8755%
1895	2.888815	0.346163	1.9114%
1894	2.834634	0.352779	1.9486%
1893	2.780453	0.359654	1.9858%
1892	2.726314	0.366796	2.0276%
1891	2.672133	0.374233	2.6465%
1890	2.603238	0.384137	1.5328%
1889	2.563938	0.390025	2.0811%
1888	2.511667	0.398142	2.1599%
1887	2.458565	0.406741	2.2075%
1886	2.405464	0.415720	2.2592%
1885	2.352321	0.425112	2.3095%
1884	2.299219	0.434930	2.3641%
1883	2.246118	0.445213	2.4214%
1882	2.193017	0.455993	2.4815%
1881	2.139915	0.467308	3.7644%
1880	2.062283	0.484900	0.9432%
1879	2.043013	0.489473	2.1464%
1878	2.000083	0.499979	2.1913%
1877	1.957195	0.510935	2.2426%
1876	1.914266	0.522394	2.2941%
1875	1.871336	0.534378	2.3456%
1874	1.828448	0.546912	2.4043%
1873	1.785519	0.560061	2.4635%
1872	1.742589	0.573859	2.5258%
1871	1.699660	0.588353	5.9947%
1870	1.603533	0.623623	-1.0968%
1869	1.621315	0.616783	2.1930%
1868	1.586523	0.630309	2.2394%
1867	1.551773	0.644424	2.2935%
1866	1.516981	0.659204	2.3445%
1865	1.482230	0.674659	2.4037%
1864	1.447438	0.690876	2.4599%
1863	1.412688	0.707870	2.5250%
1862	1.377896	0.725744	2.5872%
1861	1.343145	0.744521	2.9504%
1860	1.304653	0.766487	2.4012%
1859	1.274060	0.784893	2.7627%

1858	1.239807	0.806577	2.8412%
1857	1.205555	0.829493	2.9243%
1856	1.171303	0.853750	3.0161%
1855	1.137009	0.879500	3.1061%
1854	1.102757	0.906818	3.2056%
1853	1.068505	0.935887	3.3118%
1852	1.034252	0.966882	3.4252%
1851	1.000000	1.000000	4.0106%
1850	0.961440	1.040106	2.3254%
1849	0.939591	1.064292	2.7841%
1848	0.914141	1.093923	2.8590%
1847	0.888732	1.125199	2.9432%
1846	0.863323	1.158315	3.0324%
1845	0.837914	1.193440	3.1325%
1844	0.812464	1.230824	3.2284%
1843	0.787055	1.270560	3.3361%
1842	0.761646	1.312946	3.4512%
1841	0.736237	1.358259	3.8105%
1840	0.709212	1.410015	2.3861%
1839	0.692685	1.443659	2.5824%
1838	0.675247	1.480939	2.6573%
1837	0.657768	1.520293	2.7232%
1836	0.640330	1.561694	2.7994%
1835	0.622893	1.605412	2.8871%
1834	0.605414	1.651762	2.9657%
1833	0.587976	1.700748	3.0563%
1832	0.570539	1.752729	3.1604%
1831	0.553060	1.808123	3.4660%
1830	0.534533	1.870791	2.4653%
1829	0.521672	1.916912	2.6804%
1828	0.508054	1.968293	10.3427%
1827	0.460433	2.171867	-4.2314%
1826	0.480777	2.079965	2.9150%
1825	0.467159	2.140597	3.0026%
1824	0.453541	2.204870	3.0955%
1823	0.439924	2.273122	3.1944%
1822	0.426306	2.345734	3.3102%
1821	0.412646	2.423383	3.2277%
1820	0.399744	2.501603	2.6573%
1819	0.389396	2.568078	2.6261%
1818	0.379432	2.635518	2.6969%
1817	0.369468	2.706596	2.7717%
1816	0.359503	2.781615	2.8507%
1815	0.349539	2.860910	2.9343%
1814	0.339575	2.944859	3.0231%
1813	0.329611	3.033883	3.1039%
1812	0.319688	3.128052	3.2172%
1811	0.309723	3.228686	3.0969%
1810	0.300420	3.328676	2.9144%
1809	0.291912	3.425686	2.8225%
1808	0.283899	3.522375	2.9199%
1807	0.275845	3.625226	2.9918%
1806	0.267832	3.733685	3.0841%

1805	0.259819	3.848833	3.1822%
1804	0.251806	3.971311	3.2868%
1803	0.243793	4.101839	3.3985%
1802	0.235780	4.241240	3.5180%
1801	0.227767	4.390448	3.3999%
1800	0.220278	4.539721	2.8419%
1799	0.214191	4.668734	2.7485%
1798	0.208461	4.797052	2.8261%
1797	0.202732	4.932623	3.7832%
1796	0.195342	5.119235	2.1272%
1795	0.191273	5.228131	3.0879%
1794	0.185543	5.389573	3.1625%
1793	0.179856	5.560018	3.2904%
1792	0.174126	5.742966	3.4024%
1791	0.168397	5.938363	3.2296%
1790	0.163128	6.130146	41.3145%
1780	0.115436	8.662782	29.4353%
1770	0.089185	11.212700	83.4728%
1750	0.048609	20.572258	29.2845%
1740	0.037599	26.596731	94.2514%
1720	0.019356	51.664522	85.8111%
1700	0.010417	95.998406	19.2490%
1690	0.008735	114.477186	88.0250%
1670	0.004646	215.245755	

BASE YEAR: 1850

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	13.016671	0.076825	8.2857%
2001	12.020678	0.083190	1.0000%
2000	11.901660	0.084022	1.0000%
1999	11.783822	0.084862	1.0000%
1998	11.667151	0.085711	1.0000%
1997	11.551634	0.086568	1.0000%
1996	11.437262	0.087434	1.0000%
1995	11.324021	0.088308	0.9992%
1994	11.211989	0.089190	1.0008%
1993	11.100893	0.090083	1.0000%
1992	10.990984	0.090984	0.9295%
1991	10.889763	0.091829	1.2505%
1990	10.755266	0.092978	0.7224%
1989	10.678123	0.093649	1.1077%
1988	10.561140	0.094687	0.8834%
1987	10.468664	0.095523	0.5594%
1986	10.410431	0.096058	1.3056%
1985	10.276262	0.097312	0.7673%
1984	10.198014	0.098058	0.8149%
1983	10.115578	0.098857	0.9737%
1982	10.018027	0.099820	0.9508%
1981	9.923672	0.100769	0.9031%
1980	9.834857	0.101679	2.2701%
1979	9.616555	0.103987	1.0042%

1978	9.520948	0.105032	0.9896%
1977	9.427651	0.106071	0.9103%
1976	9.342602	0.107037	0.8394%
1975	9.264829	0.107935	0.9042%
1974	9.181810	0.108911	1.1568%
1973	9.076810	0.110171	0.9427%
1972	8.992042	0.111209	0.7426%
1971	8.925756	0.112035	1.4697%
1970	8.796471	0.113682	0.6968%
1969	8.735600	0.114474	0.8565%
1968	8.661411	0.115455	1.5090%
1967	8.532650	0.117197	0.9949%
1966	8.448595	0.118363	1.0575%
1965	8.360188	0.119615	1.1300%
1964	8.266772	0.120966	1.5537%
1963	8.140300	0.122846	1.4658%
1962	8.022702	0.124646	1.5364%
1961	7.901304	0.126561	2.1586%
1960	7.734347	0.129293	-1.6655%
1959	7.865343	0.127140	4.3080%
1958	7.540499	0.132617	2.1130%
1957	7.384468	0.135419	1.9895%
1956	7.240420	0.138114	2.1231%
1955	7.089895	0.141046	1.4496%
1954	6.988588	0.143090	2.1573%
1953	6.841010	0.146177	1.2298%
1952	6.757904	0.147975	1.6814%
1951	6.646157	0.150463	1.6233%
1950	6.539995	0.152905	1.4265%
1949	6.448012	0.155087	1.7790%
1948	6.335304	0.157846	1.8242%
1947	6.221809	0.160725	-2.6320%
1946	6.389996	0.156495	3.1768%
1945	6.193248	0.161466	6.4754%
1944	5.816599	0.171922	-0.3437%
1943	5.836659	0.171331	0.6562%
1942	5.798607	0.172455	0.6633%
1941	5.760398	0.173599	-5.6614%
1940	6.106090	0.163771	8.0381%
1939	5.651793	0.176935	0.8126%
1938	5.606235	0.178373	0.7762%
1937	5.563052	0.179757	0.6029%
1936	5.529714	0.180841	0.5244%
1935	5.500868	0.181789	-3.0364%
1934	5.673125	0.176270	4.6271%
1933	5.422232	0.184426	1.3921%
1932	5.347784	0.186993	-0.2051%
1931	5.358774	0.186610	0.8886%
1930	5.311576	0.188268	1.0126%
1929	5.258331	0.190174	1.1526%
1928	5.198414	0.192366	1.2160%
1927	5.135961	0.194706	1.4086%
1926	5.064622	0.197448	1.7667%

1925	4.976699	0.200936	1.4465%
1924	4.905737	0.203843	1.7700%
1923	4.820417	0.207451	1.6165%
1922	4.743734	0.210804	1.3736%
1921	4.679455	0.213700	2.3393%
1920	4.572490	0.218699	1.3140%
1919	4.513186	0.221573	0.7676%
1918	4.478805	0.223274	0.3870%
1917	4.461539	0.224138	1.3274%
1916	4.403091	0.227113	1.4083%
1915	4.341944	0.230312	1.4458%
1914	4.280063	0.233641	1.9424%
1913	4.198512	0.238180	1.9857%
1912	4.116766	0.242909	1.5634%
1911	4.053395	0.246707	1.8169%
1910	3.981063	0.251189	1.8781%
1909	3.907674	0.255907	2.0082%
1908	3.830743	0.261046	1.9603%
1907	3.757095	0.266163	1.8264%
1906	3.689708	0.271024	1.9357%
1905	3.619643	0.276270	2.0148%
1904	3.548154	0.281837	2.1335%
1903	3.474034	0.287850	1.8151%
1902	3.412100	0.293075	1.8943%
1901	3.348664	0.298627	3.0255%
1900	3.250326	0.307661	0.6278%
1899	3.230046	0.309593	1.7757%
1898	3.173692	0.315090	1.8078%
1897	3.117339	0.320786	1.8396%
1896	3.061028	0.326688	1.8755%
1895	3.004674	0.332815	1.9114%
1894	2.948320	0.339176	1.9486%
1893	2.891966	0.345785	1.9858%
1892	2.835656	0.352652	2.0276%
1891	2.779302	0.359803	2.6465%
1890	2.707644	0.369325	1.5328%
1889	2.666767	0.374986	2.0811%
1888	2.612400	0.382790	2.1599%
1887	2.557168	0.391058	2.2075%
1886	2.501937	0.399690	2.2592%
1885	2.446663	0.408720	2.3095%
1884	2.391432	0.418159	2.3641%
1883	2.336201	0.428045	2.4214%
1882	2.280970	0.438410	2.4815%
1881	2.225739	0.449289	3.7644%
1880	2.144993	0.466202	0.9432%
1879	2.124950	0.470599	2.1464%
1878	2.080298	0.480700	2.1913%
1877	2.035690	0.491234	2.2426%
1876	1.991039	0.502250	2.2941%
1875	1.946388	0.513772	2.3456%
1874	1.901780	0.525823	2.4043%
1873	1.857129	0.538466	2.4635%

1872	1.812477	0.551731	2.5258%
1871	1.767826	0.565666	5.9947%
1870	1.667844	0.599576	-1.0968%
1869	1.686340	0.593000	2.1930%
1868	1.650152	0.606005	2.2394%
1867	1.614008	0.619576	2.2935%
1866	1.577821	0.633785	2.3445%
1865	1.541677	0.648644	2.4037%
1864	1.505489	0.664236	2.4599%
1863	1.469345	0.680575	2.5250%
1862	1.433158	0.697760	2.5872%
1861	1.397014	0.715813	2.9504%
1860	1.356977	0.736932	2.4012%
1859	1.325157	0.754627	2.7627%
1858	1.289531	0.775476	2.8412%
1857	1.253905	0.797508	2.9243%
1856	1.218279	0.820830	3.0161%
1855	1.182610	0.845587	3.1061%
1854	1.146984	0.871852	3.2056%
1853	1.111358	0.899800	3.3118%
1852	1.075732	0.929600	3.4252%
1851	1.040106	0.961440	4.0106%
1850	1.000000	1.000000	2.3254%
1849	0.977275	1.023254	2.7841%
1848	0.950804	1.051742	2.8590%
1847	0.924376	1.081811	2.9432%
1846	0.897948	1.113651	3.0324%
1845	0.871520	1.147421	3.1325%
1844	0.845048	1.183364	3.2284%
1843	0.818620	1.221567	3.3361%
1842	0.792192	1.262320	3.4512%
1841	0.765764	1.305885	3.8105%
1840	0.737656	1.355645	2.3861%
1839	0.720465	1.387992	2.5824%
1838	0.702329	1.423835	2.6573%
1837	0.684148	1.461671	2.7232%
1836	0.666012	1.501475	2.7994%
1835	0.647875	1.543508	2.8871%
1834	0.629695	1.588071	2.9657%
1833	0.611558	1.635168	3.0563%
1832	0.593421	1.685144	3.1604%
1831	0.575241	1.738402	3.4660%
1830	0.555971	1.798654	2.4653%
1829	0.542595	1.842997	2.6804%
1828	0.528431	1.892396	10.3427%
1827	0.478900	2.088120	-4.2314%
1826	0.500059	1.999763	2.9150%
1825	0.485895	2.058057	3.0026%
1824	0.471731	2.119851	3.0955%
1823	0.457567	2.185471	3.1944%
1822	0.443403	2.255284	3.3102%
1821	0.429196	2.329938	3.2277%
1820	0.415776	2.405142	2.6573%

1819	0.405013	2.469054	2.6261%
1818	0.394650	2.533894	2.6969%
1817	0.384286	2.602231	2.7717%
1816	0.373922	2.674357	2.8507%
1815	0.363558	2.750594	2.9343%
1814	0.353194	2.831306	3.0231%
1813	0.342830	2.916898	3.1039%
1812	0.332509	3.007436	3.2172%
1811	0.322145	3.104190	3.0969%
1810	0.312468	3.200324	2.9144%
1809	0.303620	3.293593	2.8225%
1808	0.295285	3.386554	2.9199%
1807	0.286908	3.485439	2.9918%
1806	0.278574	3.589715	3.0841%
1805	0.270239	3.700424	3.1822%
1804	0.261905	3.818179	3.2868%
1803	0.253571	3.943674	3.3985%
1802	0.245236	4.077699	3.5180%
1801	0.236902	4.221155	3.3999%
1800	0.229112	4.364672	2.8419%
1799	0.222781	4.488710	2.7485%
1798	0.216822	4.612080	2.8261%
1797	0.210863	4.742424	3.7832%
1796	0.203176	4.921839	2.1272%
1795	0.198944	5.026537	3.0879%
1794	0.192985	5.181753	3.1625%
1793	0.187069	5.345627	3.2904%
1792	0.181110	5.521520	3.4024%
1791	0.175150	5.709382	3.2296%
1790	0.169671	5.893770	41.3145%
1780	0.120066	8.328749	29.4353%
1770	0.092761	10.780343	83.4728%
1750	0.050559	19.779001	29.2845%
1740	0.039107	25.571173	94.2514%
1720	0.020132	49.672360	85.8111%
1700	0.010835	92.296748	19.2490%
1690	0.009086	110.062994	88.0250%
1670	0.004832	206.945970	

BASE YEAR: 1849

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	13.319356	0.075079	8.2857%
2001	12.300203	0.081299	1.0000%
2000	12.178418	0.082112	1.0000%
1999	12.057839	0.082934	1.0000%
1998	11.938455	0.083763	1.0000%
1997	11.820252	0.084601	1.0000%
1996	11.703220	0.085447	1.0000%
1995	11.587347	0.086301	0.9992%
1994	11.472709	0.087163	1.0008%
1993	11.359030	0.088036	1.0000%

1992	11.246564	0.088916	0.9295%
1991	11.142990	0.089743	1.2505%
1990	11.005366	0.090865	0.7224%
1989	10.926428	0.091521	1.1077%
1988	10.806725	0.092535	0.8834%
1987	10.712098	0.093352	0.5594%
1986	10.652512	0.093875	1.3056%
1985	10.515222	0.095100	0.7673%
1984	10.435155	0.095830	0.8149%
1983	10.350802	0.096611	0.9737%
1982	10.250983	0.097552	0.9508%
1981	10.154434	0.098479	0.9031%
1980	10.063554	0.099368	2.2701%
1979	9.840175	0.101624	1.0042%
1978	9.742345	0.102645	0.9896%
1977	9.646878	0.103660	0.9103%
1976	9.559852	0.104604	0.8394%
1975	9.480270	0.105482	0.9042%
1974	9.395321	0.106436	1.1568%
1973	9.287879	0.107667	0.9427%
1972	9.201140	0.108682	0.7426%
1971	9.133313	0.109489	1.4697%
1970	9.001021	0.111099	0.6968%
1969	8.938734	0.111873	0.8565%
1968	8.862821	0.112831	1.5090%
1967	8.731066	0.114534	0.9949%
1966	8.645055	0.115673	1.0575%
1965	8.554593	0.116896	1.1300%
1964	8.459005	0.118217	1.5537%
1963	8.329592	0.120054	1.4658%
1962	8.209259	0.121814	1.5364%
1961	8.085038	0.123685	2.1586%
1960	7.914199	0.126355	-1.6655%
1959	8.048241	0.124251	4.3080%
1958	7.715843	0.129603	2.1130%
1957	7.556184	0.132342	1.9895%
1956	7.408787	0.134975	2.1231%
1955	7.254761	0.137841	1.4496%
1954	7.151098	0.139839	2.1573%
1953	7.000088	0.142855	1.2298%
1952	6.915050	0.144612	1.6814%
1951	6.800705	0.147044	1.6233%
1950	6.692074	0.149431	1.4265%
1949	6.597952	0.151562	1.7790%
1948	6.482623	0.154259	1.8242%
1947	6.366488	0.157072	-2.6320%
1946	6.538586	0.152938	3.1768%
1945	6.337264	0.157797	6.4754%
1944	5.951857	0.168015	-0.3437%
1943	5.972382	0.167437	0.6562%
1942	5.933446	0.168536	0.6633%
1941	5.894348	0.169654	-5.6614%
1940	6.248079	0.160049	8.0381%

1939	5.783218	0.172914	0.8126%
1938	5.736600	0.174319	0.7762%
1937	5.692413	0.175672	0.6029%
1936	5.658301	0.176732	0.5244%
1935	5.628784	0.177658	-3.0364%
1934	5.805046	0.172264	4.6271%
1933	5.548319	0.180235	1.3921%
1932	5.472140	0.182744	-0.2051%
1931	5.483386	0.182369	0.8886%
1930	5.435090	0.183990	1.0126%
1929	5.380606	0.185853	1.1526%
1928	5.319297	0.187995	1.2160%
1927	5.255391	0.190281	1.4086%
1926	5.182393	0.192961	1.7667%
1925	5.092425	0.196370	1.4465%
1924	5.019814	0.199211	1.7700%
1923	4.932510	0.202737	1.6165%
1922	4.854043	0.206014	1.3736%
1921	4.788269	0.208844	2.3393%
1920	4.678817	0.213729	1.3140%
1919	4.618134	0.216538	0.7676%
1918	4.582954	0.218200	0.3870%
1917	4.565287	0.219044	1.3274%
1916	4.505479	0.221952	1.4083%
1915	4.442910	0.225078	1.4458%
1914	4.379590	0.228332	1.9424%
1913	4.296142	0.232767	1.9857%
1912	4.212496	0.237389	1.5634%
1911	4.147651	0.241100	1.8169%
1910	4.073637	0.245481	1.8781%
1909	3.998542	0.250091	2.0082%
1908	3.919822	0.255114	1.9603%
1907	3.844461	0.260114	1.8264%
1906	3.775507	0.264865	1.9357%
1905	3.703813	0.269992	2.0148%
1904	3.630661	0.275432	2.1335%
1903	3.554818	0.281308	1.8151%
1902	3.491444	0.286414	1.8943%
1901	3.426533	0.291840	3.0255%
1900	3.325908	0.300670	0.6278%
1899	3.305157	0.302558	1.7757%
1898	3.247492	0.307930	1.8078%
1897	3.189828	0.313497	1.8396%
1896	3.132208	0.319264	1.8755%
1895	3.074544	0.325252	1.9114%
1894	3.016880	0.331468	1.9486%
1893	2.959215	0.337927	1.9858%
1892	2.901595	0.344638	2.0276%
1891	2.843931	0.351626	2.6465%
1890	2.770606	0.360932	1.5328%
1889	2.728779	0.366464	2.0811%
1888	2.673147	0.374091	2.1599%
1887	2.616632	0.382171	2.2075%

1886	2.560117	0.390607	2.2592%
1885	2.503557	0.399432	2.3095%
1884	2.447042	0.408657	2.3641%
1883	2.390526	0.418318	2.4214%
1882	2.334011	0.428447	2.4815%
1881	2.277495	0.439079	3.7644%
1880	2.194872	0.455607	0.9432%
1879	2.174363	0.459905	2.1464%
1878	2.128673	0.469776	2.1913%
1877	2.083028	0.480070	2.2426%
1876	2.037338	0.490837	2.2941%
1875	1.991649	0.502097	2.3456%
1874	1.946003	0.513874	2.4043%
1873	1.900314	0.526229	2.4635%
1872	1.854624	0.539193	2.5258%
1871	1.808935	0.552812	5.9947%
1870	1.706628	0.585951	-1.0968%
1869	1.725553	0.579524	2.1930%
1868	1.688525	0.592233	2.2394%
1867	1.651540	0.605496	2.2935%
1866	1.614511	0.619383	2.3445%
1865	1.577526	0.633904	2.4037%
1864	1.540498	0.649141	2.4599%
1863	1.503513	0.665109	2.5250%
1862	1.466484	0.681903	2.5872%
1861	1.429499	0.699546	2.9504%
1860	1.388532	0.720185	2.4012%
1859	1.355972	0.737478	2.7627%
1858	1.319517	0.757853	2.8412%
1857	1.283063	0.779385	2.9243%
1856	1.246609	0.802176	3.0161%
1855	1.210110	0.826371	3.1061%
1854	1.173656	0.852039	3.2056%
1853	1.137201	0.879352	3.3118%
1852	1.100747	0.908474	3.4252%
1851	1.064292	0.939591	4.0106%
1850	1.023254	0.977275	2.3254%
1849	1.000000	1.000000	2.7841%
1848	0.972913	1.027841	2.8590%
1847	0.945871	1.057227	2.9432%
1846	0.918828	1.088343	3.0324%
1845	0.891786	1.121346	3.1325%
1844	0.864699	1.156472	3.2284%
1843	0.837656	1.193807	3.3361%
1842	0.810614	1.233633	3.4512%
1841	0.783571	1.276208	3.8105%
1840	0.754809	1.324838	2.3861%
1839	0.737219	1.356449	2.5824%
1838	0.718660	1.391478	2.6573%
1837	0.700057	1.428454	2.7232%
1836	0.681499	1.467354	2.7994%
1835	0.662940	1.508432	2.8871%
1834	0.644337	1.551982	2.9657%

1833	0.625779	1.598009	3.0563%
1832	0.607220	1.646849	3.1604%
1831	0.588617	1.698896	3.4660%
1830	0.568900	1.757780	2.4653%
1829	0.555212	1.801114	2.6804%
1828	0.540718	1.849391	10.3427%
1827	0.490036	2.040667	-4.2314%
1826	0.511688	1.954318	2.9150%
1825	0.497194	2.011287	3.0026%
1824	0.482701	2.071677	3.0955%
1823	0.468207	2.135806	3.1944%
1822	0.453714	2.204032	3.3102%
1821	0.439176	2.276990	3.2277%
1820	0.425444	2.350485	2.6573%
1819	0.414432	2.412944	2.6261%
1818	0.403827	2.476310	2.6969%
1817	0.393222	2.543095	2.7717%
1816	0.382617	2.613581	2.8507%
1815	0.372012	2.688086	2.9343%
1814	0.361407	2.766964	3.0231%
1813	0.350802	2.850611	3.1039%
1812	0.340241	2.939091	3.2172%
1811	0.329636	3.033646	3.0969%
1810	0.319734	3.127596	2.9144%
1809	0.310680	3.218746	2.8225%
1808	0.302152	3.309593	2.9199%
1807	0.293580	3.406231	2.9918%
1806	0.285051	3.508138	3.0841%
1805	0.276523	3.616331	3.1822%
1804	0.267995	3.731410	3.2868%
1803	0.259467	3.854053	3.3985%
1802	0.250939	3.985033	3.5180%
1801	0.242411	4.125228	3.3999%
1800	0.234440	4.265483	2.8419%
1799	0.227962	4.386703	2.7485%
1798	0.221864	4.507269	2.8261%
1797	0.215766	4.634651	3.7832%
1796	0.207901	4.809989	2.1272%
1795	0.203570	4.912307	3.0879%
1794	0.197472	5.063996	3.1625%
1793	0.191419	5.224146	3.2904%
1792	0.185321	5.396042	3.4024%
1791	0.179223	5.579635	3.2296%
1790	0.173616	5.759833	41.3145%
1780	0.122858	8.139476	29.4353%
1770	0.094918	10.535357	83.4728%
1750	0.051734	19.329518	29.2845%
1740	0.040016	24.990062	94.2514%
1720	0.020600	48.543544	85.8111%
1700	0.011087	90.199283	19.2490%
1690	0.009297	107.561787	88.0250%
1670	0.004945	202.243074	

BASE YEAR: 1848

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	13.690178	0.073045	8.2857%
2001	12.642651	0.079097	1.0000%
2000	12.517475	0.079888	1.0000%
1999	12.393540	0.080687	1.0000%
1998	12.270832	0.081494	1.0000%
1997	12.149338	0.082309	1.0000%
1996	12.029048	0.083132	1.0000%
1995	11.909948	0.083963	0.9992%
1994	11.792119	0.084802	1.0008%
1993	11.675275	0.085651	1.0000%
1992	11.559678	0.086508	0.9295%
1991	11.453220	0.087312	1.2505%
1990	11.311765	0.088404	0.7224%
1989	11.230629	0.089042	1.1077%
1988	11.107594	0.090028	0.8834%
1987	11.010332	0.090824	0.5594%
1986	10.949087	0.091332	1.3056%
1985	10.807975	0.092524	0.7673%
1984	10.725679	0.093234	0.8149%
1983	10.638977	0.093994	0.9737%
1982	10.536379	0.094909	0.9508%
1981	10.437142	0.095812	0.9031%
1980	10.343732	0.096677	2.2701%
1979	10.114134	0.098872	1.0042%
1978	10.013580	0.099864	0.9896%
1977	9.915456	0.100853	0.9103%
1976	9.826006	0.101771	0.8394%
1975	9.744209	0.102625	0.9042%
1974	9.656894	0.103553	1.1568%
1973	9.546462	0.104751	0.9427%
1972	9.457308	0.105738	0.7426%
1971	9.387592	0.106524	1.4697%
1970	9.251617	0.108089	0.6968%
1969	9.187597	0.108842	0.8565%
1968	9.109569	0.109775	1.5090%
1967	8.974146	0.111431	0.9949%
1966	8.885741	0.112540	1.0575%
1965	8.792760	0.113730	1.1300%
1964	8.694511	0.115015	1.5537%
1963	8.561495	0.116802	1.4658%
1962	8.437812	0.118514	1.5364%
1961	8.310133	0.120335	2.1586%
1960	8.134537	0.122933	-1.6655%
1959	8.272311	0.120885	4.3080%
1958	7.930659	0.126093	2.1130%
1957	7.766555	0.128757	1.9895%
1956	7.615054	0.131319	2.1231%
1955	7.456740	0.134107	1.4496%
1954	7.350191	0.136051	2.1573%

1953	7.194977	0.138986	1.2298%
1952	7.107571	0.140695	1.6814%
1951	6.990042	0.143061	1.6233%
1950	6.878387	0.145383	1.4265%
1949	6.781645	0.147457	1.7790%
1948	6.663105	0.150080	1.8242%
1947	6.543737	0.152818	-2.6320%
1946	6.720626	0.148796	3.1768%
1945	6.513699	0.153523	6.4754%
1944	6.117561	0.163464	-0.3437%
1943	6.138659	0.162902	0.6562%
1942	6.098638	0.163971	0.6633%
1941	6.058452	0.165059	-5.6614%
1940	6.422031	0.155714	8.0381%
1939	5.944227	0.168230	0.8126%
1938	5.896312	0.169598	0.7762%
1937	5.850895	0.170914	0.6029%
1936	5.815833	0.171944	0.5244%
1935	5.785494	0.172846	-3.0364%
1934	5.966664	0.167598	4.6271%
1933	5.702789	0.175353	1.3921%
1932	5.624489	0.177794	-0.2051%
1931	5.636048	0.177429	0.8886%
1930	5.586407	0.179006	1.0126%
1929	5.530407	0.180819	1.1526%
1928	5.467390	0.182903	1.2160%
1927	5.401705	0.185127	1.4086%
1926	5.326675	0.187734	1.7667%
1925	5.234203	0.191051	1.4465%
1924	5.159570	0.193815	1.7700%
1923	5.069835	0.197245	1.6165%
1922	4.989184	0.200434	1.3736%
1921	4.921579	0.203187	2.3393%
1920	4.809079	0.207940	1.3140%
1919	4.746707	0.210672	0.7676%
1918	4.710547	0.212290	0.3870%
1917	4.692388	0.213111	1.3274%
1916	4.630916	0.215940	1.4083%
1915	4.566605	0.218981	1.4458%
1914	4.501521	0.222147	1.9424%
1913	4.415751	0.226462	1.9857%
1912	4.329776	0.230959	1.5634%
1911	4.263126	0.234570	1.8169%
1910	4.187050	0.238832	1.8781%
1909	4.109865	0.243317	2.0082%
1908	4.028954	0.248203	1.9603%
1907	3.951494	0.253069	1.8264%
1906	3.880620	0.257691	1.9357%
1905	3.806931	0.262679	2.0148%
1904	3.731742	0.267971	2.1335%
1903	3.653788	0.273689	1.8151%
1902	3.588648	0.278656	1.8943%
1901	3.521931	0.283935	3.0255%

1900	3.418504	0.292526	0.6278%
1899	3.397175	0.294362	1.7757%
1898	3.337905	0.299589	1.8078%
1897	3.278636	0.305005	1.8396%
1896	3.219411	0.310616	1.8755%
1895	3.160142	0.316442	1.9114%
1894	3.100872	0.322490	1.9486%
1893	3.041602	0.328774	1.9858%
1892	2.982378	0.335303	2.0276%
1891	2.923108	0.342102	2.6465%
1890	2.847742	0.351155	1.5328%
1889	2.804751	0.356538	2.0811%
1888	2.747570	0.363958	2.1599%
1887	2.689481	0.371819	2.2075%
1886	2.631392	0.380027	2.2592%
1885	2.573258	0.388612	2.3095%
1884	2.515169	0.397588	2.3641%
1883	2.457081	0.406987	2.4214%
1882	2.398992	0.416842	2.4815%
1881	2.340903	0.427186	3.7644%
1880	2.255979	0.443267	0.9432%
1879	2.234899	0.447448	2.1464%
1878	2.187937	0.457052	2.1913%
1877	2.141021	0.467067	2.2426%
1876	2.094059	0.477541	2.2941%
1875	2.047098	0.488496	2.3456%
1874	2.000182	0.499955	2.4043%
1873	1.953220	0.511975	2.4635%
1872	1.906259	0.524588	2.5258%
1871	1.859297	0.537838	5.9947%
1870	1.754142	0.570079	-1.0968%
1869	1.773594	0.563827	2.1930%
1868	1.735535	0.576191	2.2394%
1867	1.697520	0.589095	2.2935%
1866	1.659460	0.602606	2.3445%
1865	1.621446	0.616733	2.4037%
1864	1.583386	0.631558	2.4599%
1863	1.545372	0.647093	2.5250%
1862	1.507312	0.663433	2.5872%
1861	1.469298	0.680597	2.9504%
1860	1.427190	0.700678	2.4012%
1859	1.393723	0.717503	2.7627%
1858	1.356254	0.737325	2.8412%
1857	1.318785	0.758274	2.9243%
1856	1.281315	0.780448	3.0161%
1855	1.243801	0.803987	3.1061%
1854	1.206331	0.828960	3.2056%
1853	1.168862	0.855533	3.3118%
1852	1.131392	0.883867	3.4252%
1851	1.093923	0.914141	4.0106%
1850	1.051742	0.950804	2.3254%
1849	1.027841	0.972913	2.7841%
1848	1.000000	1.000000	2.8590%

1847	0.972205	1.028590	2.9432%
1846	0.944409	1.058863	3.0324%
1845	0.916614	1.090972	3.1325%
1844	0.888773	1.125147	3.2284%
1843	0.860977	1.161471	3.3361%
1842	0.833182	1.200218	3.4512%
1841	0.805387	1.241640	3.8105%
1840	0.775824	1.288952	2.3861%
1839	0.757744	1.319708	2.5824%
1838	0.738668	1.353788	2.6573%
1837	0.719548	1.389762	2.7232%
1836	0.700472	1.427608	2.7994%
1835	0.681397	1.467573	2.8871%
1834	0.662276	1.509944	2.9657%
1833	0.643201	1.554724	3.0563%
1832	0.624126	1.602241	3.1604%
1831	0.605005	1.652879	3.4660%
1830	0.584738	1.710167	2.4653%
1829	0.570669	1.752328	2.6804%
1828	0.555773	1.799297	10.3427%
1827	0.503679	1.985392	-4.2314%
1826	0.525933	1.901382	2.9150%
1825	0.511036	1.956808	3.0026%
1824	0.496140	2.015562	3.0955%
1823	0.481243	2.077954	3.1944%
1822	0.466346	2.144332	3.3102%
1821	0.451403	2.215313	3.2277%
1820	0.437289	2.286818	2.6573%
1819	0.425970	2.347585	2.6261%
1818	0.415069	2.409235	2.6969%
1817	0.404169	2.474211	2.7717%
1816	0.393269	2.542788	2.8507%
1815	0.382369	2.615275	2.9343%
1814	0.371469	2.692016	3.0231%
1813	0.360569	2.773397	3.1039%
1812	0.349714	2.859481	3.2172%
1811	0.338814	2.951475	3.0969%
1810	0.328636	3.042879	2.9144%
1809	0.319330	3.131560	2.8225%
1808	0.310564	3.219947	2.9199%
1807	0.301753	3.313967	2.9918%
1806	0.292988	3.413114	3.0841%
1805	0.284222	3.518376	3.1822%
1804	0.275456	3.630338	3.2868%
1803	0.266691	3.749659	3.3985%
1802	0.257925	3.877091	3.5180%
1801	0.249160	4.013489	3.3999%
1800	0.240967	4.149945	2.8419%
1799	0.234308	4.267881	2.7485%
1798	0.228041	4.385182	2.8261%
1797	0.221773	4.509113	3.7832%
1796	0.213689	4.679702	2.1272%
1795	0.209238	4.779249	3.0879%

1794	0.202970	4.926829	3.1625%
1793	0.196748	5.082641	3.2904%
1792	0.190481	5.249881	3.4024%
1791	0.184213	5.428501	3.2296%
1790	0.178450	5.603818	41.3145%
1780	0.126278	7.919004	29.4353%
1770	0.097561	10.249988	83.4728%
1750	0.053175	18.805945	29.2845%
1740	0.041130	24.313163	94.2514%
1720	0.021174	47.228657	85.8111%
1700	0.011395	87.756078	19.2490%
1690	0.009556	104.648289	88.0250%
1670	0.005082	196.764969	

BASE YEAR: 1847

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	14.081582	0.071015	8.2857%
2001	13.004106	0.076899	1.0000%
2000	12.875351	0.077668	1.0000%
1999	12.747873	0.078444	1.0000%
1998	12.621656	0.079229	1.0000%
1997	12.496689	0.080021	1.0000%
1996	12.372960	0.080821	1.0000%
1995	12.250455	0.081630	0.9992%
1994	12.129257	0.082445	1.0008%
1993	12.009073	0.083270	1.0000%
1992	11.890171	0.084103	0.9295%
1991	11.780669	0.084885	1.2505%
1990	11.635169	0.085946	0.7224%
1989	11.551714	0.086567	1.1077%
1988	11.425161	0.087526	0.8834%
1987	11.325119	0.088299	0.5594%
1986	11.262123	0.088793	1.3056%
1985	11.116977	0.089953	0.7673%
1984	11.032327	0.090643	0.8149%
1983	10.943147	0.091381	0.9737%
1982	10.837616	0.092271	0.9508%
1981	10.735541	0.093149	0.9031%
1980	10.639460	0.093990	2.2701%
1979	10.403298	0.096123	1.0042%
1978	10.299869	0.097089	0.9896%
1977	10.198940	0.098049	0.9103%
1976	10.106933	0.098942	0.8394%
1975	10.022797	0.099773	0.9042%
1974	9.932986	0.100675	1.1568%
1973	9.819396	0.101839	0.9427%
1972	9.727693	0.102799	0.7426%
1971	9.655984	0.103563	1.4697%
1970	9.516122	0.105085	0.6968%
1969	9.450271	0.105817	0.8565%
1968	9.370013	0.106723	1.5090%

1967	9.230718	0.108334	0.9949%
1966	9.139786	0.109412	1.0575%
1965	9.044147	0.110569	1.1300%
1964	8.943088	0.111818	1.5537%
1963	8.806269	0.113555	1.4658%
1962	8.679050	0.115220	1.5364%
1961	8.547720	0.116990	2.1586%
1960	8.367105	0.119516	-1.6655%
1959	8.508818	0.117525	4.3080%
1958	8.157397	0.122588	2.1130%
1957	7.988601	0.125178	1.9895%
1956	7.832769	0.127669	2.1231%
1955	7.669929	0.130379	1.4496%
1954	7.560334	0.132269	2.1573%
1953	7.400682	0.135123	1.2298%
1952	7.310777	0.136784	1.6814%
1951	7.189888	0.139084	1.6233%
1950	7.075041	0.141342	1.4265%
1949	6.975533	0.143358	1.7790%
1948	6.853604	0.145909	1.8242%
1947	6.730823	0.148570	-2.6320%
1946	6.912770	0.144660	3.1768%
1945	6.699926	0.149255	6.4754%
1944	6.292463	0.158920	-0.3437%
1943	6.314164	0.158374	0.6562%
1942	6.272999	0.159413	0.6633%
1941	6.231664	0.160471	-5.6614%
1940	6.605637	0.151386	8.0381%
1939	6.114174	0.163554	0.8126%
1938	6.064888	0.164883	0.7762%
1937	6.018172	0.166163	0.6029%
1936	5.982108	0.167165	0.5244%
1935	5.950902	0.168042	-3.0364%
1934	6.137251	0.162939	4.6271%
1933	5.865832	0.170479	1.3921%
1932	5.785294	0.172852	-0.2051%
1931	5.797183	0.172498	0.8886%
1930	5.746123	0.174030	1.0126%
1929	5.688522	0.175793	1.1526%
1928	5.623704	0.177819	1.2160%
1927	5.556141	0.179981	1.4086%
1926	5.478965	0.182516	1.7667%
1925	5.383849	0.185741	1.4465%
1924	5.307082	0.188427	1.7700%
1923	5.214782	0.191763	1.6165%
1922	5.131825	0.194862	1.3736%
1921	5.062287	0.197539	2.3393%
1920	4.946572	0.202160	1.3140%
1919	4.882416	0.204817	0.7676%
1918	4.845222	0.206389	0.3870%
1917	4.826544	0.207188	1.3274%
1916	4.763314	0.209938	1.4083%
1915	4.697164	0.212894	1.4458%

1914	4.630220	0.215972	1.9424%
1913	4.541998	0.220167	1.9857%
1912	4.453564	0.224539	1.5634%
1911	4.385009	0.228050	1.8169%
1910	4.306759	0.232193	1.8781%
1909	4.227366	0.236554	2.0082%
1908	4.144142	0.241304	1.9603%
1907	4.064468	0.246035	1.8264%
1906	3.991568	0.250528	1.9357%
1905	3.915771	0.255378	2.0148%
1904	3.838433	0.260523	2.1335%
1903	3.758250	0.266081	1.8151%
1902	3.691248	0.270911	1.8943%
1901	3.622623	0.276043	3.0255%
1900	3.516239	0.284395	0.6278%
1899	3.494301	0.286180	1.7757%
1898	3.433336	0.291262	1.8078%
1897	3.372372	0.296527	1.8396%
1896	3.311455	0.301982	1.8755%
1895	3.250491	0.307646	1.9114%
1894	3.189526	0.313526	1.9486%
1893	3.128562	0.319636	1.9858%
1892	3.067645	0.325983	2.0276%
1891	3.006680	0.332593	2.6465%
1890	2.929160	0.341395	1.5328%
1889	2.884939	0.346628	2.0811%
1888	2.826124	0.353842	2.1599%
1887	2.766374	0.361484	2.2075%
1886	2.706624	0.369464	2.2592%
1885	2.646828	0.377811	2.3095%
1884	2.587078	0.386536	2.3641%
1883	2.527329	0.395675	2.4214%
1882	2.467579	0.405255	2.4815%
1881	2.407830	0.415312	3.7644%
1880	2.320478	0.430946	0.9432%
1879	2.298795	0.435011	2.1464%
1878	2.250491	0.444348	2.1913%
1877	2.202233	0.454085	2.2426%
1876	2.153929	0.464268	2.2941%
1875	2.105625	0.474918	2.3456%
1874	2.057367	0.486058	2.4043%
1873	2.009063	0.497745	2.4635%
1872	1.960759	0.510007	2.5258%
1871	1.912454	0.522888	5.9947%
1870	1.804293	0.554234	-1.0968%
1869	1.824302	0.548155	2.1930%
1868	1.785154	0.560176	2.2394%
1867	1.746053	0.572720	2.2935%
1866	1.706905	0.585856	2.3445%
1865	1.667803	0.599591	2.4037%
1864	1.628656	0.614003	2.4599%
1863	1.589554	0.629107	2.5250%
1862	1.550406	0.644992	2.5872%

1861	1.511305	0.661680	2.9504%
1860	1.467993	0.681202	2.4012%
1859	1.433570	0.697559	2.7627%
1858	1.395029	0.716831	2.8412%
1857	1.356489	0.737197	2.9243%
1856	1.317948	0.758755	3.0161%
1855	1.279361	0.781640	3.1061%
1854	1.240820	0.805918	3.2056%
1853	1.202280	0.831753	3.3118%
1852	1.163739	0.859299	3.4252%
1851	1.125199	0.888732	4.0106%
1850	1.081811	0.924376	2.3254%
1849	1.057227	0.945871	2.7841%
1848	1.028590	0.972205	2.8590%
1847	1.000000	1.000000	2.9432%
1846	0.971410	1.029432	3.0324%
1845	0.942820	1.060648	3.1325%
1844	0.914183	1.093873	3.2284%
1843	0.885593	1.129187	3.3361%
1842	0.857003	1.166857	3.4512%
1841	0.828413	1.207128	3.8105%
1840	0.798005	1.253125	2.3861%
1839	0.779408	1.283026	2.5824%
1838	0.759787	1.316158	2.6573%
1837	0.740120	1.351133	2.7232%
1836	0.720499	1.387927	2.7994%
1835	0.700878	1.426781	2.8871%
1834	0.681211	1.467974	2.9657%
1833	0.661590	1.511510	3.0563%
1832	0.641970	1.557706	3.1604%
1831	0.622302	1.606936	3.4660%
1830	0.601456	1.662632	2.4653%
1829	0.586985	1.703621	2.6804%
1828	0.571662	1.749285	10.3427%
1827	0.518079	1.930207	-4.2314%
1826	0.540970	1.848532	2.9150%
1825	0.525647	1.902417	3.0026%
1824	0.510324	1.959539	3.0955%
1823	0.495001	2.020196	3.1944%
1822	0.479679	2.084729	3.3102%
1821	0.464309	2.153738	3.2277%
1820	0.449791	2.223255	2.6573%
1819	0.438148	2.282333	2.6261%
1818	0.426936	2.342269	2.6969%
1817	0.415725	2.405439	2.7717%
1816	0.404513	2.472110	2.8507%
1815	0.393301	2.542582	2.9343%
1814	0.382089	2.617190	3.0231%
1813	0.370877	2.696309	3.1039%
1812	0.359712	2.780000	3.2172%
1811	0.348500	2.869437	3.0969%
1810	0.338032	2.958301	2.9144%
1809	0.328459	3.044517	2.8225%

1808	0.319443	3.130447	2.9199%
1807	0.310380	3.221854	2.9918%
1806	0.301364	3.318245	3.0841%
1805	0.292348	3.420582	3.1822%
1804	0.283332	3.529431	3.2868%
1803	0.274316	3.645436	3.3985%
1802	0.265299	3.769326	3.5180%
1801	0.256283	3.901932	3.3999%
1800	0.247856	4.034596	2.8419%
1799	0.241007	4.149254	2.7485%
1798	0.234560	4.263294	2.8261%
1797	0.228114	4.383780	3.7832%
1796	0.219798	4.549628	2.1272%
1795	0.215220	4.646408	3.0879%
1794	0.208773	4.789886	3.1625%
1793	0.202373	4.941367	3.2904%
1792	0.195926	5.103958	3.4024%
1791	0.189480	5.277613	3.2296%
1790	0.183552	5.448057	41.3145%
1780	0.129889	7.698892	29.4353%
1770	0.100350	9.965085	83.4728%
1750	0.054695	18.283225	29.2845%
1740	0.042306	23.637367	94.2514%
1720	0.021779	45.915916	85.8111%
1700	0.011721	85.316859	19.2490%
1690	0.009829	101.739544	88.0250%
1670	0.005228	191.295800	

BASE YEAR: 1846

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	14.496025	0.068984	8.2857%
2001	13.386838	0.074700	1.0000%
2000	13.254293	0.075447	1.0000%
1999	13.123063	0.076202	1.0000%
1998	12.993131	0.076964	1.0000%
1997	12.864486	0.077733	1.0000%
1996	12.737115	0.078511	1.0000%
1995	12.611005	0.079296	0.9992%
1994	12.486240	0.080088	1.0008%
1993	12.362519	0.080890	1.0000%
1992	12.240117	0.081699	0.9295%
1991	12.127393	0.082458	1.2505%
1990	11.977611	0.083489	0.7224%
1989	11.891700	0.084092	1.1077%
1988	11.761422	0.085024	0.8834%
1987	11.658435	0.085775	0.5594%
1986	11.593585	0.086255	1.3056%
1985	11.444167	0.087381	0.7673%
1984	11.357026	0.088051	0.8149%
1983	11.265221	0.088769	0.9737%
1982	11.156584	0.089633	0.9508%

1981	11.051505	0.090485	0.9031%
1980	10.952596	0.091303	2.2701%
1979	10.709484	0.093375	1.0042%
1978	10.603010	0.094313	0.9896%
1977	10.499110	0.095246	0.9103%
1976	10.404395	0.096113	0.8394%
1975	10.317784	0.096920	0.9042%
1974	10.225329	0.097796	1.1568%
1973	10.108397	0.098928	0.9427%
1972	10.013994	0.099860	0.7426%
1971	9.940175	0.100602	1.4697%
1970	9.796197	0.102080	0.6968%
1969	9.728407	0.102792	0.8565%
1968	9.645787	0.103672	1.5090%
1967	9.502393	0.105237	0.9949%
1966	9.408784	0.106284	1.0575%
1965	9.310330	0.107408	1.1300%
1964	9.206297	0.108621	1.5537%
1963	9.065452	0.110309	1.4658%
1962	8.934488	0.111926	1.5364%
1961	8.799293	0.113645	2.1586%
1960	8.613362	0.116099	-1.6655%
1959	8.759245	0.114165	4.3080%
1958	8.397482	0.119083	2.1130%
1957	8.223718	0.121599	1.9895%
1956	8.063300	0.124019	2.1231%
1955	7.895667	0.126652	1.4496%
1954	7.782846	0.128488	2.1573%
1953	7.618496	0.131260	1.2298%
1952	7.525945	0.132874	1.6814%
1951	7.401498	0.135108	1.6233%
1950	7.283271	0.137301	1.4265%
1949	7.180833	0.139260	1.7790%
1948	7.055316	0.141737	1.8242%
1947	6.928922	0.144323	-2.6320%
1946	7.116223	0.140524	3.1768%
1945	6.897116	0.144988	6.4754%
1944	6.477660	0.154377	-0.3437%
1943	6.499999	0.153846	0.6562%
1942	6.457623	0.154856	0.6633%
1941	6.415072	0.155883	-5.6614%
1940	6.800052	0.147058	8.0381%
1939	6.294123	0.158878	0.8126%
1938	6.243388	0.160169	0.7762%
1937	6.195297	0.161413	0.6029%
1936	6.158171	0.162386	0.5244%
1935	6.126046	0.163237	-3.0364%
1934	6.317880	0.158281	4.6271%
1933	6.038473	0.165605	1.3921%
1932	5.955564	0.167910	-0.2051%
1931	5.967803	0.167566	0.8886%
1930	5.915241	0.169055	1.0126%
1929	5.855944	0.170767	1.1526%

1928	5.789218	0.172735	1.2160%
1927	5.719667	0.174835	1.4086%
1926	5.640220	0.177298	1.7667%
1925	5.542305	0.180430	1.4465%
1924	5.463278	0.183040	1.7700%
1923	5.368261	0.186280	1.6165%
1922	5.282863	0.189291	1.3736%
1921	5.211278	0.191891	2.3393%
1920	5.092157	0.196380	1.3140%
1919	5.026113	0.198961	0.7676%
1918	4.987825	0.200488	0.3870%
1917	4.968597	0.201264	1.3274%
1916	4.903506	0.203936	1.4083%
1915	4.835409	0.206808	1.4458%
1914	4.766495	0.209798	1.9424%
1913	4.675676	0.213873	1.9857%
1912	4.584640	0.218120	1.5634%
1911	4.514067	0.221530	1.8169%
1910	4.433513	0.225555	1.8781%
1909	4.351784	0.229791	2.0082%
1908	4.266110	0.234406	1.9603%
1907	4.184092	0.239001	1.8264%
1906	4.109046	0.243365	1.9357%
1905	4.031019	0.248076	2.0148%
1904	3.951404	0.253075	2.1335%
1903	3.868861	0.258474	1.8151%
1902	3.799887	0.263166	1.8943%
1901	3.729243	0.268151	3.0255%
1900	3.619728	0.276264	0.6278%
1899	3.597143	0.277998	1.7757%
1898	3.534385	0.282935	1.8078%
1897	3.471626	0.288049	1.8396%
1896	3.408916	0.293348	1.8755%
1895	3.346158	0.298850	1.9114%
1894	3.283399	0.304562	1.9486%
1893	3.220641	0.310497	1.9858%
1892	3.157930	0.316663	2.0276%
1891	3.095172	0.323084	2.6465%
1890	3.015369	0.331634	1.5328%
1889	2.969847	0.336718	2.0811%
1888	2.909301	0.343725	2.1599%
1887	2.847793	0.351149	2.2075%
1886	2.786285	0.358901	2.2592%
1885	2.724728	0.367009	2.3095%
1884	2.663220	0.375485	2.3641%
1883	2.601712	0.384362	2.4214%
1882	2.540204	0.393669	2.4815%
1881	2.478696	0.403438	3.7644%
1880	2.388773	0.418625	0.9432%
1879	2.366452	0.422574	2.1464%
1878	2.316726	0.431644	2.1913%
1877	2.267048	0.441102	2.2426%
1876	2.217322	0.450994	2.2941%

1875	2.167596	0.461340	2.3456%
1874	2.117919	0.472162	2.4043%
1873	2.068193	0.483514	2.4635%
1872	2.018467	0.495426	2.5258%
1871	1.968741	0.507939	5.9947%
1870	1.857396	0.538388	-1.0968%
1869	1.877994	0.532483	2.1930%
1868	1.837694	0.544160	2.2394%
1867	1.797442	0.556346	2.2935%
1866	1.757141	0.569106	2.3445%
1865	1.716889	0.582449	2.4037%
1864	1.676589	0.596449	2.4599%
1863	1.636337	0.611121	2.5250%
1862	1.596037	0.626552	2.5872%
1861	1.555785	0.642762	2.9504%
1860	1.511199	0.661726	2.4012%
1859	1.475762	0.677616	2.7627%
1858	1.436087	0.696336	2.8412%
1857	1.396412	0.716121	2.9243%
1856	1.356738	0.737062	3.0161%
1855	1.317015	0.759293	3.1061%
1854	1.277340	0.782877	3.2056%
1853	1.237665	0.807973	3.3118%
1852	1.197990	0.834732	3.4252%
1851	1.158315	0.863323	4.0106%
1850	1.113651	0.897948	2.3254%
1849	1.088343	0.918828	2.7841%
1848	1.058863	0.944409	2.8590%
1847	1.029432	0.971410	2.9432%
1846	1.000000	1.000000	3.0324%
1845	0.970568	1.030324	3.1325%
1844	0.941089	1.062599	3.2284%
1843	0.911657	1.096904	3.3361%
1842	0.882226	1.133497	3.4512%
1841	0.852794	1.172616	3.8105%
1840	0.821491	1.217298	2.3861%
1839	0.802347	1.246344	2.5824%
1838	0.782149	1.278529	2.6573%
1837	0.761902	1.312504	2.7232%
1836	0.741704	1.348246	2.7994%
1835	0.721506	1.385989	2.8871%
1834	0.701260	1.426005	2.9657%
1833	0.681062	1.468295	3.0563%
1832	0.660864	1.513171	3.1604%
1831	0.640617	1.560994	3.4660%
1830	0.619158	1.615097	2.4653%
1829	0.604261	1.654914	2.6804%
1828	0.588487	1.699273	10.3427%
1827	0.533327	1.875023	-4.2314%
1826	0.556891	1.795682	2.9150%
1825	0.541118	1.848027	3.0026%
1824	0.525344	1.903515	3.0955%
1823	0.509570	1.962439	3.1944%

1822	0.493796	2.025127	3.3102%
1821	0.477974	2.092162	3.2277%
1820	0.463029	2.159692	2.6573%
1819	0.451044	2.217081	2.6261%
1818	0.439502	2.275304	2.6969%
1817	0.427960	2.336667	2.7717%
1816	0.416418	2.401432	2.8507%
1815	0.404876	2.469890	2.9343%
1814	0.393335	2.542365	3.0231%
1813	0.381793	2.619222	3.1039%
1812	0.370299	2.700519	3.2172%
1811	0.358757	2.787399	3.0969%
1810	0.347981	2.873723	2.9144%
1809	0.338126	2.957474	2.8225%
1808	0.328845	3.040948	2.9199%
1807	0.319515	3.129741	2.9918%
1806	0.310234	3.223376	3.0841%
1805	0.300952	3.322787	3.1822%
1804	0.291671	3.428524	3.2868%
1803	0.282389	3.541213	3.3985%
1802	0.273108	3.661560	3.5180%
1801	0.263826	3.790376	3.3999%
1800	0.255151	3.919246	2.8419%
1799	0.248100	4.030626	2.7485%
1798	0.241464	4.141406	2.8261%
1797	0.234827	4.258448	3.7832%
1796	0.226267	4.419554	2.1272%
1795	0.221554	4.513566	3.0879%
1794	0.214918	4.652942	3.1625%
1793	0.208329	4.800092	3.2904%
1792	0.201693	4.958035	3.4024%
1791	0.195056	5.126726	3.2296%
1790	0.188954	5.292297	41.3145%
1780	0.133712	7.478780	29.4353%
1770	0.103304	9.680182	83.4728%
1750	0.056305	17.760506	29.2845%
1740	0.043551	22.961572	94.2514%
1720	0.022420	44.603175	85.8111%
1700	0.012066	82.877640	19.2490%
1690	0.010118	98.830798	88.0250%
1670	0.005381	185.826631	

BASE YEAR: 1845

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	14.935603	0.066954	8.2857%
2001	13.792781	0.072502	1.0000%
2000	13.656217	0.073227	1.0000%
1999	13.521007	0.073959	1.0000%
1998	13.387136	0.074699	1.0000%
1997	13.254590	0.075446	1.0000%
1996	13.123356	0.076200	1.0000%

1995	12.993422	0.076962	0.9992%
1994	12.864873	0.077731	1.0008%
1993	12.737400	0.078509	1.0000%
1992	12.611287	0.079294	0.9295%
1991	12.495144	0.080031	1.2505%
1990	12.340820	0.081032	0.7224%
1989	12.252304	0.081617	1.1077%
1988	12.118076	0.082521	0.8834%
1987	12.011966	0.083250	0.5594%
1986	11.945149	0.083716	1.3056%
1985	11.791200	0.084809	0.7673%
1984	11.701417	0.085460	0.8149%
1983	11.606828	0.086156	0.9737%
1982	11.494896	0.086995	0.9508%
1981	11.386632	0.087822	0.9031%
1980	11.284723	0.088615	2.2701%
1979	11.034238	0.090627	1.0042%
1978	10.924537	0.091537	0.9896%
1977	10.817486	0.092443	0.9103%
1976	10.719899	0.093284	0.8394%
1975	10.630661	0.094068	0.9042%
1974	10.535403	0.094918	1.1568%
1973	10.414924	0.096016	0.9427%
1972	10.317659	0.096921	0.7426%
1971	10.241601	0.097641	1.4697%
1970	10.093257	0.099076	0.6968%
1969	10.023412	0.099766	0.8565%
1968	9.938287	0.100621	1.5090%
1967	9.790544	0.102139	0.9949%
1966	9.694096	0.103156	1.0575%
1965	9.592657	0.104246	1.1300%
1964	9.485470	0.105424	1.5537%
1963	9.340353	0.107062	1.4658%
1962	9.205418	0.108632	1.5364%
1961	9.066123	0.110301	2.1586%
1960	8.874554	0.112682	-1.6655%
1959	9.024861	0.110805	4.3080%
1958	8.652128	0.115579	2.1130%
1957	8.473095	0.118021	1.9895%
1956	8.307811	0.120369	2.1231%
1955	8.135096	0.122924	1.4496%
1954	8.018853	0.124706	2.1573%
1953	7.849519	0.127396	1.2298%
1952	7.754162	0.128963	1.6814%
1951	7.625941	0.131131	1.6233%
1950	7.504129	0.133260	1.4265%
1949	7.398585	0.135161	1.7790%
1948	7.269262	0.137566	1.8242%
1947	7.139035	0.140075	-2.6320%
1946	7.332016	0.136388	3.1768%
1945	7.106264	0.140721	6.4754%
1944	6.674089	0.149833	-0.3437%
1943	6.697106	0.149318	0.6562%

1942	6.653444	0.150298	0.6633%
1941	6.609603	0.151295	-5.6614%
1940	7.006257	0.142730	8.0381%
1939	6.484987	0.154202	0.8126%
1938	6.432712	0.155455	0.7762%
1937	6.383163	0.156662	0.6029%
1936	6.344911	0.157607	0.5244%
1935	6.311813	0.158433	-3.0364%
1934	6.509464	0.153622	4.6271%
1933	6.221584	0.160731	1.3921%
1932	6.136161	0.162968	-0.2051%
1931	6.148771	0.162634	0.8886%
1930	6.094615	0.164079	1.0126%
1929	6.033520	0.165741	1.1526%
1928	5.964771	0.167651	1.2160%
1927	5.893110	0.169690	1.4086%
1926	5.811254	0.172080	1.7667%
1925	5.710370	0.175120	1.4465%
1924	5.628947	0.177653	1.7700%
1923	5.531049	0.180798	1.6165%
1922	5.443061	0.183720	1.3736%
1921	5.369305	0.186244	2.3393%
1920	5.246572	0.190601	1.3140%
1919	5.178525	0.193105	0.7676%
1918	5.139076	0.194588	0.3870%
1917	5.119265	0.195341	1.3274%
1916	5.052200	0.197934	1.4083%
1915	4.982038	0.200721	1.4458%
1914	4.911035	0.203623	1.9424%
1913	4.817461	0.207578	1.9857%
1912	4.723665	0.211700	1.5634%
1911	4.650951	0.215010	1.8169%
1910	4.567955	0.218916	1.8781%
1909	4.483748	0.223028	2.0082%
1908	4.395476	0.227507	1.9603%
1907	4.310970	0.231966	1.8264%
1906	4.233649	0.236203	1.9357%
1905	4.153255	0.240775	2.0148%
1904	4.071227	0.245626	2.1335%
1903	3.986181	0.250867	1.8151%
1902	3.915115	0.255420	1.8943%
1901	3.842328	0.260259	3.0255%
1900	3.729493	0.268133	0.6278%
1899	3.706223	0.269816	1.7757%
1898	3.641562	0.274607	1.8078%
1897	3.576900	0.279572	1.8396%
1896	3.512288	0.284715	1.8755%
1895	3.447627	0.290055	1.9114%
1894	3.382965	0.295599	1.9486%
1893	3.318303	0.301359	1.9858%
1892	3.253691	0.307343	2.0276%
1891	3.189030	0.313575	2.6465%
1890	3.106808	0.321874	1.5328%

1889	3.059905	0.326808	2.0811%
1888	2.997523	0.333609	2.1599%
1887	2.934149	0.340814	2.2075%
1886	2.870776	0.348338	2.2592%
1885	2.807353	0.356207	2.3095%
1884	2.743980	0.364434	2.3641%
1883	2.680606	0.373050	2.4214%
1882	2.617233	0.382083	2.4815%
1881	2.553860	0.391564	3.7644%
1880	2.461210	0.406304	0.9432%
1879	2.438212	0.410137	2.1464%
1878	2.386978	0.418940	2.1913%
1877	2.335794	0.428120	2.2426%
1876	2.284560	0.437721	2.2941%
1875	2.233327	0.447763	2.3456%
1874	2.182143	0.458265	2.4043%
1873	2.130909	0.469283	2.4635%
1872	2.079675	0.480844	2.5258%
1871	2.028441	0.492989	5.9947%
1870	1.913720	0.522543	-1.0968%
1869	1.934942	0.516811	2.1930%
1868	1.893420	0.528145	2.2394%
1867	1.851947	0.539972	2.2935%
1866	1.810425	0.552356	2.3445%
1865	1.768953	0.565306	2.4037%
1864	1.727430	0.578895	2.4599%
1863	1.685958	0.593135	2.5250%
1862	1.644436	0.608111	2.5872%
1861	1.602963	0.623845	2.9504%
1860	1.557024	0.642251	2.4012%
1859	1.520513	0.657673	2.7627%
1858	1.479635	0.675842	2.8412%
1857	1.438757	0.695044	2.9243%
1856	1.397879	0.715369	3.0161%
1855	1.356952	0.736946	3.1061%
1854	1.316074	0.759836	3.2056%
1853	1.275196	0.784193	3.3118%
1852	1.234318	0.810164	3.4252%
1851	1.193440	0.837914	4.0106%
1850	1.147421	0.871520	2.3254%
1849	1.121346	0.891786	2.7841%
1848	1.090972	0.916614	2.8590%
1847	1.060648	0.942820	2.9432%
1846	1.030324	0.970568	3.0324%
1845	1.000000	1.000000	3.1325%
1844	0.969626	1.031325	3.2284%
1843	0.939302	1.064620	3.3361%
1842	0.908978	1.100136	3.4512%
1841	0.878654	1.138104	3.8105%
1840	0.846402	1.181471	2.3861%
1839	0.826677	1.209662	2.5824%
1838	0.805867	1.240900	2.6573%
1837	0.785006	1.273875	2.7232%

1836	0.764196	1.308565	2.7994%
1835	0.743385	1.345198	2.8871%
1834	0.722525	1.384035	2.9657%
1833	0.701714	1.425081	3.0563%
1832	0.680904	1.468636	3.1604%
1831	0.660044	1.515051	3.4660%
1830	0.637933	1.567563	2.4653%
1829	0.622584	1.606208	2.6804%
1828	0.606332	1.649260	10.3427%
1827	0.549500	1.819838	-4.2314%
1826	0.573779	1.742832	2.9150%
1825	0.557527	1.793637	3.0026%
1824	0.541274	1.847492	3.0955%
1823	0.525022	1.904681	3.1944%
1822	0.508770	1.965524	3.3102%
1821	0.492469	2.030587	3.2277%
1820	0.477070	2.096129	2.6573%
1819	0.464721	2.151829	2.6261%
1818	0.452829	2.208338	2.6969%
1817	0.440937	2.267895	2.7717%
1816	0.429046	2.330754	2.8507%
1815	0.417154	2.397197	2.9343%
1814	0.405262	2.467539	3.0231%
1813	0.393370	2.542134	3.1039%
1812	0.381528	2.621039	3.2172%
1811	0.369636	2.705362	3.0969%
1810	0.358533	2.789145	2.9144%
1809	0.348380	2.870431	2.8225%
1808	0.338817	2.951448	2.9199%
1807	0.329204	3.037628	2.9918%
1806	0.319641	3.128507	3.0841%
1805	0.310078	3.224992	3.1822%
1804	0.300515	3.327617	3.2868%
1803	0.290952	3.436989	3.3985%
1802	0.281389	3.553795	3.5180%
1801	0.271826	3.678819	3.3999%
1800	0.262888	3.803897	2.8419%
1799	0.255624	3.911998	2.7485%
1798	0.248786	4.019518	2.8261%
1797	0.241948	4.133115	3.7832%
1796	0.233129	4.289479	2.1272%
1795	0.228273	4.380725	3.0879%
1794	0.221435	4.515999	3.1625%
1793	0.214647	4.658818	3.2904%
1792	0.207809	4.812113	3.4024%
1791	0.200971	4.975838	3.2296%
1790	0.194684	5.136536	41.3145%
1780	0.137766	7.258668	29.4353%
1770	0.106436	9.395280	83.4728%
1750	0.058012	17.237786	29.2845%
1740	0.044872	22.285777	94.2514%
1720	0.023100	43.290433	85.8111%
1700	0.012432	80.438422	19.2490%

1690 0.010425 95.922053 88.0250%
1670 0.005545 180.357462

BASE YEAR: 1844

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	15.403462	0.064920	8.2857%
2001	14.224840	0.070300	1.0000%
2000	14.083999	0.071003	1.0000%
1999	13.944553	0.071713	1.0000%
1998	13.806488	0.072430	1.0000%
1997	13.669790	0.073154	1.0000%
1996	13.534446	0.073886	1.0000%
1995	13.400442	0.074624	0.9992%
1994	13.267866	0.075370	1.0008%
1993	13.136400	0.076124	1.0000%
1992	13.006337	0.076886	0.9295%
1991	12.886555	0.077600	1.2505%
1990	12.727397	0.078571	0.7224%
1989	12.636108	0.079138	1.1077%
1988	12.497675	0.080015	0.8834%
1987	12.388242	0.080722	0.5594%
1986	12.319332	0.081173	1.3056%
1985	12.160560	0.082233	0.7673%
1984	12.067965	0.082864	0.8149%
1983	11.970412	0.083539	0.9737%
1982	11.854975	0.084353	0.9508%
1981	11.743319	0.085155	0.9031%
1980	11.638218	0.085924	2.2701%
1979	11.379887	0.087874	1.0042%
1978	11.266748	0.088757	0.9896%
1977	11.156344	0.089635	0.9103%
1976	11.055700	0.090451	0.8394%
1975	10.963667	0.091210	0.9042%
1974	10.865425	0.092035	1.1568%
1973	10.741172	0.093100	0.9427%
1972	10.640861	0.093977	0.7426%
1971	10.562420	0.094675	1.4697%
1970	10.409429	0.096067	0.6968%
1969	10.337396	0.096736	0.8565%
1968	10.249604	0.097565	1.5090%
1967	10.097233	0.099037	0.9949%
1966	9.997764	0.100022	1.0575%
1965	9.893147	0.101080	1.1300%
1964	9.782603	0.102222	1.5537%
1963	9.632940	0.103810	1.4658%
1962	9.493778	0.105332	1.5364%
1961	9.350120	0.106950	2.1586%
1960	9.152550	0.109259	-1.6655%
1959	9.307566	0.107439	4.3080%
1958	8.923157	0.112068	2.1130%
1957	8.738515	0.114436	1.9895%

1956	8.568054	0.116713	2.1231%
1955	8.389928	0.119191	1.4496%
1954	8.270044	0.120918	2.1573%
1953	8.095406	0.123527	1.2298%
1952	7.997062	0.125046	1.6814%
1951	7.864824	0.127148	1.6233%
1950	7.739196	0.129212	1.4265%
1949	7.630346	0.131056	1.7790%
1948	7.496972	0.133387	1.8242%
1947	7.362665	0.135820	-2.6320%
1946	7.561692	0.132246	3.1768%
1945	7.328868	0.136447	6.4754%
1944	6.883155	0.145282	-0.3437%
1943	6.906893	0.144783	0.6562%
1942	6.861864	0.145733	0.6633%
1941	6.816649	0.146700	-5.6614%
1940	7.225728	0.138394	8.0381%
1939	6.688129	0.149519	0.8126%
1938	6.634217	0.150734	0.7762%
1937	6.583116	0.151904	0.6029%
1936	6.543666	0.152820	0.5244%
1935	6.509530	0.153621	-3.0364%
1934	6.713373	0.148956	4.6271%
1933	6.416475	0.155849	1.3921%
1932	6.328377	0.158018	-0.2051%
1931	6.341382	0.157694	0.8886%
1930	6.285529	0.159096	1.0126%
1929	6.222520	0.160707	1.1526%
1928	6.151617	0.162559	1.2160%
1927	6.077712	0.164536	1.4086%
1926	5.993292	0.166853	1.7667%
1925	5.889247	0.169801	1.4465%
1924	5.805274	0.172257	1.7700%
1923	5.704309	0.175306	1.6165%
1922	5.613565	0.178140	1.3736%
1921	5.537499	0.180587	2.3393%
1920	5.410921	0.184811	1.3140%
1919	5.340743	0.187240	0.7676%
1918	5.300057	0.188677	0.3870%
1917	5.279626	0.189407	1.3274%
1916	5.210460	0.191922	1.4083%
1915	5.138101	0.194624	1.4458%
1914	5.064873	0.197438	1.9424%
1913	4.968368	0.201273	1.9857%
1912	4.871634	0.205270	1.5634%
1911	4.796643	0.208479	1.8169%
1910	4.711047	0.212267	1.8781%
1909	4.624202	0.216254	2.0082%
1908	4.533165	0.220596	1.9603%
1907	4.446012	0.224921	1.8264%
1906	4.366268	0.229029	1.9357%
1905	4.283356	0.233462	2.0148%
1904	4.198758	0.238166	2.1335%

1903	4.111048	0.243247	1.8151%
1902	4.037757	0.247662	1.8943%
1901	3.962689	0.252354	3.0255%
1900	3.846319	0.259989	0.6278%
1899	3.822321	0.261621	1.7757%
1898	3.755634	0.266267	1.8078%
1897	3.688947	0.271080	1.8396%
1896	3.622311	0.276067	1.8755%
1895	3.555624	0.281245	1.9114%
1894	3.488937	0.286620	1.9486%
1893	3.422249	0.292205	1.9858%
1892	3.355613	0.298008	2.0276%
1891	3.288926	0.304051	2.6465%
1890	3.204129	0.312097	1.5328%
1889	3.155757	0.316881	2.0811%
1888	3.091420	0.323476	2.1599%
1887	3.026062	0.330463	2.2075%
1886	2.960703	0.337758	2.2592%
1885	2.895294	0.345388	2.3095%
1884	2.829935	0.353365	2.3641%
1883	2.764577	0.361719	2.4214%
1882	2.699218	0.370478	2.4815%
1881	2.633860	0.379671	3.7644%
1880	2.538308	0.393963	0.9432%
1879	2.514589	0.397679	2.1464%
1878	2.461751	0.406215	2.1913%
1877	2.408963	0.415116	2.2426%
1876	2.356124	0.424426	2.2941%
1875	2.303286	0.434162	2.3456%
1874	2.250498	0.444346	2.4043%
1873	2.197660	0.455030	2.4635%
1872	2.144821	0.466239	2.5258%
1871	2.091982	0.478016	5.9947%
1870	1.973667	0.506671	-1.0968%
1869	1.995554	0.501114	2.1930%
1868	1.952731	0.512103	2.2394%
1867	1.909960	0.523571	2.2935%
1866	1.867137	0.535579	2.3445%
1865	1.824365	0.548136	2.4037%
1864	1.781542	0.561311	2.4599%
1863	1.738771	0.575119	2.5250%
1862	1.695948	0.589641	2.5872%
1861	1.653176	0.604896	2.9504%
1860	1.605798	0.622743	2.4012%
1859	1.568143	0.637697	2.7627%
1858	1.525985	0.655314	2.8412%
1857	1.483826	0.673933	2.9243%
1856	1.441668	0.693641	3.0161%
1855	1.399458	0.714562	3.1061%
1854	1.357300	0.736757	3.2056%
1853	1.315141	0.760375	3.3118%
1852	1.272983	0.785557	3.4252%
1851	1.230824	0.812464	4.0106%

1850	1.183364	0.845048	2.3254%
1849	1.156472	0.864699	2.7841%
1848	1.125147	0.888773	2.8590%
1847	1.093873	0.914183	2.9432%
1846	1.062599	0.941089	3.0324%
1845	1.031325	0.969626	3.1325%
1844	1.000000	1.000000	3.2284%
1843	0.968726	1.032284	3.3361%
1842	0.937452	1.066721	3.4512%
1841	0.906178	1.103536	3.8105%
1840	0.872916	1.145586	2.3861%
1839	0.852573	1.172920	2.5824%
1838	0.831110	1.203210	2.6573%
1837	0.809597	1.235183	2.7232%
1836	0.788134	1.268819	2.7994%
1835	0.766672	1.304339	2.8871%
1834	0.745158	1.341997	2.9657%
1833	0.723696	1.381796	3.0563%
1832	0.702233	1.424029	3.1604%
1831	0.680720	1.469034	3.4660%
1830	0.657916	1.519950	2.4653%
1829	0.642087	1.557421	2.6804%
1828	0.625326	1.599166	10.3427%
1827	0.566713	1.764563	-4.2314%
1826	0.591752	1.689896	2.9150%
1825	0.574991	1.739157	3.0026%
1824	0.558230	1.791377	3.0955%
1823	0.541469	1.846829	3.1944%
1822	0.524707	1.905824	3.3102%
1821	0.507895	1.968910	3.2277%
1820	0.492014	2.032462	2.6573%
1819	0.479278	2.086470	2.6261%
1818	0.467014	2.141263	2.6969%
1817	0.454750	2.199011	2.7717%
1816	0.442486	2.259961	2.8507%
1815	0.430221	2.324385	2.9343%
1814	0.417957	2.392591	3.0231%
1813	0.405693	2.464920	3.1039%
1812	0.393479	2.541429	3.2172%
1811	0.381215	2.623190	3.0969%
1810	0.369764	2.704428	2.9144%
1809	0.359293	2.783246	2.8225%
1808	0.349430	2.861802	2.9199%
1807	0.339517	2.945364	2.9918%
1806	0.329654	3.033483	3.0841%
1805	0.319792	3.127037	3.1822%
1804	0.309929	3.226546	3.2868%
1803	0.300066	3.332595	3.3985%
1802	0.290204	3.445853	3.5180%
1801	0.280341	3.567080	3.3999%
1800	0.271123	3.688359	2.8419%
1799	0.263631	3.793177	2.7485%
1798	0.256579	3.897431	2.8261%

1797	0.249527	4.007577	3.7832%
1796	0.240431	4.159192	2.1272%
1795	0.235423	4.247667	3.0879%
1794	0.228371	4.378832	3.1625%
1793	0.221371	4.517313	3.2904%
1792	0.214319	4.665951	3.4024%
1791	0.207267	4.824704	3.2296%
1790	0.200782	4.980521	41.3145%
1780	0.142082	7.038196	29.4353%
1770	0.109771	9.109911	83.4728%
1750	0.059829	16.714213	29.2845%
1740	0.046277	21.608878	94.2514%
1720	0.023823	41.975547	85.8111%
1700	0.012821	77.995217	19.2490%
1690	0.010752	93.008555	88.0250%
1670	0.005718	174.879357	

BASE YEAR: 1843

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	15.900741	0.062890	8.2857%
2001	14.684069	0.068101	1.0000%
2000	14.538681	0.068782	1.0000%
1999	14.394733	0.069470	1.0000%
1998	14.252211	0.070165	1.0000%
1997	14.111100	0.070866	1.0000%
1996	13.971386	0.071575	1.0000%
1995	13.833056	0.072291	0.9992%
1994	13.696200	0.073013	1.0008%
1993	13.560490	0.073744	1.0000%
1992	13.426228	0.074481	0.9295%
1991	13.302580	0.075173	1.2505%
1990	13.138283	0.076113	0.7224%
1989	13.044047	0.076663	1.1077%
1988	12.901145	0.077513	0.8834%
1987	12.788179	0.078197	0.5594%
1986	12.717044	0.078635	1.3056%
1985	12.553147	0.079661	0.7673%
1984	12.457562	0.080273	0.8149%
1983	12.356860	0.080927	0.9737%
1982	12.237696	0.081715	0.9508%
1981	12.122435	0.082492	0.9031%
1980	12.013941	0.083237	2.2701%
1979	11.747270	0.085126	1.0042%
1978	11.630480	0.085981	0.9896%
1977	11.516511	0.086832	0.9103%
1976	11.412618	0.087622	0.8394%
1975	11.317614	0.088358	0.9042%
1974	11.216200	0.089157	1.1568%
1973	11.087936	0.090188	0.9427%
1972	10.984386	0.091038	0.7426%
1971	10.903413	0.091714	1.4697%

1970	10.745483	0.093062	0.6968%
1969	10.671124	0.093711	0.8565%
1968	10.580498	0.094514	1.5090%
1967	10.423208	0.095940	0.9949%
1966	10.320528	0.096894	1.0575%
1965	10.212534	0.097919	1.1300%
1964	10.098420	0.099025	1.5537%
1963	9.943926	0.100564	1.4658%
1962	9.800272	0.102038	1.5364%
1961	9.651976	0.103606	2.1586%
1960	9.448027	0.105842	-1.6655%
1959	9.608047	0.104079	4.3080%
1958	9.211228	0.108563	2.1130%
1957	9.020626	0.110857	1.9895%
1956	8.844662	0.113063	2.1231%
1955	8.660785	0.115463	1.4496%
1954	8.537031	0.117137	2.1573%
1953	8.356755	0.119664	1.2298%
1952	8.255236	0.121135	1.6814%
1951	8.118729	0.123172	1.6233%
1950	7.989045	0.125171	1.4265%
1949	7.876681	0.126957	1.7790%
1948	7.739001	0.129216	1.8242%
1947	7.600359	0.131573	-2.6320%
1946	7.805811	0.128110	3.1768%
1945	7.565471	0.132179	6.4754%
1944	7.105368	0.140739	-0.3437%
1943	7.129872	0.140255	0.6562%
1942	7.083389	0.141175	0.6633%
1941	7.036715	0.142112	-5.6614%
1940	7.459001	0.134066	8.0381%
1939	6.904046	0.144843	0.8126%
1938	6.848394	0.146020	0.7762%
1937	6.795643	0.147153	0.6029%
1936	6.754919	0.148040	0.5244%
1935	6.719681	0.148817	-3.0364%
1934	6.930105	0.144298	4.6271%
1933	6.623622	0.150975	1.3921%
1932	6.532679	0.153077	-0.2051%
1931	6.546104	0.152763	0.8886%
1930	6.488448	0.154120	1.0126%
1929	6.423406	0.155681	1.1526%
1928	6.350214	0.157475	1.2160%
1927	6.273923	0.159390	1.4086%
1926	6.186777	0.161635	1.7667%
1925	6.079373	0.164491	1.4465%
1924	5.992689	0.166870	1.7700%
1923	5.888465	0.169824	1.6165%
1922	5.794791	0.172569	1.3736%
1921	5.716270	0.174939	2.3393%
1920	5.585605	0.179032	1.3140%
1919	5.513161	0.181384	0.7676%
1918	5.471162	0.182777	0.3870%

1917	5.450071	0.183484	1.3274%
1916	5.378673	0.185919	1.4083%
1915	5.303977	0.188538	1.4458%
1914	5.228385	0.191264	1.9424%
1913	5.128765	0.194979	1.9857%
1912	5.028908	0.198850	1.5634%
1911	4.951495	0.201959	1.8169%
1910	4.863136	0.205629	1.8781%
1909	4.773487	0.209490	2.0082%
1908	4.679512	0.213698	1.9603%
1907	4.589545	0.217887	1.8264%
1906	4.507227	0.221866	1.9357%
1905	4.421638	0.226161	2.0148%
1904	4.334309	0.230717	2.1335%
1903	4.243767	0.235640	1.8151%
1902	4.168110	0.239917	1.8943%
1901	4.090619	0.244462	3.0255%
1900	3.970492	0.251858	0.6278%
1899	3.945719	0.253439	1.7757%
1898	3.876879	0.257939	1.8078%
1897	3.808039	0.262602	1.8396%
1896	3.739252	0.267433	1.8755%
1895	3.670412	0.272449	1.9114%
1894	3.601572	0.277657	1.9486%
1893	3.532732	0.283067	1.9858%
1892	3.463945	0.288688	2.0276%
1891	3.395105	0.294542	2.6465%
1890	3.307569	0.302337	1.5328%
1889	3.257636	0.306971	2.0811%
1888	3.191222	0.313360	2.1599%
1887	3.123754	0.320128	2.2075%
1886	3.056285	0.327195	2.2592%
1885	2.988764	0.334586	2.3095%
1884	2.921296	0.342314	2.3641%
1883	2.853827	0.350407	2.4214%
1882	2.786359	0.358891	2.4815%
1881	2.718890	0.367797	3.7644%
1880	2.620253	0.381642	0.9432%
1879	2.595769	0.385242	2.1464%
1878	2.541225	0.393511	2.1913%
1877	2.486733	0.402134	2.2426%
1876	2.432189	0.411152	2.2941%
1875	2.377644	0.420584	2.3456%
1874	2.323152	0.430450	2.4043%
1873	2.268608	0.440799	2.4635%
1872	2.214063	0.451658	2.5258%
1871	2.159519	0.463066	5.9947%
1870	2.037384	0.490825	-1.0968%
1869	2.059978	0.485442	2.1930%
1868	2.015773	0.496088	2.2394%
1867	1.971620	0.507197	2.2935%
1866	1.927415	0.518830	2.3445%
1865	1.883262	0.530994	2.4037%

1864	1.839057	0.543757	2.4599%
1863	1.794904	0.557133	2.5250%
1862	1.750699	0.571200	2.5872%
1861	1.706546	0.585979	2.9504%
1860	1.657639	0.603268	2.4012%
1859	1.618769	0.617753	2.7627%
1858	1.575249	0.634820	2.8412%
1857	1.531730	0.652857	2.9243%
1856	1.488210	0.671948	3.0161%
1855	1.444638	0.692215	3.1061%
1854	1.401118	0.713716	3.2056%
1853	1.357599	0.736595	3.3118%
1852	1.314079	0.760989	3.4252%
1851	1.270560	0.787055	4.0106%
1850	1.221567	0.818620	2.3254%
1849	1.193807	0.837656	2.7841%
1848	1.161471	0.860977	2.8590%
1847	1.129187	0.885593	2.9432%
1846	1.096904	0.911657	3.0324%
1845	1.064620	0.939302	3.1325%
1844	1.032284	0.968726	3.2284%
1843	1.000000	1.000000	3.3361%
1842	0.967716	1.033361	3.4512%
1841	0.935433	1.069024	3.8105%
1840	0.901097	1.109759	2.3861%
1839	0.880097	1.136238	2.5824%
1838	0.857942	1.165580	2.6573%
1837	0.835734	1.196554	2.7232%
1836	0.813578	1.229138	2.7994%
1835	0.791423	1.263547	2.8871%
1834	0.769215	1.300027	2.9657%
1833	0.747059	1.338582	3.0563%
1832	0.724904	1.379494	3.1604%
1831	0.702696	1.423091	3.4660%
1830	0.679156	1.472415	2.4653%
1829	0.662816	1.508715	2.6804%
1828	0.645514	1.549154	10.3427%
1827	0.585008	1.709378	-4.2314%
1826	0.610856	1.637047	2.9150%
1825	0.593554	1.684767	3.0026%
1824	0.576252	1.735353	3.0955%
1823	0.558949	1.789071	3.1944%
1822	0.541647	1.846221	3.3102%
1821	0.524292	1.907335	3.2277%
1820	0.507898	1.968899	2.6573%
1819	0.494751	2.021218	2.6261%
1818	0.482091	2.074297	2.6969%
1817	0.469431	2.130239	2.7717%
1816	0.456771	2.189283	2.8507%
1815	0.444110	2.251693	2.9343%
1814	0.431450	2.317765	3.0231%
1813	0.418790	2.387832	3.1039%
1812	0.406182	2.461948	3.2172%

1811	0.393522	2.541153	3.0969%
1810	0.381701	2.619850	2.9144%
1809	0.370892	2.696203	2.8225%
1808	0.360711	2.772302	2.9199%
1807	0.350477	2.853251	2.9918%
1806	0.340296	2.938614	3.0841%
1805	0.330116	3.029243	3.1822%
1804	0.319935	3.125639	3.2868%
1803	0.309754	3.228372	3.3985%
1802	0.299573	3.338088	3.5180%
1801	0.289392	3.455523	3.3999%
1800	0.279876	3.573009	2.8419%
1799	0.272142	3.674549	2.7485%
1798	0.264863	3.775543	2.8261%
1797	0.257583	3.882245	3.7832%
1796	0.248193	4.029118	2.1272%
1795	0.243024	4.114825	3.0879%
1794	0.235744	4.241889	3.1625%
1793	0.228517	4.376039	3.2904%
1792	0.221238	4.520029	3.4024%
1791	0.213958	4.673817	3.2296%
1790	0.207264	4.824760	41.3145%
1780	0.146669	6.818084	29.4353%
1770	0.113314	8.825008	83.4728%
1750	0.061761	16.191493	29.2845%
1740	0.047771	20.933083	94.2514%
1720	0.024592	40.662806	85.8111%
1700	0.013235	75.555998	19.2490%
1690	0.011099	90.099810	88.0250%
1670	0.005903	169.410188	

BASE YEAR: 1842

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	16.431199	0.060860	8.2857%
2001	15.173938	0.065902	1.0000%
2000	15.023700	0.066562	1.0000%
1999	14.874950	0.067227	1.0000%
1998	14.727673	0.067899	1.0000%
1997	14.581855	0.068578	1.0000%
1996	14.437480	0.069264	1.0000%
1995	14.294535	0.069957	0.9992%
1994	14.153114	0.070656	1.0008%
1993	14.012876	0.071363	1.0000%
1992	13.874135	0.072077	0.9295%
1991	13.746361	0.072747	1.2505%
1990	13.576584	0.073656	0.7224%
1989	13.479204	0.074188	1.1077%
1988	13.331534	0.075010	0.8834%
1987	13.214800	0.075673	0.5594%
1986	13.141292	0.076096	1.3056%
1985	12.971927	0.077090	0.7673%

1984	12.873153	0.077681	0.8149%
1983	12.769092	0.078314	0.9737%
1982	12.645953	0.079077	0.9508%
1981	12.526847	0.079829	0.9031%
1980	12.414733	0.080549	2.2701%
1979	12.139166	0.082378	1.0042%
1978	12.018479	0.083205	0.9896%
1977	11.900709	0.084029	0.9103%
1976	11.793350	0.084794	0.8394%
1975	11.695176	0.085505	0.9042%
1974	11.590379	0.086278	1.1568%
1973	11.457836	0.087277	0.9427%
1972	11.350831	0.088099	0.7426%
1971	11.267157	0.088754	1.4697%
1970	11.103958	0.090058	0.6968%
1969	11.027119	0.090686	0.8565%
1968	10.933470	0.091462	1.5090%
1967	10.770932	0.092842	0.9949%
1966	10.664827	0.093766	1.0575%
1965	10.553230	0.094758	1.1300%
1964	10.435309	0.095828	1.5537%
1963	10.275661	0.097317	1.4658%
1962	10.127214	0.098744	1.5364%
1961	9.973971	0.100261	2.1586%
1960	9.763218	0.102425	-1.6655%
1959	9.928577	0.100719	4.3080%
1958	9.518520	0.105058	2.1130%
1957	9.321559	0.107278	1.9895%
1956	9.139725	0.109412	2.1231%
1955	8.949714	0.111735	1.4496%
1954	8.821832	0.113355	2.1573%
1953	8.635541	0.115801	1.2298%
1952	8.530635	0.117225	1.6814%
1951	8.389575	0.119196	1.6233%
1950	8.255564	0.121130	1.4265%
1949	8.139452	0.122858	1.7790%
1948	7.997179	0.125044	1.8242%
1947	7.853911	0.127325	-2.6320%
1946	8.066217	0.123974	3.1768%
1945	7.817859	0.127912	6.4754%
1944	7.342408	0.136195	-0.3437%
1943	7.367729	0.135727	0.6562%
1942	7.319695	0.136618	0.6633%
1941	7.271464	0.137524	-5.6614%
1940	7.707837	0.129738	8.0381%
1939	7.134369	0.140167	0.8126%
1938	7.076860	0.141306	0.7762%
1937	7.022349	0.142402	0.6029%
1936	6.980267	0.143261	0.5244%
1935	6.943854	0.144012	-3.0364%
1934	7.161297	0.139640	4.6271%
1933	6.844590	0.146101	1.3921%
1932	6.750613	0.148135	-0.2051%

1931	6.764486	0.147831	0.8886%
1930	6.704907	0.149145	1.0126%
1929	6.637694	0.150655	1.1526%
1928	6.562061	0.152391	1.2160%
1927	6.483224	0.154244	1.4086%
1926	6.393171	0.156417	1.7667%
1925	6.282185	0.159180	1.4465%
1924	6.192608	0.161483	1.7700%
1923	6.084907	0.164341	1.6165%
1922	5.988108	0.166998	1.3736%
1921	5.906968	0.169292	2.3393%
1920	5.771944	0.173252	1.3140%
1919	5.697084	0.175528	0.7676%
1918	5.653684	0.176876	0.3870%
1917	5.631889	0.177560	1.3274%
1916	5.558108	0.179917	1.4083%
1915	5.480921	0.182451	1.4458%
1914	5.402807	0.185089	1.9424%
1913	5.299864	0.188684	1.9857%
1912	5.196675	0.192431	1.5634%
1911	5.116680	0.195439	1.8169%
1910	5.025373	0.198990	1.8781%
1909	4.932734	0.202727	2.0082%
1908	4.835623	0.206799	1.9603%
1907	4.742655	0.210852	1.8264%
1906	4.657591	0.214703	1.9357%
1905	4.569147	0.218859	2.0148%
1904	4.478904	0.223269	2.1335%
1903	4.385342	0.228032	1.8151%
1902	4.307160	0.232172	1.8943%
1901	4.227085	0.236570	3.0255%
1900	4.102950	0.243727	0.6278%
1899	4.077351	0.245257	1.7757%
1898	4.006214	0.249612	1.8078%
1897	3.935078	0.254125	1.8396%
1896	3.863996	0.258799	1.8755%
1895	3.792859	0.263653	1.9114%
1894	3.721723	0.268693	1.9486%
1893	3.650586	0.273929	1.9858%
1892	3.579504	0.279368	2.0276%
1891	3.508367	0.285033	2.6465%
1890	3.417912	0.292576	1.5328%
1889	3.366312	0.297061	2.0811%
1888	3.297683	0.303243	2.1599%
1887	3.227964	0.309793	2.2075%
1886	3.158245	0.316632	2.2592%
1885	3.088471	0.323785	2.3095%
1884	3.018752	0.331263	2.3641%
1883	2.949032	0.339094	2.4214%
1882	2.879313	0.347305	2.4815%
1881	2.809594	0.355923	3.7644%
1880	2.707667	0.369322	0.9432%
1879	2.682366	0.372805	2.1464%

1878	2.626002	0.380807	2.1913%
1877	2.569692	0.389152	2.2426%
1876	2.513328	0.397879	2.2941%
1875	2.456964	0.407006	2.3456%
1874	2.400654	0.416553	2.4043%
1873	2.344290	0.426568	2.4635%
1872	2.287926	0.437077	2.5258%
1871	2.231562	0.448117	5.9947%
1870	2.105353	0.474980	-1.0968%
1869	2.128700	0.469770	2.1930%
1868	2.083020	0.480072	2.2394%
1867	2.037394	0.490823	2.2935%
1866	1.991714	0.502080	2.3445%
1865	1.946089	0.513851	2.4037%
1864	1.900409	0.526203	2.4599%
1863	1.854783	0.539147	2.5250%
1862	1.809103	0.552760	2.5872%
1861	1.763478	0.567061	2.9504%
1860	1.712939	0.583792	2.4012%
1859	1.672772	0.597810	2.7627%
1858	1.627800	0.614326	2.8412%
1857	1.582829	0.631780	2.9243%
1856	1.537858	0.650255	3.0161%
1855	1.492832	0.669868	3.1061%
1854	1.447860	0.690674	3.2056%
1853	1.402889	0.712815	3.3118%
1852	1.357918	0.736422	3.4252%
1851	1.312946	0.761646	4.0106%
1850	1.262320	0.792192	2.3254%
1849	1.233633	0.810614	2.7841%
1848	1.200218	0.833182	2.8590%
1847	1.166857	0.857003	2.9432%
1846	1.133497	0.882226	3.0324%
1845	1.100136	0.908978	3.1325%
1844	1.066721	0.937452	3.2284%
1843	1.033361	0.967716	3.3361%
1842	1.000000	1.000000	3.4512%
1841	0.966639	1.034512	3.8105%
1840	0.931158	1.073932	2.3861%
1839	0.909458	1.099556	2.5824%
1838	0.886563	1.127951	2.6573%
1837	0.863614	1.157925	2.7232%
1836	0.840720	1.189457	2.7994%
1835	0.817825	1.222755	2.8871%
1834	0.794876	1.258058	2.9657%
1833	0.771981	1.295368	3.0563%
1832	0.749087	1.334959	3.1604%
1831	0.726138	1.377149	3.4660%
1830	0.701813	1.424880	2.4653%
1829	0.684928	1.460008	2.6804%
1828	0.667048	1.499142	10.3427%
1827	0.604524	1.654193	-4.2314%
1826	0.631235	1.584197	2.9150%

1825	0.613355	1.630377	3.0026%
1824	0.595476	1.679330	3.0955%
1823	0.577596	1.731314	3.1944%
1822	0.559717	1.786619	3.3102%
1821	0.541783	1.845759	3.2277%
1820	0.524842	1.905335	2.6573%
1819	0.511256	1.955965	2.6261%
1818	0.498174	2.007331	2.6969%
1817	0.485091	2.061468	2.7717%
1816	0.472009	2.118605	2.8507%
1815	0.458926	2.179000	2.9343%
1814	0.445844	2.242939	3.0231%
1813	0.432761	2.310744	3.1039%
1812	0.419733	2.382468	3.2172%
1811	0.406650	2.459115	3.0969%
1810	0.394435	2.535272	2.9144%
1809	0.383265	2.609159	2.8225%
1808	0.372745	2.682802	2.9199%
1807	0.362170	2.761138	2.9918%
1806	0.351649	2.843745	3.0841%
1805	0.341128	2.931448	3.1822%
1804	0.330608	3.024732	3.2868%
1803	0.320087	3.124149	3.3985%
1802	0.309567	3.230322	3.5180%
1801	0.299046	3.343966	3.3999%
1800	0.289213	3.457660	2.8419%
1799	0.281221	3.555922	2.7485%
1798	0.273699	3.653655	2.8261%
1797	0.266176	3.756912	3.7832%
1796	0.256473	3.899044	2.1272%
1795	0.251131	3.981984	3.0879%
1794	0.243609	4.104945	3.1625%
1793	0.236141	4.234765	3.2904%
1792	0.228618	4.374106	3.4024%
1791	0.221096	4.522929	3.2296%
1790	0.214179	4.669000	41.3145%
1780	0.151562	6.597972	29.4353%
1770	0.117095	8.540105	83.4728%
1750	0.063821	15.668773	29.2845%
1740	0.049365	20.257288	94.2514%
1720	0.025413	39.350064	85.8111%
1700	0.013677	73.116780	19.2490%
1690	0.011469	87.191065	88.0250%
1670	0.006100	163.941019	

BASE YEAR: 1841

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	16.998272	0.058830	8.2857%
2001	15.697620	0.063704	1.0000%
2000	15.542197	0.064341	1.0000%
1999	15.388313	0.064984	1.0000%

1998	15.235954	0.065634	1.0000%
1997	15.085103	0.066291	1.0000%
1996	14.935745	0.066953	1.0000%
1995	14.787867	0.067623	0.9992%
1994	14.641565	0.068299	1.0008%
1993	14.496487	0.068982	1.0000%
1992	14.352958	0.069672	0.9295%
1991	14.220775	0.070320	1.2505%
1990	14.045138	0.071199	0.7224%
1989	13.944397	0.071713	1.1077%
1988	13.791631	0.072508	0.8834%
1987	13.670868	0.073148	0.5594%
1986	13.594823	0.073557	1.3056%
1985	13.419613	0.074518	0.7673%
1984	13.317431	0.075090	0.8149%
1983	13.209778	0.075701	0.9737%
1982	13.082389	0.076439	0.9508%
1981	12.959172	0.077165	0.9031%
1980	12.843190	0.077862	2.2701%
1979	12.558112	0.079630	1.0042%
1978	12.433260	0.080429	0.9896%
1977	12.311425	0.081225	0.9103%
1976	12.200361	0.081965	0.8394%
1975	12.098799	0.082653	0.9042%
1974	11.990385	0.083400	1.1568%
1973	11.853268	0.084365	0.9427%
1972	11.742570	0.085160	0.7426%
1971	11.656009	0.085793	1.4697%
1970	11.487177	0.087054	0.6968%
1969	11.407686	0.087660	0.8565%
1968	11.310805	0.088411	1.5090%
1967	11.142658	0.089745	0.9949%
1966	11.032891	0.090638	1.0575%
1965	10.917442	0.091597	1.1300%
1964	10.795452	0.092632	1.5537%
1963	10.630294	0.094071	1.4658%
1962	10.476724	0.095450	1.5364%
1961	10.318192	0.096916	2.1586%
1960	10.100166	0.099008	-1.6655%
1959	10.271232	0.097359	4.3080%
1958	9.847023	0.101554	2.1130%
1957	9.643264	0.103699	1.9895%
1956	9.455154	0.105762	2.1231%
1955	9.258586	0.108008	1.4496%
1954	9.126290	0.109574	2.1573%
1953	8.933570	0.111937	1.2298%
1952	8.825044	0.113314	1.6814%
1951	8.679115	0.115219	1.6233%
1950	8.540480	0.117089	1.4265%
1949	8.420360	0.118760	1.7790%
1948	8.273177	0.120873	1.8242%
1947	8.124965	0.123077	-2.6320%
1946	8.344598	0.119838	3.1768%

1945	8.087668	0.123645	6.4754%
1944	7.595808	0.131652	-0.3437%
1943	7.622003	0.131199	0.6562%
1942	7.572312	0.132060	0.6633%
1941	7.522416	0.132936	-5.6614%
1940	7.973850	0.125410	8.0381%
1939	7.380590	0.135491	0.8126%
1938	7.321096	0.136592	0.7762%
1937	7.264704	0.137652	0.6029%
1936	7.221170	0.138482	0.5244%
1935	7.183500	0.139208	-3.0364%
1934	7.408448	0.134981	4.6271%
1933	7.080810	0.141227	1.3921%
1932	6.983590	0.143193	-0.2051%
1931	6.997942	0.142899	0.8886%
1930	6.936306	0.144169	1.0126%
1929	6.866774	0.145629	1.1526%
1928	6.788530	0.147307	1.2160%
1927	6.706973	0.149099	1.4086%
1926	6.613812	0.151199	1.7667%
1925	6.498995	0.153870	1.4465%
1924	6.406327	0.156096	1.7700%
1923	6.294909	0.158859	1.6165%
1922	6.194770	0.161427	1.3736%
1921	6.110828	0.163644	2.3393%
1920	5.971145	0.167472	1.3140%
1919	5.893701	0.169673	0.7676%
1918	5.848803	0.170975	0.3870%
1917	5.826256	0.171637	1.3274%
1916	5.749930	0.173915	1.4083%
1915	5.670078	0.176364	1.4458%
1914	5.589269	0.178914	1.9424%
1913	5.482772	0.182389	1.9857%
1912	5.376022	0.186011	1.5634%
1911	5.293267	0.188919	1.8169%
1910	5.198809	0.192352	1.8781%
1909	5.102972	0.195964	2.0082%
1908	5.002509	0.199900	1.9603%
1907	4.906333	0.203818	1.8264%
1906	4.818333	0.207541	1.9357%
1905	4.726837	0.211558	2.0148%
1904	4.633480	0.215821	2.1335%
1903	4.536688	0.220425	1.8151%
1902	4.455809	0.224426	1.8943%
1901	4.372970	0.228678	3.0255%
1900	4.244551	0.235596	0.6278%
1899	4.218068	0.237075	1.7757%
1898	4.144476	0.241285	1.8078%
1897	4.070885	0.245647	1.8396%
1896	3.997350	0.250166	1.8755%
1895	3.923758	0.254858	1.9114%
1894	3.850166	0.259729	1.9486%
1893	3.776575	0.264790	1.9858%

1892	3.703040	0.270048	2.0276%
1891	3.629448	0.275524	2.6465%
1890	3.535871	0.282816	1.5328%
1889	3.482490	0.287151	2.0811%
1888	3.411493	0.293127	2.1599%
1887	3.339367	0.299458	2.2075%
1886	3.267242	0.306069	2.2592%
1885	3.195060	0.312983	2.3095%
1884	3.122935	0.320212	2.3641%
1883	3.050809	0.327782	2.4214%
1882	2.978684	0.335719	2.4815%
1881	2.906558	0.344050	3.7644%
1880	2.801113	0.357001	0.9432%
1879	2.774939	0.360368	2.1464%
1878	2.716630	0.368103	2.1913%
1877	2.658377	0.376169	2.2426%
1876	2.600068	0.384605	2.2941%
1875	2.541758	0.393428	2.3456%
1874	2.483505	0.402657	2.4043%
1873	2.425196	0.412338	2.4635%
1872	2.366887	0.422496	2.5258%
1871	2.308577	0.433167	5.9947%
1870	2.178012	0.459134	-1.0968%
1869	2.202165	0.454098	2.1930%
1868	2.154909	0.464057	2.2394%
1867	2.107709	0.474449	2.2935%
1866	2.060452	0.485330	2.3445%
1865	2.013252	0.496709	2.4037%
1864	1.965996	0.508648	2.4599%
1863	1.918795	0.521160	2.5250%
1862	1.871539	0.534320	2.5872%
1861	1.824339	0.548144	2.9504%
1860	1.772056	0.564316	2.4012%
1859	1.730502	0.577867	2.7627%
1858	1.683979	0.593832	2.8412%
1857	1.637456	0.610704	2.9243%
1856	1.590932	0.628562	3.0161%
1855	1.544352	0.647521	3.1061%
1854	1.497829	0.667633	3.2056%
1853	1.451305	0.689035	3.3118%
1852	1.404782	0.711854	3.4252%
1851	1.358259	0.736237	4.0106%
1850	1.305885	0.765764	2.3254%
1849	1.276208	0.783571	2.7841%
1848	1.241640	0.805387	2.8590%
1847	1.207128	0.828413	2.9432%
1846	1.172616	0.852794	3.0324%
1845	1.138104	0.878654	3.1325%
1844	1.103536	0.906178	3.2284%
1843	1.069024	0.935433	3.3361%
1842	1.034512	0.966639	3.4512%
1841	1.000000	1.000000	3.8105%
1840	0.963294	1.038105	2.3861%

1839	0.940845	1.062875	2.5824%
1838	0.917160	1.090322	2.6573%
1837	0.893419	1.119296	2.7232%
1836	0.869734	1.149776	2.7994%
1835	0.846050	1.181964	2.8871%
1834	0.822309	1.216088	2.9657%
1833	0.798624	1.252154	3.0563%
1832	0.774939	1.290424	3.1604%
1831	0.751198	1.331206	3.4660%
1830	0.726034	1.377346	2.4653%
1829	0.708566	1.411301	2.6804%
1828	0.690069	1.449130	10.3427%
1827	0.625388	1.599008	-4.2314%
1826	0.653020	1.531347	2.9150%
1825	0.634523	1.575986	3.0026%
1824	0.616027	1.623306	3.0955%
1823	0.597530	1.673556	3.1944%
1822	0.579033	1.727016	3.3102%
1821	0.560480	1.784184	3.2277%
1820	0.542955	1.841772	2.6573%
1819	0.528901	1.890713	2.6261%
1818	0.515367	1.940365	2.6969%
1817	0.501833	1.992696	2.7717%
1816	0.488299	2.047927	2.8507%
1815	0.474765	2.106307	2.9343%
1814	0.461230	2.168113	3.0231%
1813	0.447696	2.233657	3.1039%
1812	0.434219	2.302987	3.2172%
1811	0.420685	2.377078	3.0969%
1810	0.408048	2.450694	2.9144%
1809	0.396492	2.522116	2.8225%
1808	0.385609	2.593302	2.9199%
1807	0.374669	2.669025	2.9918%
1806	0.363785	2.748876	3.0841%
1805	0.352901	2.833653	3.1822%
1804	0.342018	2.923825	3.2868%
1803	0.331134	3.019925	3.3985%
1802	0.320250	3.122557	3.5180%
1801	0.309367	3.232410	3.3999%
1800	0.299194	3.342310	2.8419%
1799	0.290927	3.437294	2.7485%
1798	0.283144	3.531767	2.8261%
1797	0.275362	3.631579	3.7832%
1796	0.265325	3.768969	2.1272%
1795	0.259798	3.849143	3.0879%
1794	0.252016	3.968002	3.1625%
1793	0.244290	4.093490	3.2904%
1792	0.236508	4.228183	3.4024%
1791	0.228726	4.372041	3.2296%
1790	0.221570	4.513239	41.3145%
1780	0.156792	6.377859	29.4353%
1770	0.121136	8.255202	83.4728%
1750	0.066024	15.146054	29.2845%

1740	0.051069	19.581493	94.2514%
1720	0.026290	38.037323	85.8111%
1700	0.014149	70.677561	19.2490%
1690	0.011865	84.282319	88.0250%
1670	0.006310	158.471850	

BASE YEAR: 1840

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	17.645989	0.056670	8.2857%
2001	16.295776	0.061366	1.0000%
2000	16.134430	0.061979	1.0000%
1999	15.974683	0.062599	1.0000%
1998	15.816518	0.063225	1.0000%
1997	15.659919	0.063857	1.0000%
1996	15.504870	0.064496	1.0000%
1995	15.351357	0.065141	0.9992%
1994	15.199480	0.065792	1.0008%
1993	15.048874	0.066450	1.0000%
1992	14.899876	0.067115	0.9295%
1991	14.762656	0.067738	1.2505%
1990	14.580327	0.068586	0.7224%
1989	14.475747	0.069081	1.1077%
1988	14.317160	0.069846	0.8834%
1987	14.191795	0.070463	0.5594%
1986	14.112852	0.070857	1.3056%
1985	13.930966	0.071783	0.7673%
1984	13.824890	0.072333	0.8149%
1983	13.713135	0.072923	0.9737%
1982	13.580892	0.073633	0.9508%
1981	13.452980	0.074333	0.9031%
1980	13.332578	0.075004	2.2701%
1979	13.036637	0.076707	1.0042%
1978	12.907028	0.077477	0.9896%
1977	12.780550	0.078244	0.9103%
1976	12.665254	0.078956	0.8394%
1975	12.559822	0.079619	0.9042%
1974	12.447277	0.080339	1.1568%
1973	12.304935	0.081268	0.9427%
1972	12.190020	0.082034	0.7426%
1971	12.100159	0.082644	1.4697%
1970	11.924895	0.083858	0.6968%
1969	11.842375	0.084443	0.8565%
1968	11.741802	0.085166	1.5090%
1967	11.567247	0.086451	0.9949%
1966	11.453298	0.087311	1.0575%
1965	11.333450	0.088234	1.1300%
1964	11.206811	0.089231	1.5537%
1963	11.035360	0.090618	1.4658%
1962	10.875939	0.091946	1.5364%
1961	10.711366	0.093359	2.1586%
1960	10.485032	0.095374	-1.6655%

1959	10.662616	0.093786	4.3080%
1958	10.222242	0.097826	2.1130%
1957	10.010719	0.099893	1.9895%
1956	9.815442	0.101880	2.1231%
1955	9.611383	0.104043	1.4496%
1954	9.474046	0.105552	2.1573%
1953	9.273983	0.107829	1.2298%
1952	9.161321	0.109155	1.6814%
1951	9.009832	0.110990	1.6233%
1950	8.865914	0.112792	1.4265%
1949	8.741217	0.114401	1.7790%
1948	8.588426	0.116436	1.8242%
1947	8.434566	0.118560	-2.6320%
1946	8.662568	0.115439	3.1768%
1945	8.395848	0.119106	6.4754%
1944	7.885246	0.126819	-0.3437%
1943	7.912439	0.126383	0.6562%
1942	7.860854	0.127213	0.6633%
1941	7.809057	0.128056	-5.6614%
1940	8.277692	0.120807	8.0381%
1939	7.661826	0.130517	0.8126%
1938	7.600066	0.131578	0.7762%
1937	7.541525	0.132599	0.6029%
1936	7.496331	0.133399	0.5244%
1935	7.457226	0.134098	-3.0364%
1934	7.690746	0.130026	4.6271%
1933	7.350623	0.136043	1.3921%
1932	7.249699	0.137937	-0.2051%
1931	7.264597	0.137654	0.8886%
1930	7.200613	0.138877	1.0126%
1929	7.128431	0.140283	1.1526%
1928	7.047206	0.141900	1.2160%
1927	6.962541	0.143626	1.4086%
1926	6.865830	0.145649	1.7667%
1925	6.746639	0.148222	1.4465%
1924	6.650440	0.150366	1.7700%
1923	6.534776	0.153027	1.6165%
1922	6.430820	0.155501	1.3736%
1921	6.343681	0.157637	2.3393%
1920	6.198675	0.161325	1.3140%
1919	6.118280	0.163445	0.7676%
1918	6.071671	0.164699	0.3870%
1917	6.048265	0.165337	1.3274%
1916	5.969030	0.167531	1.4083%
1915	5.886136	0.169891	1.4458%
1914	5.802247	0.172347	1.9424%
1913	5.691693	0.175695	1.9857%
1912	5.580875	0.179183	1.5634%
1911	5.494966	0.181985	1.8169%
1910	5.396909	0.185291	1.8781%
1909	5.297420	0.188771	2.0082%
1908	5.193129	0.192562	1.9603%
1907	5.093288	0.196337	1.8264%

1906	5.001935	0.199923	1.9357%
1905	4.906953	0.203792	2.0148%
1904	4.810038	0.207899	2.1335%
1903	4.709558	0.212334	1.8151%
1902	4.625597	0.216188	1.8943%
1901	4.539601	0.220284	3.0255%
1900	4.406289	0.226948	0.6278%
1899	4.378797	0.228373	1.7757%
1898	4.302401	0.232428	1.8078%
1897	4.226005	0.236630	1.8396%
1896	4.149668	0.240983	1.8755%
1895	4.073272	0.245503	1.9114%
1894	3.996876	0.250195	1.9486%
1893	3.920481	0.255071	1.9858%
1892	3.844143	0.260136	2.0276%
1891	3.767748	0.265411	2.6465%
1890	3.670604	0.272435	1.5328%
1889	3.615190	0.276611	2.0811%
1888	3.541487	0.282367	2.1599%
1887	3.466613	0.288466	2.2075%
1886	3.391740	0.294834	2.2592%
1885	3.316807	0.301495	2.3095%
1884	3.241934	0.308458	2.3641%
1883	3.167060	0.315750	2.4214%
1882	3.092186	0.323396	2.4815%
1881	3.017312	0.331421	3.7644%
1880	2.907850	0.343897	0.9432%
1879	2.880678	0.347140	2.1464%
1878	2.820147	0.354591	2.1913%
1877	2.759674	0.362362	2.2426%
1876	2.699143	0.370488	2.2941%
1875	2.638612	0.378987	2.3456%
1874	2.578139	0.387877	2.4043%
1873	2.517608	0.397202	2.4635%
1872	2.457077	0.406988	2.5258%
1871	2.396545	0.417267	5.9947%
1870	2.261005	0.442281	-1.0968%
1869	2.286079	0.437430	2.1930%
1868	2.237021	0.447023	2.2394%
1867	2.188023	0.457034	2.2935%
1866	2.138966	0.467516	2.3445%
1865	2.089967	0.478476	2.4037%
1864	2.040910	0.489978	2.4599%
1863	1.991911	0.502030	2.5250%
1862	1.942854	0.514707	2.5872%
1861	1.893855	0.528024	2.9504%
1860	1.839580	0.543602	2.4012%
1859	1.796443	0.556656	2.7627%
1858	1.748147	0.572034	2.8412%
1857	1.699851	0.588287	2.9243%
1856	1.651554	0.605490	3.0161%
1855	1.603200	0.623753	3.1061%
1854	1.554904	0.643127	3.2056%

1853	1.506607	0.663743	3.3118%
1852	1.458311	0.685725	3.4252%
1851	1.410015	0.709212	4.0106%
1850	1.355645	0.737656	2.3254%
1849	1.324838	0.754809	2.7841%
1848	1.288952	0.775824	2.8590%
1847	1.253125	0.798005	2.9432%
1846	1.217298	0.821491	3.0324%
1845	1.181471	0.846402	3.1325%
1844	1.145586	0.872916	3.2284%
1843	1.109759	0.901097	3.3361%
1842	1.073932	0.931158	3.4512%
1841	1.038105	0.963294	3.8105%
1840	1.000000	1.000000	2.3861%
1839	0.976696	1.023861	2.5824%
1838	0.952108	1.050301	2.6573%
1837	0.927463	1.078211	2.7232%
1836	0.902876	1.107572	2.7994%
1835	0.878288	1.138578	2.8871%
1834	0.853643	1.171450	2.9657%
1833	0.829056	1.206192	3.0563%
1832	0.804468	1.243057	3.1604%
1831	0.779823	1.282343	3.4660%
1830	0.753700	1.326788	2.4653%
1829	0.735566	1.359498	2.6804%
1828	0.716364	1.395938	10.3427%
1827	0.649218	1.540315	-4.2314%
1826	0.677903	1.475137	2.9150%
1825	0.658702	1.518138	3.0026%
1824	0.639500	1.563721	3.0955%
1823	0.620299	1.612126	3.1944%
1822	0.601097	1.663624	3.3102%
1821	0.581838	1.718693	3.2277%
1820	0.563645	1.774168	2.6573%
1819	0.549055	1.821312	2.6261%
1818	0.535005	1.869142	2.6969%
1817	0.520955	1.919552	2.7717%
1816	0.506905	1.972755	2.8507%
1815	0.492855	2.028993	2.9343%
1814	0.478806	2.088530	3.0231%
1813	0.464756	2.151668	3.1039%
1812	0.450765	2.218453	3.2172%
1811	0.436715	2.289824	3.0969%
1810	0.423596	2.360738	2.9144%
1809	0.411601	2.429539	2.8225%
1808	0.400302	2.498112	2.9199%
1807	0.388945	2.571055	2.9918%
1806	0.377647	2.647975	3.0841%
1805	0.366349	2.729640	3.1822%
1804	0.355050	2.816503	3.2868%
1803	0.343752	2.909075	3.3985%
1802	0.332453	3.007940	3.5180%
1801	0.321155	3.113760	3.3999%

1800	0.310595	3.219627	2.8419%
1799	0.302012	3.311124	2.7485%
1798	0.293934	3.402129	2.8261%
1797	0.285855	3.498277	3.7832%
1796	0.275435	3.630625	2.1272%
1795	0.269698	3.707855	3.0879%
1794	0.261619	3.822352	3.1625%
1793	0.253599	3.943234	3.2904%
1792	0.245520	4.072983	3.4024%
1791	0.237442	4.211560	3.2296%
1790	0.230013	4.347575	41.3145%
1780	0.162767	6.143752	29.4353%
1770	0.125752	7.952185	83.4728%
1750	0.068540	14.590100	29.2845%
1740	0.053015	18.862731	94.2514%
1720	0.027292	36.641118	85.8111%
1700	0.014688	68.083256	19.2490%
1690	0.012317	81.188636	88.0250%
1670	0.006551	152.654951	

BASE YEAR: 1839

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	18.067031	0.055349	8.2857%
2001	16.684602	0.059936	1.0000%
2000	16.519406	0.060535	1.0000%
1999	16.355848	0.061140	1.0000%
1998	16.193909	0.061752	1.0000%
1997	16.033573	0.062369	1.0000%
1996	15.874825	0.062993	1.0000%
1995	15.717648	0.063623	0.9992%
1994	15.562148	0.064258	1.0008%
1993	15.407948	0.064902	1.0000%
1992	15.255394	0.065551	0.9295%
1991	15.114901	0.066160	1.2505%
1990	14.928221	0.066987	0.7224%
1989	14.821146	0.067471	1.1077%
1988	14.658775	0.068219	0.8834%
1987	14.530418	0.068821	0.5594%
1986	14.449592	0.069206	1.3056%
1985	14.263366	0.070110	0.7673%
1984	14.154759	0.070648	0.8149%
1983	14.040338	0.071223	0.9737%
1982	13.904939	0.071917	0.9508%
1981	13.773975	0.072601	0.9031%
1980	13.650700	0.073256	2.2701%
1979	13.347698	0.074919	1.0042%
1978	13.214996	0.075672	0.9896%
1977	13.085501	0.076420	0.9103%
1976	12.967454	0.077116	0.8394%
1975	12.859506	0.077763	0.9042%
1974	12.744276	0.078467	1.1568%

1973	12.598538	0.079374	0.9427%
1972	12.480880	0.080123	0.7426%
1971	12.388876	0.080718	1.4697%
1970	12.209429	0.081904	0.6968%
1969	12.124940	0.082475	0.8565%
1968	12.021967	0.083181	1.5090%
1967	11.843248	0.084436	0.9949%
1966	11.726579	0.085276	1.0575%
1965	11.603872	0.086178	1.1300%
1964	11.474212	0.087152	1.5537%
1963	11.298669	0.088506	1.4658%
1962	11.135444	0.089803	1.5364%
1961	10.966944	0.091183	2.1586%
1960	10.735210	0.093151	-1.6655%
1959	10.917031	0.091600	4.3080%
1958	10.466150	0.095546	2.1130%
1957	10.249580	0.097565	1.9895%
1956	10.049643	0.099506	2.1231%
1955	9.840716	0.101619	1.4496%
1954	9.700102	0.103092	2.1573%
1953	9.495265	0.105316	1.2298%
1952	9.379915	0.106611	1.6814%
1951	9.224811	0.108403	1.6233%
1950	9.077459	0.110163	1.4265%
1949	8.949787	0.111734	1.7790%
1948	8.793350	0.113722	1.8242%
1947	8.635819	0.115797	-2.6320%
1946	8.869261	0.112749	3.1768%
1945	8.596177	0.116331	6.4754%
1944	8.073392	0.123864	-0.3437%
1943	8.101234	0.123438	0.6562%
1942	8.048418	0.124248	0.6633%
1941	7.995385	0.125072	-5.6614%
1940	8.475202	0.117991	8.0381%
1939	7.844642	0.127476	0.8126%
1938	7.781407	0.128511	0.7762%
1937	7.721470	0.129509	0.6029%
1936	7.675198	0.130290	0.5244%
1935	7.635159	0.130973	-3.0364%
1934	7.874251	0.126996	4.6271%
1933	7.526013	0.132872	1.3921%
1932	7.422680	0.134722	-0.2051%
1931	7.437935	0.134446	0.8886%
1930	7.372423	0.135641	1.0126%
1929	7.298520	0.137014	1.1526%
1928	7.215356	0.138593	1.2160%
1927	7.128671	0.140279	1.4086%
1926	7.029653	0.142255	1.7667%
1925	6.907617	0.144768	1.4465%
1924	6.809123	0.146862	1.7700%
1923	6.690699	0.149461	1.6165%
1922	6.584263	0.151877	1.3736%
1921	6.495044	0.153964	2.3393%

1920	6.346578	0.157565	1.3140%
1919	6.264265	0.159636	0.7676%
1918	6.216544	0.160861	0.3870%
1917	6.192580	0.161484	1.3274%
1916	6.111454	0.163627	1.4083%
1915	6.026582	0.165932	1.4458%
1914	5.940692	0.168331	1.9424%
1913	5.827499	0.171600	1.9857%
1912	5.714037	0.175008	1.5634%
1911	5.626079	0.177744	1.8169%
1910	5.525682	0.180973	1.8781%
1909	5.423819	0.184372	2.0082%
1908	5.317040	0.188075	1.9603%
1907	5.214817	0.191761	1.8264%
1906	5.121284	0.195264	1.9357%
1905	5.024035	0.199043	2.0148%
1904	4.924808	0.203054	2.1335%
1903	4.821931	0.207386	1.8151%
1902	4.735966	0.211150	1.8943%
1901	4.647918	0.215150	3.0255%
1900	4.511425	0.221659	0.6278%
1899	4.483277	0.223051	1.7757%
1898	4.405059	0.227012	1.8078%
1897	4.326840	0.231116	1.8396%
1896	4.248681	0.235367	1.8755%
1895	4.170463	0.239782	1.9114%
1894	4.092244	0.244365	1.9486%
1893	4.014025	0.249126	1.9858%
1892	3.935867	0.254074	2.0276%
1891	3.857648	0.259225	2.6465%
1890	3.758187	0.266086	1.5328%
1889	3.701450	0.270164	2.0811%
1888	3.625989	0.275787	2.1599%
1887	3.549329	0.281743	2.2075%
1886	3.472668	0.287963	2.2592%
1885	3.395948	0.294469	2.3095%
1884	3.319288	0.301269	2.3641%
1883	3.242628	0.308392	2.4214%
1882	3.165967	0.315859	2.4815%
1881	3.089307	0.323697	3.7644%
1880	2.977232	0.335882	0.9432%
1879	2.949413	0.339051	2.1464%
1878	2.887437	0.346328	2.1913%
1877	2.825521	0.353917	2.2426%
1876	2.763546	0.361854	2.2941%
1875	2.701570	0.370155	2.3456%
1874	2.639655	0.378837	2.4043%
1873	2.577679	0.387946	2.4635%
1872	2.515704	0.397503	2.5258%
1871	2.453728	0.407543	5.9947%
1870	2.314954	0.431974	-1.0968%
1869	2.340626	0.427236	2.1930%
1868	2.290398	0.436605	2.2394%

1867	2.240230	0.446383	2.2935%
1866	2.190002	0.456621	2.3445%
1865	2.139835	0.467326	2.4037%
1864	2.089607	0.478559	2.4599%
1863	2.039439	0.490331	2.5250%
1862	1.989211	0.502712	2.5872%
1861	1.939043	0.515718	2.9504%
1860	1.883473	0.530934	2.4012%
1859	1.839307	0.543683	2.7627%
1858	1.789859	0.558703	2.8412%
1857	1.740410	0.574577	2.9243%
1856	1.690961	0.591380	3.0161%
1855	1.641453	0.609216	3.1061%
1854	1.592004	0.628139	3.2056%
1853	1.542556	0.648275	3.3118%
1852	1.493107	0.669744	3.4252%
1851	1.443659	0.692685	4.0106%
1850	1.387992	0.720465	2.3254%
1849	1.356449	0.737219	2.7841%
1848	1.319708	0.757744	2.8590%
1847	1.283026	0.779408	2.9432%
1846	1.246344	0.802347	3.0324%
1845	1.209662	0.826677	3.1325%
1844	1.172920	0.852573	3.2284%
1843	1.136238	0.880097	3.3361%
1842	1.099556	0.909458	3.4512%
1841	1.062875	0.940845	3.8105%
1840	1.023861	0.976696	2.3861%
1839	1.000000	1.000000	2.5824%
1838	0.974826	1.025824	2.6573%
1837	0.949592	1.053083	2.7232%
1836	0.924419	1.081761	2.7994%
1835	0.899245	1.112044	2.8871%
1834	0.874011	1.144150	2.9657%
1833	0.848837	1.178082	3.0563%
1832	0.823663	1.214088	3.1604%
1831	0.798430	1.252459	3.4660%
1830	0.771683	1.295868	2.4653%
1829	0.753117	1.327815	2.6804%
1828	0.733457	1.363406	10.3427%
1827	0.664709	1.504418	-4.2314%
1826	0.694078	1.440760	2.9150%
1825	0.674419	1.482759	3.0026%
1824	0.654759	1.527279	3.0955%
1823	0.635099	1.574556	3.1944%
1822	0.615440	1.624854	3.3102%
1821	0.595720	1.678640	3.2277%
1820	0.577093	1.732822	2.6573%
1819	0.562155	1.778868	2.6261%
1818	0.547770	1.825583	2.6969%
1817	0.533385	1.874817	2.7717%
1816	0.519000	1.926781	2.8507%
1815	0.504615	1.981708	2.9343%

1814	0.490230	2.039858	3.0231%
1813	0.475845	2.101524	3.1039%
1812	0.461520	2.166753	3.2172%
1811	0.447135	2.236461	3.0969%
1810	0.433704	2.305722	2.9144%
1809	0.421422	2.372920	2.8225%
1808	0.409854	2.439895	2.9199%
1807	0.398226	2.511138	2.9918%
1806	0.386658	2.586266	3.0841%
1805	0.375090	2.666027	3.1822%
1804	0.363522	2.750866	3.2868%
1803	0.351954	2.841281	3.3985%
1802	0.340386	2.937841	3.5180%
1801	0.328818	3.041196	3.3999%
1800	0.318006	3.144595	2.8419%
1799	0.309218	3.233960	2.7485%
1798	0.300947	3.322844	2.8261%
1797	0.292676	3.416752	3.7832%
1796	0.282007	3.546015	2.1272%
1795	0.276133	3.621446	3.0879%
1794	0.267861	3.733274	3.1625%
1793	0.259650	3.851339	3.2904%
1792	0.251379	3.978064	3.4024%
1791	0.243107	4.113412	3.2296%
1790	0.235501	4.246257	41.3145%
1780	0.166651	6.000575	29.4353%
1770	0.128752	7.766864	83.4728%
1750	0.070175	14.250085	29.2845%
1740	0.054280	18.423145	94.2514%
1720	0.027943	35.787216	85.8111%
1700	0.015038	66.496612	19.2490%
1690	0.012611	79.296578	88.0250%
1670	0.006707	149.097408	

BASE YEAR: 1838

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	18.533593	0.053956	8.2857%
2001	17.115464	0.058427	1.0000%
2000	16.946002	0.059011	1.0000%
1999	16.778220	0.059601	1.0000%
1998	16.612098	0.060197	1.0000%
1997	16.447622	0.060799	1.0000%
1996	16.284775	0.061407	1.0000%
1995	16.123539	0.062021	0.9992%
1994	15.964023	0.062641	1.0008%
1993	15.805842	0.063268	1.0000%
1992	15.649348	0.063900	0.9295%
1991	15.505226	0.064494	1.2505%
1990	15.313726	0.065301	0.7224%
1989	15.203886	0.065773	1.1077%
1988	15.037322	0.066501	0.8834%

1987	14.905651	0.067089	0.5594%
1986	14.822737	0.067464	1.3056%
1985	14.631702	0.068345	0.7673%
1984	14.520290	0.068869	0.8149%
1983	14.402914	0.069430	0.9737%
1982	14.264019	0.070106	0.9508%
1981	14.129673	0.070773	0.9031%
1980	14.003215	0.071412	2.2701%
1979	13.692388	0.073033	1.0042%
1978	13.556259	0.073767	0.9896%
1977	13.423420	0.074497	0.9103%
1976	13.302324	0.075175	0.8394%
1975	13.191589	0.075806	0.9042%
1974	13.073383	0.076491	1.1568%
1973	12.923881	0.077376	0.9427%
1972	12.803185	0.078106	0.7426%
1971	12.708805	0.078686	1.4697%
1970	12.524724	0.079842	0.6968%
1969	12.438053	0.080398	0.8565%
1968	12.332421	0.081087	1.5090%
1967	12.149087	0.082311	0.9949%
1966	12.029405	0.083130	1.0575%
1965	11.903529	0.084009	1.1300%
1964	11.770521	0.084958	1.5537%
1963	11.590445	0.086278	1.4658%
1962	11.423005	0.087543	1.5364%
1961	11.250154	0.088888	2.1586%
1960	11.012435	0.090806	-1.6655%
1959	11.198952	0.089294	4.3080%
1958	10.736427	0.093141	2.1130%
1957	10.514265	0.095109	1.9895%
1956	10.309164	0.097001	2.1231%
1955	10.094841	0.099060	1.4496%
1954	9.950596	0.100496	2.1573%
1953	9.740470	0.102664	1.2298%
1952	9.622141	0.103927	1.6814%
1951	9.463032	0.105674	1.6233%
1950	9.311875	0.107390	1.4265%
1949	9.180906	0.108922	1.7790%
1948	9.020429	0.110859	1.8242%
1947	8.858829	0.112882	-2.6320%
1946	9.098300	0.109911	3.1768%
1945	8.818164	0.113402	6.4754%
1944	8.281878	0.120746	-0.3437%
1943	8.310439	0.120331	0.6562%
1942	8.256260	0.121120	0.6633%
1941	8.201857	0.121924	-5.6614%
1940	8.694065	0.115021	8.0381%
1939	8.047221	0.124267	0.8126%
1938	7.982354	0.125276	0.7762%
1937	7.920868	0.126249	0.6029%
1936	7.873401	0.127010	0.5244%
1935	7.832329	0.127676	-3.0364%

1934	8.077595	0.123799	4.6271%
1933	7.720364	0.129528	1.3921%
1932	7.614363	0.131331	-0.2051%
1931	7.630011	0.131061	0.8886%
1930	7.562808	0.132226	1.0126%
1929	7.486996	0.133565	1.1526%
1928	7.401685	0.135104	1.2160%
1927	7.312761	0.136747	1.4086%
1926	7.211186	0.138673	1.7667%
1925	7.085999	0.141123	1.4465%
1924	6.984961	0.143165	1.7700%
1923	6.863479	0.145699	1.6165%
1922	6.754295	0.148054	1.3736%
1921	6.662772	0.150088	2.3393%
1920	6.510472	0.153599	1.3140%
1919	6.426033	0.155617	0.7676%
1918	6.377080	0.156812	0.3870%
1917	6.352496	0.157418	1.3274%
1916	6.269276	0.159508	1.4083%
1915	6.182212	0.161754	1.4458%
1914	6.094104	0.164093	1.9424%
1913	5.977988	0.167280	1.9857%
1912	5.861596	0.170602	1.5634%
1911	5.771366	0.173269	1.8169%
1910	5.668377	0.176417	1.8781%
1909	5.563883	0.179731	2.0082%
1908	5.454347	0.183340	1.9603%
1907	5.349484	0.186934	1.8264%
1906	5.253535	0.190348	1.9357%
1905	5.153775	0.194033	2.0148%
1904	5.051986	0.197942	2.1335%
1903	4.946452	0.202165	1.8151%
1902	4.858267	0.205835	1.8943%
1901	4.767946	0.209734	3.0255%
1900	4.627928	0.216079	0.6278%
1899	4.599053	0.217436	1.7757%
1898	4.518815	0.221297	1.8078%
1897	4.438576	0.225297	1.8396%
1896	4.358399	0.229442	1.8755%
1895	4.278160	0.233745	1.9114%
1894	4.197922	0.238213	1.9486%
1893	4.117683	0.242855	1.9858%
1892	4.037506	0.247678	2.0276%
1891	3.957268	0.252700	2.6465%
1890	3.855238	0.259387	1.5328%
1889	3.797036	0.263363	2.0811%
1888	3.719626	0.268844	2.1599%
1887	3.640986	0.274651	2.2075%
1886	3.562346	0.280714	2.2592%
1885	3.483645	0.287056	2.3095%
1884	3.405005	0.293685	2.3641%
1883	3.326365	0.300628	2.4214%
1882	3.247725	0.307908	2.4815%

1881	3.169085	0.315548	3.7644%
1880	3.054116	0.327427	0.9432%
1879	3.025578	0.330515	2.1464%
1878	2.962002	0.337609	2.1913%
1877	2.898487	0.345008	2.2426%
1876	2.834911	0.352745	2.2941%
1875	2.771335	0.360837	2.3456%
1874	2.707821	0.369301	2.4043%
1873	2.644245	0.378180	2.4635%
1872	2.580669	0.387496	2.5258%
1871	2.517093	0.397284	5.9947%
1870	2.374735	0.421100	-1.0968%
1869	2.401070	0.416481	2.1930%
1868	2.349545	0.425614	2.2394%
1867	2.298082	0.435146	2.2935%
1866	2.246557	0.445126	2.3445%
1865	2.195093	0.455561	2.4037%
1864	2.143569	0.466512	2.4599%
1863	2.092105	0.477987	2.5250%
1862	2.040580	0.490057	2.5872%
1861	1.989117	0.502736	2.9504%
1860	1.932112	0.517568	2.4012%
1859	1.886805	0.529996	2.7627%
1858	1.836080	0.544639	2.8412%
1857	1.785354	0.560113	2.9243%
1856	1.734629	0.576492	3.0161%
1855	1.683842	0.593880	3.1061%
1854	1.633116	0.612326	3.2056%
1853	1.582391	0.631955	3.3118%
1852	1.531665	0.652884	3.4252%
1851	1.480939	0.675247	4.0106%
1850	1.423835	0.702329	2.3254%
1849	1.391478	0.718660	2.7841%
1848	1.353788	0.738668	2.8590%
1847	1.316158	0.759787	2.9432%
1846	1.278529	0.782149	3.0324%
1845	1.240900	0.805867	3.1325%
1844	1.203210	0.831110	3.2284%
1843	1.165580	0.857942	3.3361%
1842	1.127951	0.886563	3.4512%
1841	1.090322	0.917160	3.8105%
1840	1.050301	0.952108	2.3861%
1839	1.025824	0.974826	2.5824%
1838	1.000000	1.000000	2.6573%
1837	0.974115	1.026573	2.7232%
1836	0.948291	1.054529	2.7994%
1835	0.922467	1.084050	2.8871%
1834	0.896581	1.115348	2.9657%
1833	0.870758	1.148425	3.0563%
1832	0.844934	1.183525	3.1604%
1831	0.819048	1.220929	3.4660%
1830	0.791611	1.263246	2.4653%
1829	0.772565	1.294389	2.6804%

1828	0.752398	1.329084	10.3427%
1827	0.681874	1.466546	-4.2314%
1826	0.712002	1.404491	2.9150%
1825	0.691835	1.445432	3.0026%
1824	0.671667	1.488832	3.0955%
1823	0.651500	1.534919	3.1944%
1822	0.631333	1.583950	3.3102%
1821	0.611104	1.636382	3.2277%
1820	0.591996	1.689200	2.6573%
1819	0.576672	1.734087	2.6261%
1818	0.561916	1.779626	2.6969%
1817	0.547159	1.827621	2.7717%
1816	0.532403	1.878277	2.8507%
1815	0.517646	1.931821	2.9343%
1814	0.502890	1.988507	3.0231%
1813	0.488133	2.048621	3.1039%
1812	0.473438	2.112208	3.2172%
1811	0.458682	2.180161	3.0969%
1810	0.444903	2.247679	2.9144%
1809	0.432304	2.313184	2.8225%
1808	0.420438	2.378473	2.9199%
1807	0.408510	2.447923	2.9918%
1806	0.396643	2.521160	3.0841%
1805	0.384776	2.598913	3.1822%
1804	0.372909	2.681616	3.2868%
1803	0.361043	2.769755	3.3985%
1802	0.349176	2.863884	3.5180%
1801	0.337309	2.964637	3.3999%
1800	0.326218	3.065433	2.8419%
1799	0.317204	3.152549	2.7485%
1798	0.308719	3.239195	2.8261%
1797	0.300234	3.330739	3.7832%
1796	0.289289	3.456748	2.1272%
1795	0.283264	3.530280	3.0879%
1794	0.274779	3.639293	3.1625%
1793	0.266355	3.754386	3.2904%
1792	0.257870	3.877921	3.4024%
1791	0.249385	4.009862	3.2296%
1790	0.241583	4.139363	41.3145%
1780	0.170954	5.849518	29.4353%
1770	0.132077	7.571342	83.4728%
1750	0.071987	13.891356	29.2845%
1740	0.055681	17.959364	94.2514%
1720	0.028665	34.886315	85.8111%
1700	0.015427	64.822639	19.2490%
1690	0.012937	77.300380	88.0250%
1670	0.006880	145.344057	

BASE YEAR: 1837

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 19.026090 0.052559 8.2857%

2001	17.570277	0.056914	1.0000%
2000	17.396312	0.057483	1.0000%
1999	17.224071	0.058058	1.0000%
1998	17.053536	0.058639	1.0000%
1997	16.884689	0.059225	1.0000%
1996	16.717514	0.059818	1.0000%
1995	16.551994	0.060416	0.9992%
1994	16.388239	0.061019	1.0008%
1993	16.225854	0.061630	1.0000%
1992	16.065202	0.062246	0.9295%
1991	15.917251	0.062825	1.2505%
1990	15.720661	0.063611	0.7224%
1989	15.607903	0.064070	1.1077%
1988	15.436912	0.064780	0.8834%
1987	15.301742	0.065352	0.5594%
1986	15.216626	0.065718	1.3056%
1985	15.020514	0.066576	0.7673%
1984	14.906142	0.067086	0.8149%
1983	14.785647	0.067633	0.9737%
1982	14.643060	0.068292	0.9508%
1981	14.505144	0.068941	0.9031%
1980	14.375326	0.069564	2.2701%
1979	14.056239	0.071143	1.0042%
1978	13.916493	0.071857	0.9896%
1977	13.780124	0.072568	0.9103%
1976	13.655810	0.073229	0.8394%
1975	13.542132	0.073844	0.9042%
1974	13.420785	0.074511	1.1568%
1973	13.267310	0.075373	0.9427%
1972	13.143407	0.076084	0.7426%
1971	13.046519	0.076649	1.4697%
1970	12.857547	0.077775	0.6968%
1969	12.768573	0.078317	0.8565%
1968	12.660134	0.078988	1.5090%
1967	12.471928	0.080180	0.9949%
1966	12.349066	0.080978	1.0575%
1965	12.219845	0.081834	1.1300%
1964	12.083302	0.082759	1.5537%
1963	11.898441	0.084045	1.4658%
1962	11.726551	0.085277	1.5364%
1961	11.549107	0.086587	2.1586%
1960	11.305071	0.088456	-1.6655%
1959	11.496544	0.086983	4.3080%
1958	11.021729	0.090730	2.1130%
1957	10.793663	0.092647	1.9895%
1956	10.583112	0.094490	2.1231%
1955	10.363094	0.096496	1.4496%
1954	10.215016	0.097895	2.1573%
1953	9.999306	0.100007	1.2298%
1952	9.877832	0.101237	1.6814%
1951	9.714495	0.102939	1.6233%
1950	9.559321	0.104610	1.4265%
1949	9.424872	0.106102	1.7790%

1948	9.260131	0.107990	1.8242%
1947	9.094237	0.109960	-2.6320%
1946	9.340071	0.107066	3.1768%
1945	9.052492	0.110467	6.4754%
1944	8.501955	0.117620	-0.3437%
1943	8.531275	0.117216	0.6562%
1942	8.475655	0.117985	0.6633%
1941	8.419807	0.118768	-5.6614%
1940	8.925095	0.112044	8.0381%
1939	8.261062	0.121050	0.8126%
1938	8.194471	0.122034	0.7762%
1937	8.131351	0.122981	0.6029%
1936	8.082623	0.123722	0.5244%
1935	8.040460	0.124371	-3.0364%
1934	8.292243	0.120595	4.6271%
1933	7.925519	0.126175	1.3921%
1932	7.816701	0.127931	-0.2051%
1931	7.832765	0.127669	0.8886%
1930	7.763776	0.128803	1.0126%
1929	7.685950	0.130108	1.1526%
1928	7.598372	0.131607	1.2160%
1927	7.507085	0.133207	1.4086%
1926	7.402811	0.135084	1.7667%
1925	7.274297	0.137470	1.4465%
1924	7.170574	0.139459	1.7700%
1923	7.045864	0.141927	1.6165%
1922	6.933778	0.144222	1.3736%
1921	6.839823	0.146203	2.3393%
1920	6.683476	0.149623	1.3140%
1919	6.596794	0.151589	0.7676%
1918	6.546539	0.152752	0.3870%
1917	6.521303	0.153344	1.3274%
1916	6.435871	0.155379	1.4083%
1915	6.346494	0.157567	1.4458%
1914	6.256044	0.159845	1.9424%
1913	6.136843	0.162950	1.9857%
1912	6.017358	0.166186	1.5634%
1911	5.924730	0.168784	1.8169%
1910	5.819004	0.171851	1.8781%
1909	5.711734	0.175078	2.0082%
1908	5.599287	0.178594	1.9603%
1907	5.491637	0.182095	1.8264%
1906	5.393139	0.185421	1.9357%
1905	5.290728	0.189010	2.0148%
1904	5.186234	0.192818	2.1335%
1903	5.077895	0.196932	1.8151%
1902	4.987367	0.200507	1.8943%
1901	4.894646	0.204305	3.0255%
1900	4.750907	0.210486	0.6278%
1899	4.721265	0.211808	1.7757%
1898	4.638894	0.215569	1.8078%
1897	4.556523	0.219466	1.8396%
1896	4.474216	0.223503	1.8755%

1895	4.391845	0.227695	1.9114%
1894	4.309474	0.232047	1.9486%
1893	4.227103	0.236569	1.9858%
1892	4.144796	0.241266	2.0276%
1891	4.062425	0.246158	2.6465%
1890	3.957684	0.252673	1.5328%
1889	3.897936	0.256546	2.0811%
1888	3.818469	0.261885	2.1599%
1887	3.737739	0.267541	2.2075%
1886	3.657009	0.273447	2.2592%
1885	3.576217	0.279625	2.3095%
1884	3.495487	0.286083	2.3641%
1883	3.414757	0.292847	2.4214%
1882	3.334028	0.299938	2.4815%
1881	3.253298	0.307380	3.7644%
1880	3.135274	0.318951	0.9432%
1879	3.105977	0.321960	2.1464%
1878	3.040712	0.328870	2.1913%
1877	2.975510	0.336077	2.2426%
1876	2.910244	0.343614	2.2941%
1875	2.844979	0.351496	2.3456%
1874	2.779777	0.359741	2.4043%
1873	2.714511	0.368390	2.4635%
1872	2.649246	0.377466	2.5258%
1871	2.583980	0.387000	5.9947%
1870	2.437840	0.410199	-1.0968%
1869	2.464874	0.405700	2.1930%
1868	2.411980	0.414597	2.2394%
1867	2.359149	0.423882	2.2935%
1866	2.306255	0.433603	2.3445%
1865	2.253424	0.443769	2.4037%
1864	2.200530	0.454436	2.4599%
1863	2.147699	0.465615	2.5250%
1862	2.094805	0.477371	2.5872%
1861	2.041974	0.489722	2.9504%
1860	1.983454	0.504171	2.4012%
1859	1.936944	0.516277	2.7627%
1858	1.884870	0.530540	2.8412%
1857	1.832797	0.545614	2.9243%
1856	1.780723	0.561570	3.0161%
1855	1.728587	0.578507	3.1061%
1854	1.676513	0.596476	3.2056%
1853	1.624440	0.615597	3.3118%
1852	1.572366	0.635984	3.4252%
1851	1.520293	0.657768	4.0106%
1850	1.461671	0.684148	2.3254%
1849	1.428454	0.700057	2.7841%
1848	1.389762	0.719548	2.8590%
1847	1.351133	0.740120	2.9432%
1846	1.312504	0.761902	3.0324%
1845	1.273875	0.785006	3.1325%
1844	1.235183	0.809597	3.2284%
1843	1.196554	0.835734	3.3361%

1842	1.157925	0.863614	3.4512%
1841	1.119296	0.893419	3.8105%
1840	1.078211	0.927463	2.3861%
1839	1.053083	0.949592	2.5824%
1838	1.026573	0.974115	2.6573%
1837	1.000000	1.000000	2.7232%
1836	0.973490	1.027232	2.7994%
1835	0.946980	1.055989	2.8871%
1834	0.920406	1.086476	2.9657%
1833	0.893896	1.118698	3.0563%
1832	0.867386	1.152889	3.1604%
1831	0.840813	1.189325	3.4660%
1830	0.812647	1.230547	2.4653%
1829	0.793095	1.260883	2.6804%
1828	0.772392	1.294680	10.3427%
1827	0.699994	1.428584	-4.2314%
1826	0.730922	1.368135	2.9150%
1825	0.710219	1.408016	3.0026%
1824	0.689516	1.450293	3.0955%
1823	0.668813	1.495187	3.1944%
1822	0.648110	1.542949	3.3102%
1821	0.627343	1.594024	3.2277%
1820	0.607727	1.645474	2.6573%
1819	0.591996	1.689199	2.6261%
1818	0.576848	1.733559	2.6969%
1817	0.561699	1.780312	2.7717%
1816	0.546551	1.829657	2.8507%
1815	0.531402	1.881815	2.9343%
1814	0.516253	1.937034	3.0231%
1813	0.501105	1.995591	3.1039%
1812	0.486019	2.057532	3.2172%
1811	0.470870	2.123727	3.0969%
1810	0.456726	2.189497	2.9144%
1809	0.443792	2.253307	2.8225%
1808	0.431610	2.316906	2.9199%
1807	0.419365	2.384557	2.9918%
1806	0.407183	2.455898	3.0841%
1805	0.395001	2.531640	3.1822%
1804	0.382819	2.612201	3.2868%
1803	0.370637	2.698059	3.3985%
1802	0.358455	2.789752	3.5180%
1801	0.346273	2.887896	3.3999%
1800	0.334887	2.986083	2.8419%
1799	0.325633	3.070944	2.7485%
1798	0.316922	3.155348	2.8261%
1797	0.308212	3.244522	3.7832%
1796	0.296977	3.367269	2.1272%
1795	0.290791	3.438897	3.0879%
1794	0.282080	3.545088	3.1625%
1793	0.273433	3.657202	3.2904%
1792	0.264723	3.777539	3.4024%
1791	0.256012	3.906065	3.2296%
1790	0.248003	4.032214	41.3145%

1780	0.175497	5.698101	29.4353%
1770	0.135587	7.375355	83.4728%
1750	0.073900	13.531773	29.2845%
1740	0.057161	17.494479	94.2514%
1720	0.029426	33.983269	85.8111%
1700	0.015837	63.144679	19.2490%
1690	0.013280	75.299430	88.0250%
1670	0.007063	141.581769	

BASE YEAR: 1836

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	19.544210	0.051166	8.2857%
2001	18.048752	0.055405	1.0000%
2000	17.870049	0.055960	1.0000%
1999	17.693118	0.056519	1.0000%
1998	17.517939	0.057084	1.0000%
1997	17.344494	0.057655	1.0000%
1996	17.172766	0.058232	1.0000%
1995	17.002739	0.058814	0.9992%
1994	16.834525	0.059402	1.0008%
1993	16.667718	0.059996	1.0000%
1992	16.502691	0.060596	0.9295%
1991	16.350710	0.061159	1.2505%
1990	16.148767	0.061924	0.7224%
1989	16.032938	0.062372	1.1077%
1988	15.857291	0.063062	0.8834%
1987	15.718440	0.063620	0.5594%
1986	15.631006	0.063975	1.3056%
1985	15.429553	0.064811	0.7673%
1984	15.312066	0.065308	0.8149%
1983	15.188290	0.065840	0.9737%
1982	15.041821	0.066481	0.9508%
1981	14.900149	0.067113	0.9031%
1980	14.766795	0.067720	2.2701%
1979	14.439020	0.069257	1.0042%
1978	14.295468	0.069952	0.9896%
1977	14.155385	0.070644	0.9103%
1976	14.027686	0.071288	0.8394%
1975	13.910912	0.071886	0.9042%
1974	13.786261	0.072536	1.1568%
1973	13.628607	0.073375	0.9427%
1972	13.501329	0.074067	0.7426%
1971	13.401803	0.074617	1.4697%
1970	13.207684	0.075713	0.6968%
1969	13.116287	0.076241	0.8565%
1968	13.004895	0.076894	1.5090%
1967	12.811564	0.078054	0.9949%
1966	12.685356	0.078831	1.0575%
1965	12.552616	0.079665	1.1300%
1964	12.412355	0.080565	1.5537%
1963	12.222460	0.081817	1.4658%

1962	12.045889	0.083016	1.5364%
1961	11.863613	0.084291	2.1586%
1960	11.612931	0.086111	-1.6655%
1959	11.809619	0.084677	4.3080%
1958	11.321873	0.088325	2.1130%
1957	11.087596	0.090191	1.9895%
1956	10.871312	0.091985	2.1231%
1955	10.645302	0.093938	1.4496%
1954	10.493192	0.095300	2.1573%
1953	10.271607	0.097356	1.2298%
1952	10.146826	0.098553	1.6814%
1951	9.979041	0.100210	1.6233%
1950	9.819641	0.101837	1.4265%
1949	9.681531	0.103289	1.7790%
1948	9.512303	0.105127	1.8242%
1947	9.341892	0.107045	-2.6320%
1946	9.594421	0.104227	3.1768%
1945	9.299010	0.107538	6.4754%
1944	8.733480	0.114502	-0.3437%
1943	8.763599	0.114108	0.6562%
1942	8.706465	0.114857	0.6633%
1941	8.649096	0.115619	-5.6614%
1940	9.168143	0.109073	8.0381%
1939	8.486027	0.117841	0.8126%
1938	8.417623	0.118798	0.7762%
1937	8.352785	0.119721	0.6029%
1936	8.302730	0.120442	0.5244%
1935	8.259418	0.121074	-3.0364%
1934	8.518057	0.117398	4.6271%
1933	8.141347	0.122830	1.3921%
1932	8.029566	0.124540	-0.2051%
1931	8.046068	0.124284	0.8886%
1930	7.975200	0.125389	1.0126%
1929	7.895254	0.126658	1.1526%
1928	7.805291	0.128118	1.2160%
1927	7.711519	0.129676	1.4086%
1926	7.604404	0.131503	1.7667%
1925	7.472391	0.133826	1.4465%
1924	7.365843	0.135762	1.7700%
1923	7.237737	0.138165	1.6165%
1922	7.122599	0.140398	1.3736%
1921	7.026086	0.142327	2.3393%
1920	6.865481	0.145656	1.3140%
1919	6.776438	0.147570	0.7676%
1918	6.724815	0.148703	0.3870%
1917	6.698891	0.149278	1.3274%
1916	6.611133	0.151260	1.4083%
1915	6.519322	0.153390	1.4458%
1914	6.426409	0.155608	1.9424%
1913	6.303962	0.158630	1.9857%
1912	6.181223	0.161780	1.5634%
1911	6.086073	0.164310	1.8169%
1910	5.977467	0.167295	1.8781%

1909	5.867276	0.170437	2.0082%
1908	5.751767	0.173860	1.9603%
1907	5.641185	0.177268	1.8264%
1906	5.540005	0.180505	1.9357%
1905	5.434805	0.183999	2.0148%
1904	5.327465	0.187707	2.1335%
1903	5.216177	0.191711	1.8151%
1902	5.123183	0.195191	1.8943%
1901	5.027937	0.198889	3.0255%
1900	4.880284	0.204906	0.6278%
1899	4.849835	0.206193	1.7757%
1898	4.765221	0.209854	1.8078%
1897	4.680607	0.213648	1.8396%
1896	4.596058	0.217578	1.8755%
1895	4.511444	0.221659	1.9114%
1894	4.426830	0.225895	1.9486%
1893	4.342216	0.230297	1.9858%
1892	4.257667	0.234870	2.0276%
1891	4.173053	0.239633	2.6465%
1890	4.065460	0.245975	1.5328%
1889	4.004085	0.249745	2.0811%
1888	3.922453	0.254942	2.1599%
1887	3.839525	0.260449	2.2075%
1886	3.756597	0.266198	2.2592%
1885	3.673604	0.272212	2.3095%
1884	3.590676	0.278499	2.3641%
1883	3.507748	0.285083	2.4214%
1882	3.424820	0.291986	2.4815%
1881	3.341892	0.299232	3.7644%
1880	3.220654	0.310496	0.9432%
1879	3.190560	0.313425	2.1464%
1878	3.123517	0.320152	2.1913%
1877	3.056539	0.327167	2.2426%
1876	2.989496	0.334505	2.2941%
1875	2.922453	0.342178	2.3456%
1874	2.855476	0.350204	2.4043%
1873	2.788433	0.358624	2.4635%
1872	2.721390	0.367459	2.5258%
1871	2.654347	0.376740	5.9947%
1870	2.504227	0.399325	-1.0968%
1869	2.531998	0.394945	2.1930%
1868	2.477663	0.403606	2.2394%
1867	2.423394	0.412644	2.2935%
1866	2.369059	0.422108	2.3445%
1865	2.314790	0.432005	2.4037%
1864	2.260455	0.442389	2.4599%
1863	2.206186	0.453271	2.5250%
1862	2.151851	0.464716	2.5872%
1861	2.097582	0.476740	2.9504%
1860	2.037468	0.490805	2.4012%
1859	1.989691	0.502591	2.7627%
1858	1.936199	0.516476	2.8412%
1857	1.882708	0.531150	2.9243%

1856	1.829216	0.546682	3.0161%
1855	1.775660	0.563171	3.1061%
1854	1.722168	0.580663	3.2056%
1853	1.668677	0.599277	3.3118%
1852	1.615185	0.619124	3.4252%
1851	1.561694	0.640330	4.0106%
1850	1.501475	0.666012	2.3254%
1849	1.467354	0.681499	2.7841%
1848	1.427608	0.700472	2.8590%
1847	1.387927	0.720499	2.9432%
1846	1.348246	0.741704	3.0324%
1845	1.308565	0.764196	3.1325%
1844	1.268819	0.788134	3.2284%
1843	1.229138	0.813578	3.3361%
1842	1.189457	0.840720	3.4512%
1841	1.149776	0.869734	3.8105%
1840	1.107572	0.902876	2.3861%
1839	1.081761	0.924419	2.5824%
1838	1.054529	0.948291	2.6573%
1837	1.027232	0.973490	2.7232%
1836	1.000000	1.000000	2.7994%
1835	0.972768	1.027994	2.8871%
1834	0.945471	1.057674	2.9657%
1833	0.918239	1.089041	3.0563%
1832	0.891007	1.122326	3.1604%
1831	0.863710	1.157796	3.4660%
1830	0.834777	1.197925	2.4653%
1829	0.814692	1.227457	2.6804%
1828	0.793425	1.260358	10.3427%
1827	0.719056	1.390712	-4.2314%
1826	0.750827	1.331865	2.9150%
1825	0.729560	1.370690	3.0026%
1824	0.708293	1.411845	3.0955%
1823	0.687026	1.455549	3.1944%
1822	0.665759	1.502045	3.3102%
1821	0.644427	1.551766	3.2277%
1820	0.624277	1.601853	2.6573%
1819	0.608118	1.644418	2.6261%
1818	0.592557	1.687603	2.6969%
1817	0.576995	1.733116	2.7717%
1816	0.561434	1.781153	2.8507%
1815	0.545873	1.831928	2.9343%
1814	0.530312	1.885683	3.0231%
1813	0.514751	1.942688	3.1039%
1812	0.499254	2.002987	3.2172%
1811	0.483693	2.067426	3.0969%
1810	0.469164	2.131453	2.9144%
1809	0.455878	2.193571	2.8225%
1808	0.443364	2.255484	2.9199%
1807	0.430785	2.321343	2.9918%
1806	0.418271	2.390792	3.0841%
1805	0.405758	2.464525	3.1822%
1804	0.393244	2.542951	3.2868%

1803	0.380730	2.626533	3.3985%
1802	0.368216	2.715795	3.5180%
1801	0.355703	2.811338	3.3999%
1800	0.344006	2.906922	2.8419%
1799	0.334500	2.989533	2.7485%
1798	0.325553	3.071699	2.8261%
1797	0.316605	3.158509	3.7832%
1796	0.305064	3.278002	2.1272%
1795	0.298710	3.347732	3.0879%
1794	0.289762	3.451108	3.1625%
1793	0.280879	3.560249	3.2904%
1792	0.271932	3.677396	3.4024%
1791	0.262984	3.802515	3.2296%
1790	0.254756	3.925319	41.3145%
1780	0.180276	5.547044	29.4353%
1770	0.139279	7.179833	83.4728%
1750	0.075913	13.173044	29.2845%
1740	0.058717	17.030698	94.2514%
1720	0.030228	33.082368	85.8111%
1700	0.016268	61.470705	19.2490%
1690	0.013642	73.303232	88.0250%
1670	0.007255	137.828418	

BASE YEAR: 1835

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	20.091338	0.049773	8.2857%
2001	18.554016	0.053897	1.0000%
2000	18.370311	0.054436	1.0000%
1999	18.188426	0.054980	1.0000%
1998	18.008343	0.055530	1.0000%
1997	17.830043	0.056085	1.0000%
1996	17.653507	0.056646	1.0000%
1995	17.478720	0.057212	0.9992%
1994	17.305797	0.057784	1.0008%
1993	17.134320	0.058362	1.0000%
1992	16.964674	0.058946	0.9295%
1991	16.808438	0.059494	1.2505%
1990	16.600842	0.060238	0.7224%
1989	16.481770	0.060673	1.1077%
1988	16.301206	0.061345	0.8834%
1987	16.158468	0.061887	0.5594%
1986	16.068586	0.062233	1.3056%
1985	15.861494	0.063046	0.7673%
1984	15.740719	0.063530	0.8149%
1983	15.613477	0.064047	0.9737%
1982	15.462907	0.064671	0.9508%
1981	15.317270	0.065286	0.9031%
1980	15.180183	0.065875	2.2701%
1979	14.843231	0.067371	1.0042%
1978	14.695661	0.068047	0.9896%
1977	14.551656	0.068721	0.9103%

1976	14.420383	0.069346	0.8394%
1975	14.300340	0.069928	0.9042%
1974	14.172199	0.070561	1.1568%
1973	14.010131	0.071377	0.9427%
1972	13.879291	0.072050	0.7426%
1971	13.776978	0.072585	1.4697%
1970	13.577425	0.073652	0.6968%
1969	13.483470	0.074165	0.8565%
1968	13.368960	0.074800	1.5090%
1967	13.170216	0.075929	0.9949%
1966	13.040475	0.076684	1.0575%
1965	12.904019	0.077495	1.1300%
1964	12.759831	0.078371	1.5537%
1963	12.564620	0.079589	1.4658%
1962	12.383107	0.080755	1.5364%
1961	12.195728	0.081996	2.1586%
1960	11.938029	0.083766	-1.6655%
1959	12.140222	0.082371	4.3080%
1958	11.638822	0.085919	2.1130%
1957	11.397987	0.087735	1.9895%
1956	11.175648	0.089480	2.1231%
1955	10.943311	0.091380	1.4496%
1954	10.786943	0.092705	2.1573%
1953	10.559155	0.094705	1.2298%
1952	10.430880	0.095869	1.6814%
1951	10.258398	0.097481	1.6233%
1950	10.094536	0.099063	1.4265%
1949	9.952559	0.100477	1.7790%
1948	9.778594	0.102264	1.8242%
1947	9.603413	0.104130	-2.6320%
1946	9.863011	0.101389	3.1768%
1945	9.559330	0.104610	6.4754%
1944	8.977969	0.111384	-0.3437%
1943	9.008930	0.111001	0.6562%
1942	8.950197	0.111729	0.6633%
1941	8.891222	0.112470	-5.6614%
1940	9.424800	0.106103	8.0381%
1939	8.723589	0.114632	0.8126%
1938	8.653269	0.115563	0.7762%
1937	8.586616	0.116460	0.6029%
1936	8.535160	0.117162	0.5244%
1935	8.490635	0.117777	-3.0364%
1934	8.756515	0.114201	4.6271%
1933	8.369259	0.119485	1.3921%
1932	8.254349	0.121148	-0.2051%
1931	8.271312	0.120900	0.8886%
1930	8.198461	0.121974	1.0126%
1929	8.116277	0.123209	1.1526%
1928	8.023795	0.124629	1.2160%
1927	7.927398	0.126145	1.4086%
1926	7.817285	0.127922	1.7667%
1925	7.681576	0.130182	1.4465%
1924	7.572046	0.132065	1.7700%

1923	7.440354	0.134402	1.6165%
1922	7.321992	0.136575	1.3736%
1921	7.222777	0.138451	2.3393%
1920	7.057676	0.141690	1.3140%
1919	6.966140	0.143552	0.7676%
1918	6.913072	0.144653	0.3870%
1917	6.886423	0.145213	1.3274%
1916	6.796207	0.147141	1.4083%
1915	6.701826	0.149213	1.4458%
1914	6.606312	0.151370	1.9424%
1913	6.480437	0.154311	1.9857%
1912	6.354262	0.157375	1.5634%
1911	6.256449	0.159835	1.8169%
1910	6.144803	0.162739	1.8781%
1909	6.031527	0.165795	2.0082%
1908	5.912784	0.169125	1.9603%
1907	5.799107	0.172440	1.8264%
1906	5.695094	0.175590	1.9357%
1905	5.586949	0.178989	2.0148%
1904	5.476605	0.182595	2.1335%
1903	5.362201	0.186491	1.8151%
1902	5.266604	0.189876	1.8943%
1901	5.168691	0.193473	3.0255%
1900	5.016904	0.199326	0.6278%
1899	4.985603	0.200578	1.7757%
1898	4.898620	0.204139	1.8078%
1897	4.811638	0.207829	1.8396%
1896	4.724722	0.211653	1.8755%
1895	4.637739	0.215622	1.9114%
1894	4.550757	0.219744	1.9486%
1893	4.463774	0.224026	1.9858%
1892	4.376858	0.228474	2.0276%
1891	4.289875	0.233107	2.6465%
1890	4.179270	0.239276	1.5328%
1889	4.116177	0.242944	2.0811%
1888	4.032260	0.248000	2.1599%
1887	3.947011	0.253356	2.2075%
1886	3.861761	0.258949	2.2592%
1885	3.776445	0.264799	2.3095%
1884	3.691195	0.270915	2.3641%
1883	3.605945	0.277320	2.4214%
1882	3.520696	0.284035	2.4815%
1881	3.435446	0.291083	3.7644%
1880	3.310814	0.302041	0.9432%
1879	3.279877	0.304889	2.1464%
1878	3.210958	0.311434	2.1913%
1877	3.142105	0.318258	2.2426%
1876	3.073185	0.325395	2.2941%
1875	3.004266	0.332860	2.3456%
1874	2.935413	0.340668	2.4043%
1873	2.866493	0.348858	2.4635%
1872	2.797574	0.357453	2.5258%
1871	2.728654	0.366481	5.9947%

1870	2.574331	0.388450	-1.0968%
1869	2.602879	0.384190	2.1930%
1868	2.547024	0.392615	2.2394%
1867	2.491235	0.401407	2.2935%
1866	2.435380	0.410614	2.3445%
1865	2.379591	0.420240	2.4037%
1864	2.323735	0.430342	2.4599%
1863	2.267946	0.440928	2.5250%
1862	2.212091	0.452061	2.5872%
1861	2.156302	0.463757	2.9504%
1860	2.094506	0.477440	2.4012%
1859	2.045391	0.488904	2.7627%
1858	1.990402	0.502411	2.8412%
1857	1.935413	0.516686	2.9243%
1856	1.880424	0.531795	3.0161%
1855	1.825368	0.547835	3.1061%
1854	1.770379	0.564851	3.2056%
1853	1.715390	0.582958	3.3118%
1852	1.660401	0.602264	3.4252%
1851	1.605412	0.622893	4.0106%
1850	1.543508	0.647875	2.3254%
1849	1.508432	0.662940	2.7841%
1848	1.467573	0.681397	2.8590%
1847	1.426781	0.700878	2.9432%
1846	1.385989	0.721506	3.0324%
1845	1.345198	0.743385	3.1325%
1844	1.304339	0.766672	3.2284%
1843	1.263547	0.791423	3.3361%
1842	1.222755	0.817825	3.4512%
1841	1.181964	0.846050	3.8105%
1840	1.138578	0.878288	2.3861%
1839	1.112044	0.899245	2.5824%
1838	1.084050	0.922467	2.6573%
1837	1.055989	0.946980	2.7232%
1836	1.027994	0.972768	2.7994%
1835	1.000000	1.000000	2.8871%
1834	0.971939	1.028871	2.9657%
1833	0.943945	1.059384	3.0563%
1832	0.915950	1.091762	3.1604%
1831	0.887889	1.126267	3.4660%
1830	0.858146	1.165303	2.4653%
1829	0.837499	1.194031	2.6804%
1828	0.815637	1.226036	10.3427%
1827	0.739185	1.352840	-4.2314%
1826	0.771846	1.295596	2.9150%
1825	0.749983	1.333363	3.0026%
1824	0.728121	1.373398	3.0955%
1823	0.706259	1.415912	3.1944%
1822	0.684396	1.461141	3.3102%
1821	0.662468	1.509508	3.2277%
1820	0.641753	1.558231	2.6573%
1819	0.625142	1.599637	2.6261%
1818	0.609145	1.641646	2.6969%

1817	0.593148	1.685920	2.7717%
1816	0.577151	1.732648	2.8507%
1815	0.561154	1.782041	2.9343%
1814	0.545158	1.834332	3.0231%
1813	0.529161	1.889785	3.1039%
1812	0.513231	1.948442	3.2172%
1811	0.497234	2.011126	3.0969%
1810	0.482298	2.073409	2.9144%
1809	0.468640	2.133836	2.8225%
1808	0.455776	2.194063	2.9199%
1807	0.442845	2.258128	2.9918%
1806	0.429981	2.325686	3.0841%
1805	0.417117	2.397411	3.1822%
1804	0.404252	2.473702	3.2868%
1803	0.391388	2.555007	3.3985%
1802	0.378524	2.641838	3.5180%
1801	0.365660	2.734779	3.3999%
1800	0.353637	2.827760	2.8419%
1799	0.343865	2.908122	2.7485%
1798	0.334666	2.988050	2.8261%
1797	0.325468	3.072496	3.7832%
1796	0.313604	3.188735	2.1272%
1795	0.307072	3.256566	3.0879%
1794	0.297874	3.357127	3.1625%
1793	0.288742	3.463296	3.2904%
1792	0.279544	3.577253	3.4024%
1791	0.270346	3.698964	3.2296%
1790	0.261888	3.818425	41.3145%
1780	0.185323	5.395986	29.4353%
1770	0.143178	6.984312	83.4728%
1750	0.078038	12.814315	29.2845%
1740	0.060361	16.566917	94.2514%
1720	0.031074	32.181467	85.8111%
1700	0.016723	59.796732	19.2490%
1690	0.014024	71.307034	88.0250%
1670	0.007459	134.075067	

BASE YEAR: 1834

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	20.671400	0.048376	8.2857%
2001	19.089693	0.052384	1.0000%
2000	18.900684	0.052908	1.0000%
1999	18.713548	0.053437	1.0000%
1998	18.528266	0.053972	1.0000%
1997	18.344818	0.054511	1.0000%
1996	18.163186	0.055056	1.0000%
1995	17.983352	0.055607	0.9992%
1994	17.805436	0.056163	1.0008%
1993	17.629009	0.056725	1.0000%
1992	17.454464	0.057292	0.9295%
1991	17.293718	0.057824	1.2505%

1990	17.080129	0.058548	0.7224%
1989	16.957619	0.058971	1.1077%
1988	16.771842	0.059624	0.8834%
1987	16.624983	0.060150	0.5594%
1986	16.532506	0.060487	1.3056%
1985	16.319435	0.061277	0.7673%
1984	16.195172	0.061747	0.8149%
1983	16.064257	0.062250	0.9737%
1982	15.909340	0.062856	0.9508%
1981	15.759498	0.063454	0.9031%
1980	15.618453	0.064027	2.2701%
1979	15.271773	0.065480	1.0042%
1978	15.119942	0.066138	0.9896%
1977	14.971780	0.066792	0.9103%
1976	14.836716	0.067400	0.8394%
1975	14.713208	0.067966	0.9042%
1974	14.581367	0.068581	1.1568%
1973	14.414621	0.069374	0.9427%
1972	14.280003	0.070028	0.7426%
1971	14.174736	0.070548	1.4697%
1970	13.969422	0.071585	0.6968%
1969	13.872754	0.072084	0.8565%
1968	13.754938	0.072701	1.5090%
1967	13.550456	0.073798	0.9949%
1966	13.416970	0.074532	1.0575%
1965	13.276574	0.075321	1.1300%
1964	13.128223	0.076172	1.5537%
1963	12.927376	0.077355	1.4658%
1962	12.740622	0.078489	1.5364%
1961	12.547833	0.079695	2.1586%
1960	12.282694	0.081415	-1.6655%
1959	12.490725	0.080059	4.3080%
1958	11.974849	0.083508	2.1130%
1957	11.727061	0.085273	1.9895%
1956	11.498303	0.086969	2.1231%
1955	11.259258	0.088816	1.4496%
1954	11.098375	0.090103	2.1573%
1953	10.864010	0.092047	1.2298%
1952	10.732033	0.093179	1.6814%
1951	10.554571	0.094746	1.6233%
1950	10.385978	0.096284	1.4265%
1949	10.239902	0.097657	1.7790%
1948	10.060914	0.099395	1.8242%
1947	9.880675	0.101208	-2.6320%
1946	10.147768	0.098544	3.1768%
1945	9.835319	0.101674	6.4754%
1944	9.237174	0.108258	-0.3437%
1943	9.269029	0.107886	0.6562%
1942	9.208600	0.108594	0.6633%
1941	9.147922	0.109314	-5.6614%
1940	9.696905	0.103126	8.0381%
1939	8.975449	0.111415	0.8126%
1938	8.903100	0.112320	0.7762%

1937	8.834522	0.113192	0.6029%
1936	8.781580	0.113875	0.5244%
1935	8.735770	0.114472	-3.0364%
1934	9.009327	0.110996	4.6271%
1933	8.610890	0.116132	1.3921%
1932	8.492662	0.117749	-0.2051%
1931	8.510115	0.117507	0.8886%
1930	8.435161	0.118551	1.0126%
1929	8.350603	0.119752	1.1526%
1928	8.255452	0.121132	1.2160%
1927	8.156271	0.122605	1.4086%
1926	8.042979	0.124332	1.7667%
1925	7.903352	0.126529	1.4465%
1924	7.790660	0.128359	1.7700%
1923	7.655166	0.130631	1.6165%
1922	7.533387	0.132742	1.3736%
1921	7.431307	0.134566	2.3393%
1920	7.261439	0.137714	1.3140%
1919	7.167261	0.139523	0.7676%
1918	7.112661	0.140594	0.3870%
1917	7.085242	0.141138	1.3274%
1916	6.992422	0.143012	1.4083%
1915	6.895316	0.145026	1.4458%
1914	6.797044	0.147123	1.9424%
1913	6.667535	0.149980	1.9857%
1912	6.537718	0.152959	1.5634%
1911	6.437080	0.155350	1.8169%
1910	6.322211	0.158173	1.8781%
1909	6.205665	0.161143	2.0082%
1908	6.083493	0.164379	1.9603%
1907	5.966534	0.167601	1.8264%
1906	5.859519	0.170662	1.9357%
1905	5.748251	0.173966	2.0148%
1904	5.634721	0.177471	2.1335%
1903	5.517014	0.181257	1.8151%
1902	5.418657	0.184548	1.8943%
1901	5.317917	0.188044	3.0255%
1900	5.161749	0.193733	0.6278%
1899	5.129543	0.194949	1.7757%
1898	5.040049	0.198411	1.8078%
1897	4.950555	0.201998	1.8396%
1896	4.861130	0.205713	1.8755%
1895	4.771636	0.209572	1.9114%
1894	4.682142	0.213577	1.9486%
1893	4.592648	0.217739	1.9858%
1892	4.503223	0.222063	2.0276%
1891	4.413729	0.226566	2.6465%
1890	4.299931	0.232562	1.5328%
1889	4.235016	0.236127	2.0811%
1888	4.148676	0.241041	2.1599%
1887	4.060966	0.246247	2.2075%
1886	3.973255	0.251683	2.2592%
1885	3.885475	0.257369	2.3095%

1884	3.797764	0.263313	2.3641%
1883	3.710053	0.269538	2.4214%
1882	3.622343	0.276064	2.4815%
1881	3.534632	0.282915	3.7644%
1880	3.406401	0.293565	0.9432%
1879	3.374571	0.296334	2.1464%
1878	3.303662	0.302694	2.1913%
1877	3.232821	0.309327	2.2426%
1876	3.161912	0.316264	2.2941%
1875	3.091003	0.323520	2.3456%
1874	3.020162	0.331108	2.4043%
1873	2.949253	0.339069	2.4635%
1872	2.878343	0.347422	2.5258%
1871	2.807434	0.356197	5.9947%
1870	2.648656	0.377550	-1.0968%
1869	2.678028	0.373409	2.1930%
1868	2.620560	0.381598	2.2394%
1867	2.563160	0.390143	2.2935%
1866	2.505692	0.399091	2.3445%
1865	2.448292	0.408448	2.4037%
1864	2.390824	0.418266	2.4599%
1863	2.333425	0.428555	2.5250%
1862	2.275957	0.439376	2.5872%
1861	2.218557	0.450743	2.9504%
1860	2.154977	0.464042	2.4012%
1859	2.104444	0.475185	2.7627%
1858	2.047867	0.488313	2.8412%
1857	1.991291	0.502187	2.9243%
1856	1.934714	0.516872	3.0161%
1855	1.878069	0.532462	3.1061%
1854	1.821492	0.549000	3.2056%
1853	1.764916	0.566599	3.3118%
1852	1.708339	0.585364	3.4252%
1851	1.651762	0.605414	4.0106%
1850	1.588071	0.629695	2.3254%
1849	1.551982	0.644337	2.7841%
1848	1.509944	0.662276	2.8590%
1847	1.467974	0.681211	2.9432%
1846	1.426005	0.701260	3.0324%
1845	1.384035	0.722525	3.1325%
1844	1.341997	0.745158	3.2284%
1843	1.300027	0.769215	3.3361%
1842	1.258058	0.794876	3.4512%
1841	1.216088	0.822309	3.8105%
1840	1.171450	0.853643	2.3861%
1839	1.144150	0.874011	2.5824%
1838	1.115348	0.896581	2.6573%
1837	1.086476	0.920406	2.7232%
1836	1.057674	0.945471	2.7994%
1835	1.028871	0.971939	2.8871%
1834	1.000000	1.000000	2.9657%
1833	0.971197	1.029657	3.0563%
1832	0.942395	1.061126	3.1604%

1831	0.913524	1.094663	3.4660%
1830	0.882922	1.132603	2.4653%
1829	0.861679	1.160525	2.6804%
1828	0.839185	1.191632	10.3427%
1827	0.760527	1.314878	-4.2314%
1826	0.794130	1.259240	2.9150%
1825	0.771636	1.295947	3.0026%
1824	0.749143	1.334859	3.0955%
1823	0.726649	1.376180	3.1944%
1822	0.704156	1.420140	3.3102%
1821	0.681594	1.467150	3.2277%
1820	0.660282	1.514505	2.6573%
1819	0.643190	1.554750	2.6261%
1818	0.626732	1.595579	2.6969%
1817	0.610273	1.638611	2.7717%
1816	0.593814	1.684028	2.8507%
1815	0.577356	1.732035	2.9343%
1814	0.560897	1.782859	3.0231%
1813	0.544438	1.836755	3.1039%
1812	0.528048	1.893766	3.2172%
1811	0.511590	1.954692	3.0969%
1810	0.496222	2.015227	2.9144%
1809	0.482170	2.073958	2.8225%
1808	0.468934	2.132495	2.9199%
1807	0.455630	2.194762	2.9918%
1806	0.442395	2.260425	3.0841%
1805	0.429159	2.330137	3.1822%
1804	0.415924	2.404287	3.2868%
1803	0.402688	2.483311	3.3985%
1802	0.389453	2.567706	3.5180%
1801	0.376217	2.658039	3.3999%
1800	0.363847	2.748411	2.8419%
1799	0.353792	2.826517	2.7485%
1798	0.344329	2.904202	2.8261%
1797	0.334865	2.986279	3.7832%
1796	0.322658	3.099256	2.1272%
1795	0.315937	3.165183	3.0879%
1794	0.306474	3.262922	3.1625%
1793	0.297079	3.366113	3.2904%
1792	0.287615	3.476872	3.4024%
1791	0.278151	3.595168	3.2296%
1790	0.269449	3.711276	41.3145%
1780	0.190673	5.244569	29.4353%
1770	0.147312	6.788325	83.4728%
1750	0.080291	12.454732	29.2845%
1740	0.062104	16.102032	94.2514%
1720	0.031971	31.278421	85.8111%
1700	0.017206	58.118772	19.2490%
1690	0.014429	69.306084	88.0250%
1670	0.007674	130.312779	

BASE YEAR: 1833

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	21.284448	0.046983	8.2857%
2001	19.655832	0.050875	1.0000%
2000	19.461218	0.051384	1.0000%
1999	19.268533	0.051898	1.0000%
1998	19.077755	0.052417	1.0000%
1997	18.888867	0.052941	1.0000%
1996	18.701848	0.053471	1.0000%
1995	18.516681	0.054005	0.9992%
1994	18.333489	0.054545	1.0008%
1993	18.151830	0.055091	1.0000%
1992	17.972108	0.055642	0.9295%
1991	17.806595	0.056159	1.2505%
1990	17.586671	0.056861	0.7224%
1989	17.460528	0.057272	1.1077%
1988	17.269242	0.057906	0.8834%
1987	17.118027	0.058418	0.5594%
1986	17.022808	0.058745	1.3056%
1985	16.803418	0.059512	0.7673%
1984	16.675470	0.059968	0.8149%
1983	16.540672	0.060457	0.9737%
1982	16.381161	0.061046	0.9508%
1981	16.226875	0.061626	0.9031%
1980	16.081647	0.062183	2.2701%
1979	15.724686	0.063594	1.0042%
1978	15.568352	0.064233	0.9896%
1977	15.415796	0.064869	0.9103%
1976	15.276726	0.065459	0.8394%
1975	15.149555	0.066009	0.9042%
1974	15.013805	0.066605	1.1568%
1973	14.842113	0.067376	0.9427%
1972	14.703502	0.068011	0.7426%
1971	14.595114	0.068516	1.4697%
1970	14.383711	0.069523	0.6968%
1969	14.284176	0.070008	0.8565%
1968	14.162865	0.070607	1.5090%
1967	13.952320	0.071673	0.9949%
1966	13.814874	0.072386	1.0575%
1965	13.670315	0.073151	1.1300%
1964	13.517565	0.073978	1.5537%
1963	13.310761	0.075127	1.4658%
1962	13.118468	0.076228	1.5364%
1961	12.919962	0.077400	2.1586%
1960	12.646960	0.079070	-1.6655%
1959	12.861160	0.077753	4.3080%
1958	12.329985	0.081103	2.1130%
1957	12.074848	0.082817	1.9895%
1956	11.839306	0.084464	2.1231%
1955	11.593172	0.086258	1.4496%
1954	11.427517	0.087508	2.1573%
1953	11.186203	0.089396	1.2298%
1952	11.050311	0.090495	1.6814%

1951	10.867586	0.092017	1.6233%
1950	10.693993	0.093510	1.4265%
1949	10.543585	0.094844	1.7790%
1948	10.359289	0.096532	1.8242%
1947	10.173704	0.098293	-2.6320%
1946	10.448718	0.095706	3.1768%
1945	10.127004	0.098746	6.4754%
1944	9.511119	0.105140	-0.3437%
1943	9.543919	0.104779	0.6562%
1942	9.481698	0.105466	0.6633%
1941	9.419220	0.106166	-5.6614%
1940	9.984485	0.100155	8.0381%
1939	9.241633	0.108206	0.8126%
1938	9.167137	0.109085	0.7762%
1937	9.096526	0.109932	0.6029%
1936	9.042014	0.110595	0.5244%
1935	8.994845	0.111175	-3.0364%
1934	9.276515	0.107799	4.6271%
1933	8.866262	0.112787	1.3921%
1932	8.744528	0.114357	-0.2051%
1931	8.762498	0.114123	0.8886%
1930	8.685321	0.115137	1.0126%
1929	8.598256	0.116303	1.1526%
1928	8.500282	0.117643	1.2160%
1927	8.398161	0.119074	1.4086%
1926	8.281509	0.120751	1.7667%
1925	8.137740	0.122884	1.4465%
1924	8.021706	0.124662	1.7700%
1923	7.882194	0.126868	1.6165%
1922	7.756803	0.128919	1.3736%
1921	7.651696	0.130690	2.3393%
1920	7.476791	0.133747	1.3140%
1919	7.379819	0.135505	0.7676%
1918	7.323600	0.136545	0.3870%
1917	7.295368	0.137073	1.3274%
1916	7.199795	0.138893	1.4083%
1915	7.099809	0.140849	1.4458%
1914	6.998623	0.142885	1.9424%
1913	6.865273	0.145661	1.9857%
1912	6.731606	0.148553	1.5634%
1911	6.627983	0.150875	1.8169%
1910	6.509707	0.153617	1.8781%
1909	6.389705	0.156502	2.0082%
1908	6.263910	0.159645	1.9603%
1907	6.143483	0.162774	1.8264%
1906	6.033293	0.165747	1.9357%
1905	5.918726	0.168955	2.0148%
1904	5.801829	0.172359	2.1335%
1903	5.680631	0.176037	1.8151%
1902	5.579357	0.179232	1.8943%
1901	5.475630	0.182627	3.0255%
1900	5.314830	0.188153	0.6278%
1899	5.281669	0.189334	1.7757%

1898	5.189521	0.192696	1.8078%
1897	5.097373	0.196179	1.8396%
1896	5.005296	0.199788	1.8755%
1895	4.913148	0.203535	1.9114%
1894	4.821000	0.207426	1.9486%
1893	4.728852	0.211468	1.9858%
1892	4.636774	0.215667	2.0276%
1891	4.544626	0.220040	2.6465%
1890	4.427453	0.225863	1.5328%
1889	4.360613	0.229326	2.0811%
1888	4.271713	0.234098	2.1599%
1887	4.181401	0.239154	2.2075%
1886	4.091089	0.244434	2.2592%
1885	4.000706	0.249956	2.3095%
1884	3.910394	0.255729	2.3641%
1883	3.820082	0.261774	2.4214%
1882	3.729770	0.268113	2.4815%
1881	3.639458	0.274766	3.7644%
1880	3.507424	0.285109	0.9432%
1879	3.474650	0.287799	2.1464%
1878	3.401638	0.293976	2.1913%
1877	3.328697	0.300418	2.2426%
1876	3.255684	0.307155	2.2941%
1875	3.182672	0.314201	2.3456%
1874	3.109730	0.321571	2.4043%
1873	3.036718	0.329303	2.4635%
1872	2.963706	0.337415	2.5258%
1871	2.890693	0.345938	5.9947%
1870	2.727206	0.366676	-1.0968%
1869	2.757450	0.362654	2.1930%
1868	2.698277	0.370607	2.2394%
1867	2.639175	0.378906	2.2935%
1866	2.580003	0.387596	2.3445%
1865	2.520901	0.396684	2.4037%
1864	2.461729	0.406219	2.4599%
1863	2.402627	0.416211	2.5250%
1862	2.343454	0.426721	2.5872%
1861	2.284352	0.437761	2.9504%
1860	2.218886	0.450677	2.4012%
1859	2.166855	0.461498	2.7627%
1858	2.108600	0.474248	2.8412%
1857	2.050346	0.487723	2.9243%
1856	1.992092	0.501985	3.0161%
1855	1.933766	0.517126	3.1061%
1854	1.875512	0.533188	3.2056%
1853	1.817257	0.550280	3.3118%
1852	1.759003	0.568504	3.4252%
1851	1.700748	0.587976	4.0106%
1850	1.635168	0.611558	2.3254%
1849	1.598009	0.625779	2.7841%
1848	1.554724	0.643201	2.8590%
1847	1.511510	0.661590	2.9432%
1846	1.468295	0.681062	3.0324%

1845	1.425081	0.701714	3.1325%
1844	1.381796	0.723696	3.2284%
1843	1.338582	0.747059	3.3361%
1842	1.295368	0.771981	3.4512%
1841	1.252154	0.798624	3.8105%
1840	1.206192	0.829056	2.3861%
1839	1.178082	0.848837	2.5824%
1838	1.148425	0.870758	2.6573%
1837	1.118698	0.893896	2.7232%
1836	1.089041	0.918239	2.7994%
1835	1.059384	0.943945	2.8871%
1834	1.029657	0.971197	2.9657%
1833	1.000000	1.000000	3.0563%
1832	0.970343	1.030563	3.1604%
1831	0.940616	1.063133	3.4660%
1830	0.909106	1.099981	2.4653%
1829	0.887233	1.127099	2.6804%
1828	0.864073	1.157310	10.3427%
1827	0.783081	1.277006	-4.2314%
1826	0.817681	1.222971	2.9150%
1825	0.794521	1.258621	3.0026%
1824	0.771360	1.296412	3.0955%
1823	0.748199	1.336542	3.1944%
1822	0.725039	1.379236	3.3102%
1821	0.701808	1.424892	3.2277%
1820	0.679863	1.470884	2.6573%
1819	0.662265	1.509969	2.6261%
1818	0.645318	1.549622	2.6969%
1817	0.628372	1.591415	2.7717%
1816	0.611425	1.635524	2.8507%
1815	0.594478	1.682148	2.9343%
1814	0.577531	1.731508	3.0231%
1813	0.560585	1.783852	3.1039%
1812	0.543709	1.839221	3.2172%
1811	0.526762	1.898391	3.0969%
1810	0.510938	1.957183	2.9144%
1809	0.496469	2.014223	2.8225%
1808	0.482841	2.071073	2.9199%
1807	0.469143	2.131547	2.9918%
1806	0.455515	2.195319	3.0841%
1805	0.441887	2.263023	3.1822%
1804	0.428259	2.335037	3.2868%
1803	0.414631	2.411785	3.3985%
1802	0.401003	2.493749	3.5180%
1801	0.387375	2.581480	3.3999%
1800	0.374637	2.669249	2.8419%
1799	0.364285	2.745106	2.7485%
1798	0.354540	2.820554	2.8261%
1797	0.344796	2.900266	3.7832%
1796	0.332227	3.009989	2.1272%
1795	0.325307	3.074018	3.0879%
1794	0.315563	3.168942	3.1625%
1793	0.305889	3.269160	3.2904%

1792	0.296145	3.376729	3.4024%
1791	0.286400	3.491617	3.2296%
1790	0.277440	3.604381	41.3145%
1780	0.196328	5.093512	29.4353%
1770	0.151681	6.592803	83.4728%
1750	0.082672	12.096003	29.2845%
1740	0.063946	15.638251	94.2514%
1720	0.032919	30.377520	85.8111%
1700	0.017716	56.444799	19.2490%
1690	0.014857	67.309886	88.0250%
1670	0.007901	126.559428	

BASE YEAR: 1832

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	21.934969	0.045589	8.2857%
2001	20.256578	0.049367	1.0000%
2000	20.056016	0.049860	1.0000%
1999	19.857442	0.050359	1.0000%
1998	19.660833	0.050863	1.0000%
1997	19.466172	0.051371	1.0000%
1996	19.273437	0.051885	1.0000%
1995	19.082611	0.052404	0.9992%
1994	18.893820	0.052927	1.0008%
1993	18.706608	0.053457	1.0000%
1992	18.521394	0.053992	0.9295%
1991	18.350822	0.054493	1.2505%
1990	18.124177	0.055175	0.7224%
1989	17.994178	0.055574	1.1077%
1988	17.797046	0.056189	0.8834%
1987	17.641209	0.056685	0.5594%
1986	17.543080	0.057003	1.3056%
1985	17.316984	0.057747	0.7673%
1984	17.185126	0.058190	0.8149%
1983	17.046209	0.058664	0.9737%
1982	16.881822	0.059235	0.9508%
1981	16.722821	0.059799	0.9031%
1980	16.573154	0.060339	2.2701%
1979	16.205283	0.061708	1.0042%
1978	16.044171	0.062328	0.9896%
1977	15.886952	0.062945	0.9103%
1976	15.743633	0.063518	0.8394%
1975	15.612575	0.064051	0.9042%
1974	15.472675	0.064630	1.1568%
1973	15.295736	0.065378	0.9427%
1972	15.152889	0.065994	0.7426%
1971	15.041188	0.066484	1.4697%
1970	14.823324	0.067461	0.6968%
1969	14.720747	0.067931	0.8565%
1968	14.595728	0.068513	1.5090%
1967	14.378748	0.069547	0.9949%
1966	14.237102	0.070239	1.0575%

1965	14.088124	0.070982	1.1300%
1964	13.930705	0.071784	1.5537%
1963	13.717581	0.072899	1.4658%
1962	13.519411	0.073968	1.5364%
1961	13.314838	0.075104	2.1586%
1960	13.033492	0.076725	-1.6655%
1959	13.254239	0.075448	4.3080%
1958	12.706829	0.078698	2.1130%
1957	12.443895	0.080361	1.9895%
1956	12.201153	0.081959	2.1231%
1955	11.947497	0.083700	1.4496%
1954	11.776779	0.084913	2.1573%
1953	11.528089	0.086745	1.2298%
1952	11.388044	0.087811	1.6814%
1951	11.199734	0.089288	1.6233%
1950	11.020836	0.090737	1.4265%
1949	10.865831	0.092032	1.7790%
1948	10.675902	0.093669	1.8242%
1947	10.484646	0.095378	-2.6320%
1946	10.768065	0.092867	3.1768%
1945	10.436518	0.095817	6.4754%
1944	9.801810	0.102022	-0.3437%
1943	9.835612	0.101671	0.6562%
1942	9.771490	0.102339	0.6633%
1941	9.707102	0.103017	-5.6614%
1940	10.289643	0.097185	8.0381%
1939	9.524087	0.104997	0.8126%
1938	9.447315	0.105850	0.7762%
1937	9.374545	0.106672	0.6029%
1936	9.318367	0.107315	0.5244%
1935	9.269757	0.107878	-3.0364%
1934	9.560035	0.104602	4.6271%
1933	9.137243	0.109442	1.3921%
1932	9.011789	0.110966	-0.2051%
1931	9.030309	0.110738	0.8886%
1930	8.950772	0.111722	1.0126%
1929	8.861046	0.112853	1.1526%
1928	8.760079	0.114154	1.2160%
1927	8.654836	0.115542	1.4086%
1926	8.534618	0.117170	1.7667%
1925	8.386456	0.119240	1.4465%
1924	8.266875	0.120965	1.7700%
1923	8.123099	0.123106	1.6165%
1922	7.993876	0.125096	1.3736%
1921	7.885557	0.126814	2.3393%
1920	7.705306	0.129781	1.3140%
1919	7.605370	0.131486	0.7676%
1918	7.547433	0.132495	0.3870%
1917	7.518338	0.133008	1.3274%
1916	7.419844	0.134774	1.4083%
1915	7.316803	0.136672	1.4458%
1914	7.212524	0.138648	1.9424%
1913	7.075098	0.141341	1.9857%

1912	6.937345	0.144147	1.5634%
1911	6.830556	0.146401	1.8169%
1910	6.708665	0.149061	1.8781%
1909	6.584995	0.151860	2.0082%
1908	6.455356	0.154910	1.9603%
1907	6.331247	0.157947	1.8264%
1906	6.217690	0.160831	1.9357%
1905	6.099622	0.163945	2.0148%
1904	5.979152	0.167248	2.1335%
1903	5.854250	0.170816	1.8151%
1902	5.749881	0.173917	1.8943%
1901	5.642983	0.177211	3.0255%
1900	5.477268	0.182573	0.6278%
1899	5.443094	0.183719	1.7757%
1898	5.348130	0.186981	1.8078%
1897	5.253165	0.190361	1.8396%
1896	5.158274	0.193863	1.8755%
1895	5.063310	0.197499	1.9114%
1894	4.968345	0.201274	1.9486%
1893	4.873381	0.205196	1.9858%
1892	4.778489	0.209271	2.0276%
1891	4.683525	0.213514	2.6465%
1890	4.562770	0.219165	1.5328%
1889	4.493887	0.222524	2.0811%
1888	4.402270	0.227156	2.1599%
1887	4.309198	0.232062	2.2075%
1886	4.216126	0.237185	2.2592%
1885	4.122981	0.242543	2.3095%
1884	4.029908	0.248145	2.3641%
1883	3.936836	0.254011	2.4214%
1882	3.843764	0.260162	2.4815%
1881	3.750691	0.266618	3.7644%
1880	3.614623	0.276654	0.9432%
1879	3.580847	0.279264	2.1464%
1878	3.505603	0.285258	2.1913%
1877	3.430432	0.291508	2.2426%
1876	3.355188	0.298046	2.2941%
1875	3.279945	0.304883	2.3456%
1874	3.204774	0.312035	2.4043%
1873	3.129530	0.319537	2.4635%
1872	3.054286	0.327409	2.5258%
1871	2.979042	0.335678	5.9947%
1870	2.810559	0.355801	-1.0968%
1869	2.841726	0.351899	2.1930%
1868	2.780745	0.359616	2.2394%
1867	2.719837	0.367669	2.2935%
1866	2.658856	0.376102	2.3445%
1865	2.597948	0.384919	2.4037%
1864	2.536967	0.394171	2.4599%
1863	2.476059	0.403868	2.5250%
1862	2.415078	0.414065	2.5872%
1861	2.354170	0.424778	2.9504%
1860	2.286703	0.437311	2.4012%

1859	2.233081	0.447812	2.7627%
1858	2.173046	0.460184	2.8412%
1857	2.113011	0.473258	2.9243%
1856	2.052976	0.487098	3.0161%
1855	1.992869	0.501789	3.1061%
1854	1.932834	0.517375	3.2056%
1853	1.872799	0.533960	3.3118%
1852	1.812764	0.551644	3.4252%
1851	1.752729	0.570539	4.0106%
1850	1.685144	0.593421	2.3254%
1849	1.646849	0.607220	2.7841%
1848	1.602241	0.624126	2.8590%
1847	1.557706	0.641970	2.9432%
1846	1.513171	0.660864	3.0324%
1845	1.468636	0.680904	3.1325%
1844	1.424029	0.702233	3.2284%
1843	1.379494	0.724904	3.3361%
1842	1.334959	0.749087	3.4512%
1841	1.290424	0.774939	3.8105%
1840	1.243057	0.804468	2.3861%
1839	1.214088	0.823663	2.5824%
1838	1.183525	0.844934	2.6573%
1837	1.152889	0.867386	2.7232%
1836	1.122326	0.891007	2.7994%
1835	1.091762	0.915950	2.8871%
1834	1.061126	0.942395	2.9657%
1833	1.030563	0.970343	3.0563%
1832	1.000000	1.000000	3.1604%
1831	0.969364	1.031604	3.4660%
1830	0.936892	1.067359	2.4653%
1829	0.914350	1.093673	2.6804%
1828	0.890482	1.122988	10.3427%
1827	0.807015	1.239134	-4.2314%
1826	0.842672	1.186701	2.9150%
1825	0.818804	1.221294	3.0026%
1824	0.794935	1.257964	3.0955%
1823	0.771067	1.296904	3.1944%
1822	0.747198	1.338333	3.3102%
1821	0.723257	1.382634	3.2277%
1820	0.700642	1.427262	2.6573%
1819	0.682506	1.465188	2.6261%
1818	0.665041	1.503666	2.6969%
1817	0.647577	1.544218	2.7717%
1816	0.630112	1.587019	2.8507%
1815	0.612647	1.632260	2.9343%
1814	0.595183	1.680156	3.0231%
1813	0.577718	1.730948	3.1039%
1812	0.560326	1.784675	3.2172%
1811	0.542861	1.842091	3.0969%
1810	0.526554	1.899139	2.9144%
1809	0.511643	1.954487	2.8225%
1808	0.497599	2.009652	2.9199%
1807	0.483481	2.068332	2.9918%

1806	0.469437	2.130212	3.0841%
1805	0.455392	2.195909	3.1822%
1804	0.441348	2.265787	3.2868%
1803	0.427303	2.340259	3.3985%
1802	0.413259	2.419792	3.5180%
1801	0.399214	2.504922	3.3999%
1800	0.386087	2.590088	2.8419%
1799	0.375418	2.663695	2.7485%
1798	0.365376	2.736905	2.8261%
1797	0.355334	2.814254	3.7832%
1796	0.342381	2.920723	2.1272%
1795	0.335250	2.982852	3.0879%
1794	0.325207	3.074961	3.1625%
1793	0.315238	3.172207	3.2904%
1792	0.305196	3.276586	3.4024%
1791	0.295154	3.388067	3.2296%
1790	0.285920	3.497487	41.3145%
1780	0.202329	4.942454	29.4353%
1770	0.156316	6.397281	83.4728%
1750	0.085199	11.737274	29.2845%
1740	0.065900	15.174470	94.2514%
1720	0.033925	29.476619	85.8111%
1700	0.018258	54.770825	19.2490%
1690	0.015311	65.313688	88.0250%
1670	0.008143	122.806077	

BASE YEAR: 1831

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	22.628207	0.044193	8.2857%
2001	20.896772	0.047854	1.0000%
2000	20.689871	0.048333	1.0000%
1999	20.485021	0.048816	1.0000%
1998	20.282199	0.049304	1.0000%
1997	20.081385	0.049797	1.0000%
1996	19.882559	0.050295	1.0000%
1995	19.685702	0.050798	0.9992%
1994	19.490945	0.051306	1.0008%
1993	19.297816	0.051819	1.0000%
1992	19.106749	0.052338	0.9295%
1991	18.930786	0.052824	1.2505%
1990	18.696977	0.053485	0.7224%
1989	18.562871	0.053871	1.1077%
1988	18.359508	0.054468	0.8834%
1987	18.198746	0.054949	0.5594%
1986	18.097515	0.055256	1.3056%
1985	17.864274	0.055978	0.7673%
1984	17.728249	0.056407	0.8149%
1983	17.584941	0.056867	0.9737%
1982	17.415359	0.057421	0.9508%
1981	17.251332	0.057967	0.9031%
1980	17.096936	0.058490	2.2701%

1979	16.717439	0.059818	1.0042%
1978	16.551235	0.060418	0.9896%
1977	16.389047	0.061016	0.9103%
1976	16.241198	0.061572	0.8394%
1975	16.105998	0.062089	0.9042%
1974	15.961677	0.062650	1.1568%
1973	15.779146	0.063375	0.9427%
1972	15.631784	0.063972	0.7426%
1971	15.516553	0.064447	1.4697%
1970	15.291803	0.065395	0.6968%
1969	15.185985	0.065850	0.8565%
1968	15.057015	0.066414	1.5090%
1967	14.833177	0.067416	0.9949%
1966	14.687054	0.068087	1.0575%
1965	14.533368	0.068807	1.1300%
1964	14.370974	0.069585	1.5537%
1963	14.151115	0.070666	1.4658%
1962	13.946682	0.071702	1.5364%
1961	13.735643	0.072803	2.1586%
1960	13.445405	0.074375	-1.6655%
1959	13.673129	0.073136	4.3080%
1958	13.108419	0.076287	2.1130%
1957	12.837174	0.077899	1.9895%
1956	12.586762	0.079449	2.1231%
1955	12.325088	0.081135	1.4496%
1954	12.148975	0.082311	2.1573%
1953	11.892425	0.084087	1.2298%
1952	11.747954	0.085121	1.6814%
1951	11.553693	0.086552	1.6233%
1950	11.369141	0.087957	1.4265%
1949	11.209237	0.089212	1.7790%
1948	11.013306	0.090799	1.8242%
1947	10.816005	0.092456	-2.6320%
1946	11.108382	0.090022	3.1768%
1945	10.766356	0.092882	6.4754%
1944	10.111588	0.098896	-0.3437%
1943	10.146459	0.098557	0.6562%
1942	10.080310	0.099203	0.6633%
1941	10.013888	0.099861	-5.6614%
1940	10.614839	0.094208	8.0381%
1939	9.825088	0.101780	0.8126%
1938	9.745890	0.102607	0.7762%
1937	9.670821	0.103404	0.6029%
1936	9.612867	0.104027	0.5244%
1935	9.562721	0.104573	-3.0364%
1934	9.862173	0.101398	4.6271%
1933	9.426019	0.106089	1.3921%
1932	9.296599	0.107566	-0.2051%
1931	9.315705	0.107346	0.8886%
1930	9.233654	0.108299	1.0126%
1929	9.141093	0.109396	1.1526%
1928	9.036934	0.110657	1.2160%
1927	8.928365	0.112003	1.4086%

1926	8.804349	0.113580	1.7667%
1925	8.651504	0.115587	1.4465%
1924	8.528144	0.117259	1.7700%
1923	8.379823	0.119334	1.6165%
1922	8.246517	0.121263	1.3736%
1921	8.134774	0.122929	2.3393%
1920	7.948826	0.125805	1.3140%
1919	7.845732	0.127458	0.7676%
1918	7.785964	0.128436	0.3870%
1917	7.755949	0.128933	1.3274%
1916	7.654343	0.130645	1.4083%
1915	7.548044	0.132485	1.4458%
1914	7.440470	0.134400	1.9424%
1913	7.298701	0.137011	1.9857%
1912	7.156595	0.139731	1.5634%
1911	7.046430	0.141916	1.8169%
1910	6.920687	0.144494	1.8781%
1909	6.793109	0.147208	2.0082%
1908	6.659372	0.150164	1.9603%
1907	6.531341	0.153108	1.8264%
1906	6.414196	0.155904	1.9357%
1905	6.292395	0.158922	2.0148%
1904	6.168118	0.162124	2.1335%
1903	6.039269	0.165583	1.8151%
1902	5.931601	0.168589	1.8943%
1901	5.821325	0.171782	3.0255%
1900	5.650373	0.176979	0.6278%
1899	5.615119	0.178091	1.7757%
1898	5.517153	0.181253	1.8078%
1897	5.419188	0.184529	1.8396%
1896	5.321297	0.187924	1.8755%
1895	5.223332	0.191449	1.9114%
1894	5.125366	0.195108	1.9486%
1893	5.027400	0.198910	1.9858%
1892	4.929510	0.202860	2.0276%
1891	4.831544	0.206973	2.6465%
1890	4.706973	0.212451	1.5328%
1889	4.635913	0.215707	2.0811%
1888	4.541401	0.220196	2.1599%
1887	4.445387	0.224952	2.2075%
1886	4.349373	0.229918	2.2592%
1885	4.253284	0.235112	2.3095%
1884	4.157270	0.240542	2.3641%
1883	4.061257	0.246229	2.4214%
1882	3.965243	0.252191	2.4815%
1881	3.869229	0.258449	3.7644%
1880	3.728860	0.268178	0.9432%
1879	3.694017	0.270708	2.1464%
1878	3.616395	0.276518	2.1913%
1877	3.538848	0.282578	2.2426%
1876	3.461227	0.288915	2.2941%
1875	3.383605	0.295543	2.3456%
1874	3.306058	0.302475	2.4043%

1873	3.228436	0.309747	2.4635%
1872	3.150815	0.317378	2.5258%
1871	3.073193	0.325394	5.9947%
1870	2.899384	0.344901	-1.0968%
1869	2.931537	0.341118	2.1930%
1868	2.868628	0.348599	2.2394%
1867	2.805795	0.356405	2.2935%
1866	2.742887	0.364579	2.3445%
1865	2.680054	0.373127	2.4037%
1864	2.617146	0.382096	2.4599%
1863	2.554313	0.391495	2.5250%
1862	2.491405	0.401380	2.5872%
1861	2.428571	0.411765	2.9504%
1860	2.358972	0.423913	2.4012%
1859	2.303656	0.434093	2.7627%
1858	2.241724	0.446085	2.8412%
1857	2.179791	0.458760	2.9243%
1856	2.117859	0.472175	3.0161%
1855	2.055852	0.486416	3.1061%
1854	1.993919	0.501525	3.2056%
1853	1.931987	0.517602	3.3118%
1852	1.870055	0.534744	3.4252%
1851	1.808123	0.553060	4.0106%
1850	1.738402	0.575241	2.3254%
1849	1.698896	0.588617	2.7841%
1848	1.652879	0.605005	2.8590%
1847	1.606936	0.622302	2.9432%
1846	1.560994	0.640617	3.0324%
1845	1.515051	0.660044	3.1325%
1844	1.469034	0.680720	3.2284%
1843	1.423091	0.702696	3.3361%
1842	1.377149	0.726138	3.4512%
1841	1.331206	0.751198	3.8105%
1840	1.282343	0.779823	2.3861%
1839	1.252459	0.798430	2.5824%
1838	1.220929	0.819048	2.6573%
1837	1.189325	0.840813	2.7232%
1836	1.157796	0.863710	2.7994%
1835	1.126267	0.887889	2.8871%
1834	1.094663	0.913524	2.9657%
1833	1.063133	0.940616	3.0563%
1832	1.031604	0.969364	3.1604%
1831	1.000000	1.000000	3.4660%
1830	0.966501	1.034660	2.4653%
1829	0.943248	1.060167	2.6804%
1828	0.918625	1.088584	10.3427%
1827	0.832520	1.201172	-4.2314%
1826	0.869304	1.150345	2.9150%
1825	0.844681	1.183878	3.0026%
1824	0.820059	1.219425	3.0955%
1823	0.795436	1.257173	3.1944%
1822	0.770813	1.297332	3.3102%
1821	0.746115	1.340276	3.2277%

1820	0.722786	1.383536	2.6573%
1819	0.704076	1.420301	2.6261%
1818	0.686060	1.457599	2.6969%
1817	0.668043	1.496910	2.7717%
1816	0.650026	1.538399	2.8507%
1815	0.632010	1.582254	2.9343%
1814	0.613993	1.628683	3.0231%
1813	0.595976	1.677919	3.1039%
1812	0.578035	1.730000	3.2172%
1811	0.560018	1.785657	3.0969%
1810	0.543196	1.840957	2.9144%
1809	0.527813	1.894610	2.8225%
1808	0.513325	1.948084	2.9199%
1807	0.498761	2.004967	2.9918%
1806	0.484273	2.064951	3.0841%
1805	0.469785	2.128635	3.1822%
1804	0.455296	2.196373	3.2868%
1803	0.440808	2.268563	3.3985%
1802	0.426319	2.345659	3.5180%
1801	0.411831	2.428181	3.3999%
1800	0.398289	2.510738	2.8419%
1799	0.387283	2.582090	2.7485%
1798	0.376924	2.653057	2.8261%
1797	0.366564	2.728036	3.7832%
1796	0.353202	2.831243	2.1272%
1795	0.345845	2.891470	3.0879%
1794	0.335485	2.980756	3.1625%
1793	0.325201	3.075023	3.2904%
1792	0.314841	3.176204	3.4024%
1791	0.304482	3.284270	3.2296%
1790	0.294956	3.390338	41.3145%
1780	0.208723	4.791037	29.4353%
1770	0.161257	6.201294	83.4728%
1750	0.087891	11.377690	29.2845%
1740	0.067983	14.709585	94.2514%
1720	0.034997	28.573574	85.8111%
1700	0.018835	53.092866	19.2490%
1690	0.015795	63.312738	88.0250%
1670	0.008400	119.043789	

BASE YEAR: 1830

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	23.412493	0.042712	8.2857%
2001	21.621047	0.046251	1.0000%
2000	21.406975	0.046714	1.0000%
1999	21.195025	0.047181	1.0000%
1998	20.985173	0.047653	1.0000%
1997	20.777399	0.048129	1.0000%
1996	20.571682	0.048611	1.0000%
1995	20.368002	0.049097	0.9992%
1994	20.166494	0.049587	1.0008%

1993	19.966672	0.050083	1.0000%
1992	19.768982	0.050584	0.9295%
1991	19.586921	0.051054	1.2505%
1990	19.345008	0.051693	0.7224%
1989	19.206253	0.052066	1.1077%
1988	18.995842	0.052643	0.8834%
1987	18.829509	0.053108	0.5594%
1986	18.724769	0.053405	1.3056%
1985	18.483444	0.054102	0.7673%
1984	18.342704	0.054518	0.8149%
1983	18.194429	0.054962	0.9737%
1982	18.018970	0.055497	0.9508%
1981	17.849258	0.056025	0.9031%
1980	17.689510	0.056531	2.2701%
1979	17.296859	0.057814	1.0042%
1978	17.124895	0.058395	0.9896%
1977	16.957086	0.058972	0.9103%
1976	16.804113	0.059509	0.8394%
1975	16.664226	0.060009	0.9042%
1974	16.514903	0.060551	1.1568%
1973	16.326046	0.061252	0.9427%
1972	16.173577	0.061829	0.7426%
1971	16.054351	0.062288	1.4697%
1970	15.821812	0.063204	0.6968%
1969	15.712326	0.063644	0.8565%
1968	15.578886	0.064189	1.5090%
1967	15.347290	0.065158	0.9949%
1966	15.196103	0.065806	1.0575%
1965	15.037090	0.066502	1.1300%
1964	14.869068	0.067254	1.5537%
1963	14.641588	0.068299	1.4658%
1962	14.430069	0.069300	1.5364%
1961	14.211716	0.070364	2.1586%
1960	13.911418	0.071883	-1.6655%
1959	14.147035	0.070686	4.3080%
1958	13.562752	0.073731	2.1130%
1957	13.282107	0.075289	1.9895%
1956	13.023014	0.076787	2.1231%
1955	12.752272	0.078417	1.4496%
1954	12.570055	0.079554	2.1573%
1953	12.304613	0.081270	1.2298%
1952	12.155134	0.082270	1.6814%
1951	11.954141	0.083653	1.6233%
1950	11.763192	0.085011	1.4265%
1949	11.597746	0.086224	1.7790%
1948	11.395024	0.087758	1.8242%
1947	11.190884	0.089358	-2.6320%
1946	11.493394	0.087006	3.1768%
1945	11.139514	0.089771	6.4754%
1944	10.462053	0.095584	-0.3437%
1943	10.498132	0.095255	0.6562%
1942	10.429690	0.095880	0.6633%
1941	10.360966	0.096516	-5.6614%

1940	10.982746	0.091052	8.0381%
1939	10.165622	0.098371	0.8126%
1938	10.083679	0.099170	0.7762%
1937	10.006008	0.099940	0.6029%
1936	9.946046	0.100542	0.5244%
1935	9.894161	0.101070	-3.0364%
1934	10.203992	0.098001	4.6271%
1933	9.752722	0.102535	1.3921%
1932	9.618816	0.103963	-0.2051%
1931	9.638584	0.103750	0.8886%
1930	9.553690	0.104672	1.0126%
1929	9.457920	0.105731	1.1526%
1928	9.350151	0.106950	1.2160%
1927	9.237819	0.108251	1.4086%
1926	9.109504	0.109775	1.7667%
1925	8.951362	0.111715	1.4465%
1924	8.823726	0.113331	1.7700%
1923	8.670265	0.115337	1.6165%
1922	8.532338	0.117201	1.3736%
1921	8.416722	0.118811	2.3393%
1920	8.224330	0.121590	1.3140%
1919	8.117663	0.123188	0.7676%
1918	8.055823	0.124134	0.3870%
1917	8.024768	0.124614	1.3274%
1916	7.919640	0.126268	1.4083%
1915	7.809657	0.128047	1.4458%
1914	7.698354	0.129898	1.9424%
1913	7.551672	0.132421	1.9857%
1912	7.404640	0.135050	1.5634%
1911	7.290657	0.137162	1.8169%
1910	7.160556	0.139654	1.8781%
1909	7.028555	0.142277	2.0082%
1908	6.890184	0.145134	1.9603%
1907	6.757716	0.147979	1.8264%
1906	6.636509	0.150682	1.9357%
1905	6.510488	0.153598	2.0148%
1904	6.381903	0.156693	2.1335%
1903	6.248588	0.160036	1.8151%
1902	6.137188	0.162941	1.8943%
1901	6.023090	0.166028	3.0255%
1900	5.846213	0.171051	0.6278%
1899	5.809737	0.172125	1.7757%
1898	5.708376	0.175181	1.8078%
1897	5.607015	0.178348	1.8396%
1896	5.505732	0.181629	1.8755%
1895	5.404370	0.185035	1.9114%
1894	5.303009	0.188572	1.9486%
1893	5.201648	0.192247	1.9858%
1892	5.100365	0.196064	2.0276%
1891	4.999004	0.200040	2.6465%
1890	4.870115	0.205334	1.5328%
1889	4.796592	0.208481	2.0811%
1888	4.698804	0.212820	2.1599%

1887	4.599463	0.217417	2.2075%
1886	4.500121	0.222216	2.2592%
1885	4.400702	0.227236	2.3095%
1884	4.301360	0.232485	2.3641%
1883	4.202018	0.237981	2.4214%
1882	4.102677	0.243743	2.4815%
1881	4.003335	0.249792	3.7644%
1880	3.858101	0.259195	0.9432%
1879	3.822050	0.261640	2.1464%
1878	3.741738	0.267255	2.1913%
1877	3.661504	0.273112	2.2426%
1876	3.581192	0.279237	2.2941%
1875	3.500879	0.285643	2.3456%
1874	3.420645	0.292343	2.4043%
1873	3.340333	0.299371	2.4635%
1872	3.260021	0.306747	2.5258%
1871	3.179709	0.314494	5.9947%
1870	2.999876	0.333347	-1.0968%
1869	3.033143	0.329691	2.1930%
1868	2.968054	0.336921	2.2394%
1867	2.903043	0.344466	2.2935%
1866	2.837955	0.352366	2.3445%
1865	2.772944	0.360628	2.4037%
1864	2.707855	0.369296	2.4599%
1863	2.642844	0.378380	2.5250%
1862	2.577756	0.387934	2.5872%
1861	2.512745	0.397971	2.9504%
1860	2.440733	0.409713	2.4012%
1859	2.383500	0.419551	2.7627%
1858	2.319421	0.431142	2.8412%
1857	2.255342	0.443392	2.9243%
1856	2.191263	0.456358	3.0161%
1855	2.127107	0.470122	3.1061%
1854	2.063028	0.484724	3.2056%
1853	1.998949	0.500263	3.3118%
1852	1.934870	0.516831	3.4252%
1851	1.870791	0.534533	4.0106%
1850	1.798654	0.555971	2.3254%
1849	1.757780	0.568900	2.7841%
1848	1.710167	0.584738	2.8590%
1847	1.662632	0.601456	2.9432%
1846	1.615097	0.619158	3.0324%
1845	1.567563	0.637933	3.1325%
1844	1.519950	0.657916	3.2284%
1843	1.472415	0.679156	3.3361%
1842	1.424880	0.701813	3.4512%
1841	1.377346	0.726034	3.8105%
1840	1.326788	0.753700	2.3861%
1839	1.295868	0.771683	2.5824%
1838	1.263246	0.791611	2.6573%
1837	1.230547	0.812647	2.7232%
1836	1.197925	0.834777	2.7994%
1835	1.165303	0.858146	2.8871%

1834	1.132603	0.882922	2.9657%
1833	1.099981	0.909106	3.0563%
1832	1.067359	0.936892	3.1604%
1831	1.034660	0.966501	3.4660%
1830	1.000000	1.000000	2.4653%
1829	0.975940	1.024653	2.6804%
1828	0.950464	1.052118	10.3427%
1827	0.861375	1.160935	-4.2314%
1826	0.899434	1.111810	2.9150%
1825	0.873958	1.144220	3.0026%
1824	0.848482	1.178576	3.0955%
1823	0.823005	1.215059	3.1944%
1822	0.797529	1.253873	3.3102%
1821	0.771975	1.295378	3.2277%
1820	0.747837	1.337190	2.6573%
1819	0.728479	1.372723	2.6261%
1818	0.709838	1.408772	2.6969%
1817	0.691197	1.446765	2.7717%
1816	0.672556	1.486865	2.8507%
1815	0.653915	1.529251	2.9343%
1814	0.635274	1.574125	3.0231%
1813	0.616633	1.621711	3.1039%
1812	0.598069	1.672047	3.2172%
1811	0.579428	1.725840	3.0969%
1810	0.562023	1.779288	2.9144%
1809	0.546107	1.831143	2.8225%
1808	0.531116	1.882826	2.9199%
1807	0.516048	1.937803	2.9918%
1806	0.501058	1.995778	3.0841%
1805	0.486067	2.057329	3.1822%
1804	0.471077	2.122797	3.2868%
1803	0.456086	2.192569	3.3985%
1802	0.441095	2.267083	3.5180%
1801	0.426105	2.346840	3.3999%
1800	0.412094	2.426631	2.8419%
1799	0.400706	2.495593	2.7485%
1798	0.389988	2.564183	2.8261%
1797	0.379269	2.636651	3.7832%
1796	0.365444	2.736401	2.1272%
1795	0.357832	2.794609	3.0879%
1794	0.347113	2.880905	3.1625%
1793	0.336472	2.972014	3.2904%
1792	0.325754	3.069806	3.4024%
1791	0.315035	3.174252	3.2296%
1790	0.305179	3.276766	41.3145%
1780	0.215957	4.630544	29.4353%
1770	0.166846	5.993559	83.4728%
1750	0.090938	10.996554	29.2845%
1740	0.070339	14.216834	94.2514%
1720	0.036210	27.616399	85.8111%
1700	0.019488	51.314328	19.2490%
1690	0.016342	61.191849	88.0250%
1670	0.008691	115.055987	

BASE YEAR: 1829

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	23.989682	0.041685	8.2857%
2001	22.154071	0.045138	1.0000%
2000	21.934721	0.045590	1.0000%
1999	21.717546	0.046046	1.0000%
1998	21.502520	0.046506	1.0000%
1997	21.289624	0.046971	1.0000%
1996	21.078836	0.047441	1.0000%
1995	20.870135	0.047915	0.9992%
1994	20.663659	0.048394	1.0008%
1993	20.458910	0.048878	1.0000%
1992	20.256347	0.049367	0.9295%
1991	20.069797	0.049826	1.2505%
1990	19.821921	0.050449	0.7224%
1989	19.679745	0.050814	1.1077%
1988	19.464146	0.051377	0.8834%
1987	19.293713	0.051830	0.5594%
1986	19.186391	0.052120	1.3056%
1985	18.939117	0.052801	0.7673%
1984	18.794906	0.053206	0.8149%
1983	18.642977	0.053640	0.9737%
1982	18.463191	0.054162	0.9508%
1981	18.289296	0.054677	0.9031%
1980	18.125609	0.055171	2.2701%
1979	17.723279	0.056423	1.0042%
1978	17.547075	0.056990	0.9896%
1977	17.375129	0.057554	0.9103%
1976	17.218384	0.058077	0.8394%
1975	17.075050	0.058565	0.9042%
1974	16.922045	0.059095	1.1568%
1973	16.728532	0.059778	0.9427%
1972	16.572304	0.060342	0.7426%
1971	16.450139	0.060790	1.4697%
1970	16.211867	0.061683	0.6968%
1969	16.099682	0.062113	0.8565%
1968	15.962953	0.062645	1.5090%
1967	15.725647	0.063590	0.9949%
1966	15.570732	0.064223	1.0575%
1965	15.407799	0.064902	1.1300%
1964	15.235635	0.065636	1.5537%
1963	15.002547	0.066655	1.4658%
1962	14.785814	0.067632	1.5364%
1961	14.562077	0.068672	2.1586%
1960	14.254377	0.070154	-1.6655%
1959	14.495802	0.068985	4.3080%
1958	13.897115	0.071957	2.1130%
1957	13.609550	0.073478	1.9895%
1956	13.344071	0.074940	2.1231%
1955	13.066653	0.076531	1.4496%

1954	12.879944	0.077640	2.1573%
1953	12.607959	0.079315	1.2298%
1952	12.454795	0.080290	1.6814%
1951	12.248846	0.081640	1.6233%
1950	12.053190	0.082966	1.4265%
1949	11.883665	0.084149	1.7790%
1948	11.675945	0.085646	1.8242%
1947	11.466773	0.087208	-2.6320%
1946	11.776741	0.084913	3.1768%
1945	11.414136	0.087611	6.4754%
1944	10.719974	0.093284	-0.3437%
1943	10.756943	0.092963	0.6562%
1942	10.686813	0.093573	0.6633%
1941	10.616395	0.094194	-5.6614%
1940	11.253504	0.088861	8.0381%
1939	10.416236	0.096004	0.8126%
1938	10.332272	0.096784	0.7762%
1937	10.252686	0.097535	0.6029%
1936	10.191246	0.098123	0.5244%
1935	10.138082	0.098638	-3.0364%
1934	10.455551	0.095643	4.6271%
1933	9.993156	0.100068	1.3921%
1932	9.855949	0.101462	-0.2051%
1931	9.876204	0.101253	0.8886%
1930	9.789217	0.102153	1.0126%
1929	9.691086	0.103188	1.1526%
1928	9.580661	0.104377	1.2160%
1927	9.465559	0.105646	1.4086%
1926	9.334081	0.107134	1.7667%
1925	9.172040	0.109027	1.4465%
1924	9.041258	0.110604	1.7700%
1923	8.884013	0.112562	1.6165%
1922	8.742686	0.114381	1.3736%
1921	8.624220	0.115953	2.3393%
1920	8.427084	0.118665	1.3140%
1919	8.317788	0.120224	0.7676%
1918	8.254423	0.121147	0.3870%
1917	8.222602	0.121616	1.3274%
1916	8.114883	0.123230	1.4083%
1915	8.002189	0.124966	1.4458%
1914	7.888142	0.126773	1.9424%
1913	7.737843	0.129235	1.9857%
1912	7.587187	0.131801	1.5634%
1911	7.470394	0.133862	1.8169%
1910	7.337085	0.136294	1.8781%
1909	7.201830	0.138854	2.0082%
1908	7.060048	0.141642	1.9603%
1907	6.924314	0.144419	1.8264%
1906	6.800119	0.147056	1.9357%
1905	6.670991	0.149903	2.0148%
1904	6.539236	0.152923	2.1335%
1903	6.402634	0.156186	1.8151%
1902	6.288489	0.159021	1.8943%

1901	6.171577	0.162033	3.0255%
1900	5.990340	0.166935	0.6278%
1899	5.952965	0.167984	1.7757%
1898	5.849105	0.170966	1.8078%
1897	5.745245	0.174057	1.8396%
1896	5.641464	0.177259	1.8755%
1895	5.537604	0.180584	1.9114%
1894	5.433745	0.184035	1.9486%
1893	5.329885	0.187621	1.9858%
1892	5.226104	0.191347	2.0276%
1891	5.122244	0.195227	2.6465%
1890	4.990178	0.200394	1.5328%
1889	4.914843	0.203465	2.0811%
1888	4.814644	0.207700	2.1599%
1887	4.712853	0.212186	2.2075%
1886	4.611062	0.216870	2.2592%
1885	4.509192	0.221769	2.3095%
1884	4.407402	0.226891	2.3641%
1883	4.305611	0.232255	2.4214%
1882	4.203820	0.237879	2.4815%
1881	4.102029	0.243782	3.7644%
1880	3.953215	0.252959	0.9432%
1879	3.916275	0.255345	2.1464%
1878	3.833983	0.260825	2.1913%
1877	3.751771	0.266541	2.2426%
1876	3.669479	0.272518	2.2941%
1875	3.587187	0.278770	2.3456%
1874	3.504974	0.285309	2.4043%
1873	3.422682	0.292169	2.4635%
1872	3.340390	0.299366	2.5258%
1871	3.258098	0.306928	5.9947%
1870	3.073832	0.325327	-1.0968%
1869	3.107919	0.321759	2.1930%
1868	3.041226	0.328815	2.2394%
1867	2.974612	0.336178	2.2935%
1866	2.907919	0.343889	2.3445%
1865	2.841305	0.351951	2.4037%
1864	2.774612	0.360411	2.4599%
1863	2.707998	0.369276	2.5250%
1862	2.641305	0.378601	2.5872%
1861	2.574692	0.388396	2.9504%
1860	2.500905	0.399855	2.4012%
1859	2.442260	0.409457	2.7627%
1858	2.376602	0.420769	2.8412%
1857	2.310943	0.432724	2.9243%
1856	2.245285	0.445378	3.0161%
1855	2.179546	0.458811	3.1061%
1854	2.113888	0.473062	3.2056%
1853	2.048229	0.488227	3.3118%
1852	1.982571	0.504396	3.4252%
1851	1.916912	0.521672	4.0106%
1850	1.842997	0.542595	2.3254%
1849	1.801114	0.555212	2.7841%

1848	1.752328	0.570669	2.8590%
1847	1.703621	0.586985	2.9432%
1846	1.654914	0.604261	3.0324%
1845	1.606208	0.622584	3.1325%
1844	1.557421	0.642087	3.2284%
1843	1.508715	0.662816	3.3361%
1842	1.460008	0.684928	3.4512%
1841	1.411301	0.708566	3.8105%
1840	1.359498	0.735566	2.3861%
1839	1.327815	0.753117	2.5824%
1838	1.294389	0.772565	2.6573%
1837	1.260883	0.793095	2.7232%
1836	1.227457	0.814692	2.7994%
1835	1.194031	0.837499	2.8871%
1834	1.160525	0.861679	2.9657%
1833	1.127099	0.887233	3.0563%
1832	1.093673	0.914350	3.1604%
1831	1.060167	0.943248	3.4660%
1830	1.024653	0.975940	2.4653%
1829	1.000000	1.000000	2.6804%
1828	0.973896	1.026804	10.3427%
1827	0.882610	1.133003	-4.2314%
1826	0.921608	1.085060	2.9150%
1825	0.895503	1.116690	3.0026%
1824	0.869399	1.150220	3.0955%
1823	0.843295	1.185825	3.1944%
1822	0.817191	1.223705	3.3102%
1821	0.791007	1.264212	3.2277%
1820	0.766273	1.305017	2.6573%
1819	0.746439	1.339695	2.6261%
1818	0.727338	1.374877	2.6969%
1817	0.708237	1.411956	2.7717%
1816	0.689136	1.451091	2.8507%
1815	0.670036	1.492458	2.9343%
1814	0.650935	1.536251	3.0231%
1813	0.631834	1.582693	3.1039%
1812	0.612813	1.631818	3.2172%
1811	0.593713	1.684316	3.0969%
1810	0.575878	1.736478	2.9144%
1809	0.559570	1.787086	2.8225%
1808	0.544210	1.837526	2.9199%
1807	0.528770	1.891180	2.9918%
1806	0.513410	1.947760	3.0841%
1805	0.498050	2.007830	3.1822%
1804	0.482690	2.071723	3.2868%
1803	0.467330	2.139816	3.3985%
1802	0.451970	2.212537	3.5180%
1801	0.436610	2.290376	3.3999%
1800	0.422253	2.368247	2.8419%
1799	0.410585	2.435550	2.7485%
1798	0.399602	2.502490	2.8261%
1797	0.388619	2.573213	3.7832%
1796	0.374453	2.670563	2.1272%

1795	0.366653	2.727371	3.0879%
1794	0.355671	2.811591	3.1625%
1793	0.344767	2.900508	3.2904%
1792	0.333784	2.995947	3.4024%
1791	0.322801	3.097880	3.2296%
1790	0.312703	3.197928	41.3145%
1780	0.221281	4.519134	29.4353%
1770	0.170959	5.849355	83.4728%
1750	0.093179	10.731978	29.2845%
1740	0.072073	13.874779	94.2514%
1720	0.037103	26.951952	85.8111%
1700	0.019968	50.079713	19.2490%
1690	0.016745	59.719582	88.0250%
1670	0.008906	112.287757	

BASE YEAR: 1828

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	24.632700	0.040596	8.2857%
2001	22.747887	0.043960	1.0000%
2000	22.522658	0.044400	1.0000%
1999	22.299662	0.044844	1.0000%
1998	22.078873	0.045292	1.0000%
1997	21.860270	0.045745	1.0000%
1996	21.643832	0.046203	1.0000%
1995	21.429537	0.046665	0.9992%
1994	21.217527	0.047131	1.0008%
1993	21.007290	0.047603	1.0000%
1992	20.799297	0.048079	0.9295%
1991	20.607747	0.048525	1.2505%
1990	20.353227	0.049132	0.7224%
1989	20.207240	0.049487	1.1077%
1988	19.985863	0.050035	0.8834%
1987	19.810861	0.050477	0.5594%
1986	19.700662	0.050760	1.3056%
1985	19.446760	0.051422	0.7673%
1984	19.298684	0.051817	0.8149%
1983	19.142682	0.052239	0.9737%
1982	18.958078	0.052748	0.9508%
1981	18.779521	0.053249	0.9031%
1980	18.611447	0.053730	2.2701%
1979	18.198333	0.054950	1.0042%
1978	18.017406	0.055502	0.9896%
1977	17.840852	0.056051	0.9103%
1976	17.679905	0.056561	0.8394%
1975	17.532729	0.057036	0.9042%
1974	17.375623	0.057552	1.1568%
1973	17.176922	0.058218	0.9427%
1972	17.016507	0.058766	0.7426%
1971	16.891068	0.059203	1.4697%
1970	16.646410	0.060073	0.6968%
1969	16.531217	0.060492	0.8565%

1968	16.390823	0.061010	1.5090%
1967	16.147156	0.061930	0.9949%
1966	15.988089	0.062547	1.0575%
1965	15.820789	0.063208	1.1300%
1964	15.644010	0.063922	1.5537%
1963	15.404674	0.064915	1.4658%
1962	15.182132	0.065867	1.5364%
1961	14.952398	0.066879	2.1586%
1960	14.636450	0.068323	-1.6655%
1959	14.884347	0.067185	4.3080%
1958	14.269613	0.070079	2.1130%
1957	13.974340	0.071560	1.9895%
1956	13.701745	0.072983	2.1231%
1955	13.416891	0.074533	1.4496%
1954	13.225178	0.075613	2.1573%
1953	12.945902	0.077245	1.2298%
1952	12.788633	0.078194	1.6814%
1951	12.577164	0.079509	1.6233%
1950	12.376263	0.080800	1.4265%
1949	12.202194	0.081952	1.7790%
1948	11.988907	0.083410	1.8242%
1947	11.774128	0.084932	-2.6320%
1946	12.092404	0.082697	3.1768%
1945	11.720080	0.085324	6.4754%
1944	11.007311	0.090849	-0.3437%
1943	11.045271	0.090536	0.6562%
1942	10.973262	0.091131	0.6633%
1941	10.900956	0.091735	-5.6614%
1940	11.555142	0.086542	8.0381%
1939	10.695432	0.093498	0.8126%
1938	10.609218	0.094258	0.7762%
1937	10.527499	0.094989	0.6029%
1936	10.464411	0.095562	0.5244%
1935	10.409823	0.096063	-3.0364%
1934	10.735801	0.093146	4.6271%
1933	10.261012	0.097456	1.3921%
1932	10.120127	0.098813	-0.2051%
1931	10.140925	0.098610	0.8886%
1930	10.051607	0.099487	1.0126%
1929	9.950846	0.100494	1.1526%
1928	9.837460	0.101652	1.2160%
1927	9.719274	0.102888	1.4086%
1926	9.584271	0.104338	1.7667%
1925	9.417887	0.106181	1.4465%
1924	9.283599	0.107717	1.7700%
1923	9.122140	0.109623	1.6165%
1922	8.977024	0.111395	1.3736%
1921	8.855383	0.112926	2.3393%
1920	8.652963	0.115567	1.3140%
1919	8.540737	0.117086	0.7676%
1918	8.475674	0.117985	0.3870%
1917	8.443001	0.118441	1.3274%
1916	8.332394	0.120014	1.4083%

1915	8.216679	0.121704	1.4458%
1914	8.099575	0.123463	1.9424%
1913	7.945248	0.125861	1.9857%
1912	7.790553	0.128361	1.5634%
1911	7.670630	0.130367	1.8169%
1910	7.533748	0.132736	1.8781%
1909	7.394868	0.135229	2.0082%
1908	7.249285	0.137945	1.9603%
1907	7.109913	0.140649	1.8264%
1906	6.982389	0.143217	1.9357%
1905	6.849800	0.145990	2.0148%
1904	6.714513	0.148931	2.1335%
1903	6.574250	0.152109	1.8151%
1902	6.457045	0.154870	1.8943%
1901	6.337000	0.157803	3.0255%
1900	6.150904	0.162578	0.6278%
1899	6.112528	0.163598	1.7757%
1898	6.005884	0.166503	1.8078%
1897	5.899240	0.169513	1.8396%
1896	5.792678	0.172632	1.8755%
1895	5.686034	0.175870	1.9114%
1894	5.579390	0.179231	1.9486%
1893	5.472747	0.182724	1.9858%
1892	5.366185	0.186352	2.0276%
1891	5.259541	0.190131	2.6465%
1890	5.123935	0.195163	1.5328%
1889	5.046580	0.198154	2.0811%
1888	4.943695	0.202278	2.1599%
1887	4.839176	0.206647	2.2075%
1886	4.734657	0.211209	2.2592%
1885	4.630056	0.215980	2.3095%
1884	4.525537	0.220968	2.3641%
1883	4.421018	0.226192	2.4214%
1882	4.316499	0.231669	2.4815%
1881	4.211980	0.237418	3.7644%
1880	4.059177	0.246355	0.9432%
1879	4.021247	0.248679	2.1464%
1878	3.936749	0.254017	2.1913%
1877	3.852333	0.259583	2.2426%
1876	3.767835	0.265404	2.2941%
1875	3.683337	0.271493	2.3456%
1874	3.598921	0.277861	2.4043%
1873	3.514423	0.284542	2.4635%
1872	3.429926	0.291552	2.5258%
1871	3.345428	0.298915	5.9947%
1870	3.156223	0.316834	-1.0968%
1869	3.191223	0.313359	2.1930%
1868	3.122743	0.320231	2.2394%
1867	3.054343	0.327403	2.2935%
1866	2.985863	0.334912	2.3445%
1865	2.917463	0.342764	2.4037%
1864	2.848983	0.351002	2.4599%
1863	2.780583	0.359637	2.5250%

1862	2.712103	0.368718	2.5872%
1861	2.643704	0.378257	2.9504%
1860	2.567939	0.389417	2.4012%
1859	2.507722	0.398768	2.7627%
1858	2.440304	0.409785	2.8412%
1857	2.372886	0.421428	2.9243%
1856	2.305467	0.433752	3.0161%
1855	2.237967	0.446834	3.1061%
1854	2.170548	0.460713	3.2056%
1853	2.103130	0.475482	3.3118%
1852	2.035711	0.491229	3.4252%
1851	1.968293	0.508054	4.0106%
1850	1.892396	0.528431	2.3254%
1849	1.849391	0.540718	2.7841%
1848	1.799297	0.555773	2.8590%
1847	1.749285	0.571662	2.9432%
1846	1.699273	0.588487	3.0324%
1845	1.649260	0.606332	3.1325%
1844	1.599166	0.625326	3.2284%
1843	1.549154	0.645514	3.3361%
1842	1.499142	0.667048	3.4512%
1841	1.449130	0.690069	3.8105%
1840	1.395938	0.716364	2.3861%
1839	1.363406	0.733457	2.5824%
1838	1.329084	0.752398	2.6573%
1837	1.294680	0.772392	2.7232%
1836	1.260358	0.793425	2.7994%
1835	1.226036	0.815637	2.8871%
1834	1.191632	0.839185	2.9657%
1833	1.157310	0.864073	3.0563%
1832	1.122988	0.890482	3.1604%
1831	1.088584	0.918625	3.4660%
1830	1.052118	0.950464	2.4653%
1829	1.026804	0.973896	2.6804%
1828	1.000000	1.000000	10.3427%
1827	0.906268	1.103427	-4.2314%
1826	0.946310	1.056736	2.9150%
1825	0.919506	1.087540	3.0026%
1824	0.892702	1.120194	3.0955%
1823	0.865899	1.154870	3.1944%
1822	0.839095	1.191761	3.3102%
1821	0.812209	1.231210	3.2277%
1820	0.786813	1.270951	2.6573%
1819	0.766446	1.304723	2.6261%
1818	0.746833	1.338987	2.6969%
1817	0.727221	1.375098	2.7717%
1816	0.707608	1.413212	2.8507%
1815	0.687995	1.453498	2.9343%
1814	0.668383	1.496149	3.0231%
1813	0.648770	1.541378	3.1039%
1812	0.629239	1.589221	3.2172%
1811	0.609627	1.640349	3.0969%
1810	0.591314	1.691149	2.9144%

1809	0.574569	1.740435	2.8225%
1808	0.558797	1.789558	2.9199%
1807	0.542944	1.841812	2.9918%
1806	0.527172	1.896915	3.0841%
1805	0.511400	1.955417	3.1822%
1804	0.495628	2.017642	3.2868%
1803	0.479856	2.083958	3.3985%
1802	0.464084	2.154781	3.5180%
1801	0.448312	2.230587	3.3999%
1800	0.433571	2.306426	2.8419%
1799	0.421590	2.371971	2.7485%
1798	0.410313	2.437164	2.8261%
1797	0.399036	2.506041	3.7832%
1796	0.384490	2.600850	2.1272%
1795	0.376481	2.656175	3.0879%
1794	0.365204	2.738196	3.1625%
1793	0.354008	2.824792	3.2904%
1792	0.342731	2.917740	3.4024%
1791	0.331454	3.017012	3.2296%
1790	0.321084	3.114448	41.3145%
1780	0.227213	4.401165	29.4353%
1770	0.175541	5.696662	83.4728%
1750	0.095677	10.451828	29.2845%
1740	0.074005	13.512588	94.2514%
1720	0.038098	26.248391	85.8111%
1700	0.020503	48.772419	19.2490%
1690	0.017194	58.160646	88.0250%
1670	0.009144	109.356568	

BASE YEAR: 1827

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	27.180374	0.036791	8.2857%
2001	25.100622	0.039840	1.0000%
2000	24.852098	0.040238	1.0000%
1999	24.606038	0.040640	1.0000%
1998	24.362414	0.041047	1.0000%
1997	24.121202	0.041457	1.0000%
1996	23.882378	0.041872	1.0000%
1995	23.645919	0.042291	0.9992%
1994	23.411981	0.042713	1.0008%
1993	23.180001	0.043141	1.0000%
1992	22.950496	0.043572	0.9295%
1991	22.739134	0.043977	1.2505%
1990	22.458290	0.044527	0.7224%
1989	22.297205	0.044849	1.1077%
1988	22.052931	0.045345	0.8834%
1987	21.859829	0.045746	0.5594%
1986	21.738233	0.046002	1.3056%
1985	21.458070	0.046603	0.7673%
1984	21.294680	0.046960	0.8149%
1983	21.122543	0.047343	0.9737%

1982	20.918846	0.047804	0.9508%
1981	20.721821	0.048258	0.9031%
1980	20.536365	0.048694	2.2701%
1979	20.080523	0.049799	1.0042%
1978	19.880884	0.050300	0.9896%
1977	19.686069	0.050797	0.9103%
1976	19.508476	0.051260	0.8394%
1975	19.346078	0.051690	0.9042%
1974	19.172723	0.052157	1.1568%
1973	18.953472	0.052761	0.9427%
1972	18.776465	0.053258	0.7426%
1971	18.638052	0.053654	1.4697%
1970	18.368090	0.054442	0.6968%
1969	18.240983	0.054822	0.8565%
1968	18.086069	0.055291	1.5090%
1967	17.817200	0.056126	0.9949%
1966	17.641682	0.056684	1.0575%
1965	17.457078	0.057283	1.1300%
1964	17.262015	0.057931	1.5537%
1963	16.997926	0.058831	1.4658%
1962	16.752367	0.059693	1.5364%
1961	16.498873	0.060610	2.1586%
1960	16.150247	0.061919	-1.6655%
1959	16.423783	0.060887	4.3080%
1958	15.745469	0.063510	2.1130%
1957	15.419657	0.064852	1.9895%
1956	15.118868	0.066143	2.1231%
1955	14.804554	0.067547	1.4496%
1954	14.593012	0.068526	2.1573%
1953	14.284851	0.070004	1.2298%
1952	14.111317	0.070865	1.6814%
1951	13.877976	0.072057	1.6233%
1950	13.656297	0.073226	1.4265%
1949	13.464225	0.074271	1.7790%
1948	13.228877	0.075592	1.8242%
1947	12.991885	0.076971	-2.6320%
1946	13.343079	0.074945	3.1768%
1945	12.932248	0.077326	6.4754%
1944	12.145759	0.082333	-0.3437%
1943	12.187645	0.082050	0.6562%
1942	12.108188	0.082589	0.6633%
1941	12.028404	0.083137	-5.6614%
1940	12.750250	0.078430	8.0381%
1939	11.801623	0.084734	0.8126%
1938	11.706492	0.085423	0.7762%
1937	11.616321	0.086086	0.6029%
1936	11.546709	0.086605	0.5244%
1935	11.486474	0.087059	-3.0364%
1934	11.846168	0.084415	4.6271%
1933	11.322272	0.088321	1.3921%
1932	11.166817	0.089551	-0.2051%
1931	11.189766	0.089367	0.8886%
1930	11.091209	0.090161	1.0126%

1929	10.980027	0.091074	1.1526%
1928	10.854914	0.092124	1.2160%
1927	10.724504	0.093244	1.4086%
1926	10.575539	0.094558	1.7667%
1925	10.391946	0.096228	1.4465%
1924	10.243769	0.097620	1.7700%
1923	10.065611	0.099348	1.6165%
1922	9.905487	0.100954	1.3736%
1921	9.771264	0.102341	2.3393%
1920	9.547909	0.104735	1.3140%
1919	9.424076	0.106111	0.7676%
1918	9.352284	0.106926	0.3870%
1917	9.316231	0.107340	1.3274%
1916	9.194184	0.108764	1.4083%
1915	9.066501	0.110296	1.4458%
1914	8.937286	0.111891	1.9424%
1913	8.766997	0.114064	1.9857%
1912	8.596303	0.116329	1.5634%
1911	8.463977	0.118148	1.8169%
1910	8.312937	0.120294	1.8781%
1909	8.159693	0.122554	2.0082%
1908	7.999053	0.125015	1.9603%
1907	7.845266	0.127465	1.8264%
1906	7.704554	0.129793	1.9357%
1905	7.558251	0.132306	2.0148%
1904	7.408972	0.134971	2.1335%
1903	7.254202	0.137851	1.8151%
1902	7.124875	0.140353	1.8943%
1901	6.992414	0.143012	3.0255%
1900	6.787071	0.147339	0.6278%
1899	6.744725	0.148264	1.7757%
1898	6.627051	0.150897	1.8078%
1897	6.509378	0.153625	1.8396%
1896	6.391794	0.156451	1.8755%
1895	6.274121	0.159385	1.9114%
1894	6.156447	0.162431	1.9486%
1893	6.038774	0.165597	1.9858%
1892	5.921190	0.168885	2.0276%
1891	5.803517	0.172309	2.6465%
1890	5.653886	0.176870	1.5328%
1889	5.568530	0.179581	2.0811%
1888	5.455005	0.183318	2.1599%
1887	5.339675	0.187277	2.2075%
1886	5.224346	0.191412	2.2592%
1885	5.108927	0.195736	2.3095%
1884	4.993598	0.200256	2.3641%
1883	4.878269	0.204991	2.4214%
1882	4.762940	0.209954	2.4815%
1881	4.647610	0.215164	3.7644%
1880	4.479003	0.223264	0.9432%
1879	4.437151	0.225370	2.1464%
1878	4.343913	0.230207	2.1913%
1877	4.250766	0.235252	2.2426%

1876	4.157529	0.240527	2.2941%
1875	4.064292	0.246045	2.3456%
1874	3.971145	0.251817	2.4043%
1873	3.877908	0.257871	2.4635%
1872	3.784671	0.264224	2.5258%
1871	3.691434	0.270897	5.9947%
1870	3.482660	0.287137	-1.0968%
1869	3.521280	0.283988	2.1930%
1868	3.445717	0.290215	2.2394%
1867	3.370243	0.296714	2.2935%
1866	3.294680	0.303520	2.3445%
1865	3.219206	0.310636	2.4037%
1864	3.143643	0.318102	2.4599%
1863	3.068170	0.325927	2.5250%
1862	2.992606	0.334157	2.5872%
1861	2.917133	0.342802	2.9504%
1860	2.833532	0.352916	2.4012%
1859	2.767087	0.361391	2.7627%
1858	2.692696	0.371375	2.8412%
1857	2.618305	0.381927	2.9243%
1856	2.543913	0.393095	3.0161%
1855	2.469432	0.404951	3.1061%
1854	2.395041	0.417529	3.2056%
1853	2.320649	0.430914	3.3118%
1852	2.246258	0.445185	3.4252%
1851	2.171867	0.460433	4.0106%
1850	2.088120	0.478900	2.3254%
1849	2.040667	0.490036	2.7841%
1848	1.985392	0.503679	2.8590%
1847	1.930207	0.518079	2.9432%
1846	1.875023	0.533327	3.0324%
1845	1.819838	0.549500	3.1325%
1844	1.764563	0.566713	3.2284%
1843	1.709378	0.585008	3.3361%
1842	1.654193	0.604524	3.4512%
1841	1.599008	0.625388	3.8105%
1840	1.540315	0.649218	2.3861%
1839	1.504418	0.664709	2.5824%
1838	1.466546	0.681874	2.6573%
1837	1.428584	0.699994	2.7232%
1836	1.390712	0.719056	2.7994%
1835	1.352840	0.739185	2.8871%
1834	1.314878	0.760527	2.9657%
1833	1.277006	0.783081	3.0563%
1832	1.239134	0.807015	3.1604%
1831	1.201172	0.832520	3.4660%
1830	1.160935	0.861375	2.4653%
1829	1.133003	0.882610	2.6804%
1828	1.103427	0.906268	10.3427%
1827	1.000000	1.000000	-4.2314%
1826	1.044184	0.957686	2.9150%
1825	1.014608	0.985603	3.0026%
1824	0.985032	1.015196	3.0955%

1823	0.955455	1.046621	3.1944%
1822	0.925879	1.080055	3.3102%
1821	0.896213	1.115806	3.2277%
1820	0.868190	1.151822	2.6573%
1819	0.845717	1.182429	2.6261%
1818	0.824076	1.213481	2.6969%
1817	0.802435	1.246207	2.7717%
1816	0.780794	1.280748	2.8507%
1815	0.759152	1.317259	2.9343%
1814	0.737511	1.355911	3.0231%
1813	0.715870	1.396901	3.1039%
1812	0.694319	1.440260	3.2172%
1811	0.672678	1.486595	3.0969%
1810	0.652472	1.532634	2.9144%
1809	0.633995	1.577301	2.8225%
1808	0.616592	1.621819	2.9199%
1807	0.599098	1.669175	2.9918%
1806	0.581695	1.719113	3.0841%
1805	0.564292	1.772132	3.1822%
1804	0.546889	1.828524	3.2868%
1803	0.529486	1.888624	3.3985%
1802	0.512083	1.952809	3.5180%
1801	0.494680	2.021509	3.3999%
1800	0.478414	2.090240	2.8419%
1799	0.465194	2.149641	2.7485%
1798	0.452750	2.208723	2.8261%
1797	0.440307	2.271145	3.7832%
1796	0.424256	2.357067	2.1272%
1795	0.415419	2.407206	3.0879%
1794	0.402976	2.481539	3.1625%
1793	0.390622	2.560018	3.2904%
1792	0.378179	2.644254	3.4024%
1791	0.365735	2.734221	3.2296%
1790	0.354293	2.822524	41.3145%
1780	0.250712	3.988635	29.4353%
1770	0.193697	5.162702	83.4728%
1750	0.105573	9.472156	29.2845%
1740	0.081659	12.246025	94.2514%
1720	0.042038	23.788074	85.8111%
1700	0.022624	44.200877	19.2490%
1690	0.018972	52.709125	88.0250%
1670	0.010090	99.106345	

BASE YEAR: 1826

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	26.030255	0.038417	8.2857%
2001	24.038506	0.041600	1.0000%
2000	23.800498	0.042016	1.0000%
1999	23.564850	0.042436	1.0000%
1998	23.331535	0.042860	1.0000%
1997	23.100529	0.043289	1.0000%

1996	22.871811	0.043722	1.0000%
1995	22.645358	0.044159	0.9992%
1994	22.421319	0.044600	1.0008%
1993	22.199155	0.045047	1.0000%
1992	21.979361	0.045497	0.9295%
1991	21.776943	0.045920	1.2505%
1990	21.507982	0.046494	0.7224%
1989	21.353713	0.046830	1.1077%
1988	21.119775	0.047349	0.8834%
1987	20.934845	0.047767	0.5594%
1986	20.818394	0.048034	1.3056%
1985	20.550086	0.048662	0.7673%
1984	20.393610	0.049035	0.8149%
1983	20.228756	0.049435	0.9737%
1982	20.033679	0.049916	0.9508%
1981	19.844991	0.050391	0.9031%
1980	19.667382	0.050846	2.2701%
1979	19.230829	0.052000	1.0042%
1978	19.039637	0.052522	0.9896%
1977	18.853066	0.053042	0.9103%
1976	18.682988	0.053525	0.8394%
1975	18.527461	0.053974	0.9042%
1974	18.361442	0.054462	1.1568%
1973	18.151468	0.055092	0.9427%
1972	17.981952	0.055611	0.7426%
1971	17.849396	0.056024	1.4697%
1970	17.590856	0.056848	0.6968%
1969	17.469128	0.057244	0.8565%
1968	17.320769	0.057734	1.5090%
1967	17.063277	0.058605	0.9949%
1966	16.895186	0.059188	1.0575%
1965	16.718394	0.059814	1.1300%
1964	16.531585	0.060490	1.5537%
1963	16.278670	0.061430	1.4658%
1962	16.043502	0.062331	1.5364%
1961	15.800734	0.063288	2.1586%
1960	15.466860	0.064654	-1.6655%
1959	15.728821	0.063578	4.3080%
1958	15.079210	0.066316	2.1130%
1957	14.767185	0.067718	1.9895%
1956	14.479123	0.069065	2.1231%
1955	14.178109	0.070531	1.4496%
1954	13.975518	0.071554	2.1573%
1953	13.680397	0.073097	1.2298%
1952	13.514206	0.073996	1.6814%
1951	13.290738	0.075240	1.6233%
1950	13.078440	0.076462	1.4265%
1949	12.894495	0.077552	1.7790%
1948	12.669106	0.078932	1.8242%
1947	12.442142	0.080372	-2.6320%
1946	12.778476	0.078257	3.1768%
1945	12.385028	0.080743	6.4754%
1944	11.631819	0.085971	-0.3437%

1943	11.671933	0.085676	0.6562%
1942	11.595838	0.086238	0.6633%
1941	11.519430	0.086810	-5.6614%
1940	12.210732	0.081895	8.0381%
1939	11.302245	0.088478	0.8126%
1938	11.211140	0.089197	0.7762%
1937	11.124784	0.089889	0.6029%
1936	11.058117	0.090431	0.5244%
1935	11.000432	0.090906	-3.0364%
1934	11.344905	0.088145	4.6271%
1933	10.843178	0.092224	1.3921%
1932	10.694301	0.093508	-0.2051%
1931	10.716278	0.093316	0.8886%
1930	10.621892	0.094145	1.0126%
1929	10.515415	0.095098	1.1526%
1928	10.395596	0.096195	1.2160%
1927	10.270704	0.097364	1.4086%
1926	10.128042	0.098736	1.7667%
1925	9.952218	0.100480	1.4465%
1924	9.810311	0.101934	1.7700%
1923	9.639691	0.103738	1.6165%
1922	9.486343	0.105415	1.3736%
1921	9.357800	0.106863	2.3393%
1920	9.143896	0.109363	1.3140%
1919	9.025302	0.110800	0.7676%
1918	8.956548	0.111650	0.3870%
1917	8.922021	0.112082	1.3274%
1916	8.805138	0.113570	1.4083%
1915	8.682858	0.115169	1.4458%
1914	8.559111	0.116835	1.9424%
1913	8.396028	0.119104	1.9857%
1912	8.232556	0.121469	1.5634%
1911	8.105829	0.123368	1.8169%
1910	7.961181	0.125610	1.8781%
1909	7.814421	0.127969	2.0082%
1908	7.660579	0.130538	1.9603%
1907	7.513299	0.133097	1.8264%
1906	7.378541	0.135528	1.9357%
1905	7.238428	0.138152	2.0148%
1904	7.095466	0.140935	2.1335%
1903	6.947245	0.143942	1.8151%
1902	6.823390	0.146555	1.8943%
1901	6.696535	0.149331	3.0255%
1900	6.499881	0.153849	0.6278%
1899	6.459326	0.154815	1.7757%
1898	6.346632	0.157564	1.8078%
1897	6.233938	0.160412	1.8396%
1896	6.121330	0.163363	1.8755%
1895	6.008636	0.166427	1.9114%
1894	5.895941	0.169608	1.9486%
1893	5.783247	0.172913	1.9858%
1892	5.670639	0.176347	2.0276%
1891	5.557945	0.179923	2.6465%

1890	5.414645	0.184684	1.5328%
1889	5.332902	0.187515	2.0811%
1888	5.224180	0.191418	2.1599%
1887	5.113731	0.195552	2.2075%
1886	5.003282	0.199869	2.2592%
1885	4.892746	0.204384	2.3095%
1884	4.782297	0.209105	2.3641%
1883	4.671848	0.214048	2.4214%
1882	4.561399	0.219231	2.4815%
1881	4.450950	0.224671	3.7644%
1880	4.289477	0.233129	0.9432%
1879	4.249396	0.235328	2.1464%
1878	4.160104	0.240379	2.1913%
1877	4.070898	0.245646	2.2426%
1876	3.981606	0.251155	2.2941%
1875	3.892314	0.256917	2.3456%
1874	3.803109	0.262943	2.4043%
1873	3.713817	0.269265	2.4635%
1872	3.624525	0.275898	2.5258%
1871	3.535233	0.282867	5.9947%
1870	3.335293	0.299824	-1.0968%
1869	3.372280	0.296535	2.1930%
1868	3.299914	0.303038	2.2394%
1867	3.227634	0.309824	2.2935%
1866	3.155268	0.316930	2.3445%
1865	3.082988	0.324361	2.4037%
1864	3.010622	0.332157	2.4599%
1863	2.938342	0.340328	2.5250%
1862	2.865976	0.348921	2.5872%
1861	2.793696	0.357949	2.9504%
1860	2.713633	0.368510	2.4012%
1859	2.650000	0.377358	2.7627%
1858	2.578756	0.387784	2.8412%
1857	2.507513	0.398802	2.9243%
1856	2.436269	0.410464	3.0161%
1855	2.364940	0.422844	3.1061%
1854	2.293696	0.435978	3.2056%
1853	2.222453	0.449953	3.3118%
1852	2.151209	0.464855	3.4252%
1851	2.079965	0.480777	4.0106%
1850	1.999763	0.500059	2.3254%
1849	1.954318	0.511688	2.7841%
1848	1.901382	0.525933	2.8590%
1847	1.848532	0.540970	2.9432%
1846	1.795682	0.556891	3.0324%
1845	1.742832	0.573779	3.1325%
1844	1.689896	0.591752	3.2284%
1843	1.637047	0.610856	3.3361%
1842	1.584197	0.631235	3.4512%
1841	1.531347	0.653020	3.8105%
1840	1.475137	0.677903	2.3861%
1839	1.440760	0.694078	2.5824%
1838	1.404491	0.712002	2.6573%

1837	1.368135	0.730922	2.7232%
1836	1.331865	0.750827	2.7994%
1835	1.295596	0.771846	2.8871%
1834	1.259240	0.794130	2.9657%
1833	1.222971	0.817681	3.0563%
1832	1.186701	0.842672	3.1604%
1831	1.150345	0.869304	3.4660%
1830	1.111810	0.899434	2.4653%
1829	1.085060	0.921608	2.6804%
1828	1.056736	0.946310	10.3427%
1827	0.957686	1.044184	-4.2314%
1826	1.000000	1.000000	2.9150%
1825	0.971675	1.029150	3.0026%
1824	0.943351	1.060051	3.0955%
1823	0.915026	1.092865	3.1944%
1822	0.886701	1.127776	3.3102%
1821	0.858290	1.165107	3.2277%
1820	0.831453	1.202714	2.6573%
1819	0.809931	1.234673	2.6261%
1818	0.789206	1.267097	2.6969%
1817	0.768480	1.301270	2.7717%
1816	0.747755	1.337337	2.8507%
1815	0.727029	1.375460	2.9343%
1814	0.706304	1.415821	3.0231%
1813	0.685579	1.458622	3.1039%
1812	0.664940	1.503896	3.2172%
1811	0.644214	1.552279	3.0969%
1810	0.624863	1.600352	2.9144%
1809	0.607168	1.646992	2.8225%
1808	0.590501	1.693478	2.9199%
1807	0.573748	1.742926	2.9918%
1806	0.557081	1.795071	3.0841%
1805	0.540415	1.850431	3.1822%
1804	0.523748	1.909316	3.2868%
1803	0.507081	1.972071	3.3985%
1802	0.490415	2.039091	3.5180%
1801	0.473748	2.110828	3.3999%
1800	0.458170	2.182595	2.8419%
1799	0.445509	2.244621	2.7485%
1798	0.433592	2.306313	2.8261%
1797	0.421675	2.371493	3.7832%
1796	0.406304	2.461211	2.1272%
1795	0.397841	2.513566	3.0879%
1794	0.385924	2.591184	3.1625%
1793	0.374093	2.673130	3.2904%
1792	0.362176	2.761087	3.4024%
1791	0.350259	2.855030	3.2296%
1790	0.339301	2.947235	41.3145%
1780	0.240104	4.164868	29.4353%
1770	0.185501	5.390810	83.4728%
1750	0.101105	9.890673	29.2845%
1740	0.078204	12.787102	94.2514%
1720	0.040259	24.839125	85.8111%

1700	0.021667	46.153846	19.2490%
1690	0.018169	55.038023	88.0250%
1670	0.009663	103.485255	

BASE YEAR: 1825

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	26.789046	0.037329	8.2857%
2001	24.739237	0.040422	1.0000%
2000	24.494292	0.040826	1.0000%
1999	24.251774	0.041234	1.0000%
1998	24.011657	0.041646	1.0000%
1997	23.773918	0.042063	1.0000%
1996	23.538533	0.042484	1.0000%
1995	23.305478	0.042908	0.9992%
1994	23.074909	0.043337	1.0008%
1993	22.846268	0.043771	1.0000%
1992	22.620068	0.044209	0.9295%
1991	22.411749	0.044619	1.2505%
1990	22.134948	0.045177	0.7224%
1989	21.976182	0.045504	1.1077%
1988	21.735425	0.046008	0.8834%
1987	21.545103	0.046414	0.5594%
1986	21.425258	0.046674	1.3056%
1985	21.149129	0.047283	0.7673%
1984	20.988091	0.047646	0.8149%
1983	20.818432	0.048034	0.9737%
1982	20.617668	0.048502	0.9508%
1981	20.423480	0.048963	0.9031%
1980	20.240693	0.049405	2.2701%
1979	19.791415	0.050527	1.0042%
1978	19.594650	0.051034	0.9896%
1977	19.402640	0.051539	0.9103%
1976	19.227604	0.052009	0.8394%
1975	19.067544	0.052445	0.9042%
1974	18.896685	0.052919	1.1568%
1973	18.680590	0.053531	0.9427%
1972	18.506132	0.054036	0.7426%
1971	18.369712	0.054437	1.4697%
1970	18.103636	0.055238	0.6968%
1969	17.978359	0.055622	0.8565%
1968	17.825675	0.056099	1.5090%
1967	17.560678	0.056945	0.9949%
1966	17.387687	0.057512	1.0575%
1965	17.205741	0.058120	1.1300%
1964	17.013486	0.058777	1.5537%
1963	16.753199	0.059690	1.4658%
1962	16.511176	0.060565	1.5364%
1961	16.261331	0.061496	2.1586%
1960	15.917725	0.062823	-1.6655%
1959	16.187322	0.061777	4.3080%
1958	15.518774	0.064438	2.1130%

1957	15.197654	0.065800	1.9895%
1956	14.901195	0.067109	2.1231%
1955	14.591406	0.068533	1.4496%
1954	14.382910	0.069527	2.1573%
1953	14.079186	0.071027	1.2298%
1952	13.908150	0.071900	1.6814%
1951	13.678168	0.073109	1.6233%
1950	13.459681	0.074296	1.4265%
1949	13.270374	0.075356	1.7790%
1948	13.038415	0.076696	1.8242%
1947	12.804835	0.078096	-2.6320%
1946	13.150973	0.076040	3.1768%
1945	12.746056	0.078456	6.4754%
1944	11.970891	0.083536	-0.3437%
1943	12.012174	0.083249	0.6562%
1942	11.933861	0.083795	0.6633%
1941	11.855226	0.084351	-5.6614%
1940	12.566679	0.079576	8.0381%
1939	11.631710	0.085972	0.8126%
1938	11.537949	0.086671	0.7762%
1937	11.449076	0.087343	0.6029%
1936	11.380466	0.087870	0.5244%
1935	11.321098	0.088331	-3.0364%
1934	11.675613	0.085649	4.6271%
1933	11.159261	0.089612	1.3921%
1932	11.006043	0.090859	-0.2051%
1931	11.028662	0.090673	0.8886%
1930	10.931524	0.091479	1.0126%
1929	10.821943	0.092405	1.1526%
1928	10.698631	0.093470	1.2160%
1927	10.570099	0.094606	1.4086%
1926	10.423278	0.095939	1.7667%
1925	10.242328	0.097634	1.4465%
1924	10.096285	0.099046	1.7700%
1923	9.920692	0.100799	1.6165%
1922	9.762873	0.102429	1.3736%
1921	9.630583	0.103836	2.3393%
1920	9.410443	0.106265	1.3140%
1919	9.288393	0.107661	0.7676%
1918	9.217635	0.108488	0.3870%
1917	9.182101	0.108908	1.3274%
1916	9.061811	0.110353	1.4083%
1915	8.935967	0.111907	1.4458%
1914	8.808612	0.113525	1.9424%
1913	8.640775	0.115730	1.9857%
1912	8.472538	0.118028	1.5634%
1911	8.342117	0.119874	1.8169%
1910	8.193252	0.122052	1.8781%
1909	8.042215	0.124344	2.0082%
1908	7.883887	0.126841	1.9603%
1907	7.732314	0.129327	1.8264%
1906	7.593628	0.131689	1.9357%
1905	7.449431	0.134238	2.0148%

1904	7.302302	0.136943	2.1335%
1903	7.149760	0.139865	1.8151%
1902	7.022295	0.142404	1.8943%
1901	6.891741	0.145101	3.0255%
1900	6.689355	0.149491	0.6278%
1899	6.647618	0.150430	1.7757%
1898	6.531639	0.153101	1.8078%
1897	6.415659	0.155869	1.8396%
1896	6.299769	0.158736	1.8755%
1895	6.183790	0.161713	1.9114%
1894	6.067810	0.164804	1.9486%
1893	5.951831	0.168016	1.9858%
1892	5.835940	0.171352	2.0276%
1891	5.719961	0.174826	2.6465%
1890	5.572484	0.179453	1.5328%
1889	5.488358	0.182204	2.0811%
1888	5.376466	0.185996	2.1599%
1887	5.262798	0.190013	2.2075%
1886	5.149129	0.194208	2.2592%
1885	5.035371	0.198595	2.3095%
1884	4.921703	0.203182	2.3641%
1883	4.808034	0.207985	2.4214%
1882	4.694365	0.213021	2.4815%
1881	4.580697	0.218307	3.7644%
1880	4.414517	0.226525	0.9432%
1879	4.373267	0.228662	2.1464%
1878	4.281372	0.233570	2.1913%
1877	4.189566	0.238688	2.2426%
1876	4.097672	0.244041	2.2941%
1875	4.005777	0.249639	2.3456%
1874	3.913971	0.255495	2.4043%
1873	3.822076	0.261638	2.4635%
1872	3.730181	0.268083	2.5258%
1871	3.638287	0.274855	5.9947%
1870	3.432518	0.291331	-1.0968%
1869	3.470583	0.288136	2.1930%
1868	3.396107	0.294455	2.2394%
1867	3.321721	0.301049	2.2935%
1866	3.247245	0.307953	2.3445%
1865	3.172858	0.315173	2.4037%
1864	3.098383	0.322749	2.4599%
1863	3.023996	0.330688	2.5250%
1862	2.949520	0.339038	2.5872%
1861	2.875133	0.347810	2.9504%
1860	2.792736	0.358072	2.4012%
1859	2.727248	0.366670	2.7627%
1858	2.653928	0.376800	2.8412%
1857	2.580608	0.387506	2.9243%
1856	2.507288	0.398837	3.0161%
1855	2.433878	0.410867	3.1061%
1854	2.360558	0.423629	3.2056%
1853	2.287238	0.437209	3.3118%
1852	2.213918	0.451688	3.4252%

1851	2.140597	0.467159	4.0106%
1850	2.058057	0.485895	2.3254%
1849	2.011287	0.497194	2.7841%
1848	1.956808	0.511036	2.8590%
1847	1.902417	0.525647	2.9432%
1846	1.848027	0.541118	3.0324%
1845	1.793637	0.557527	3.1325%
1844	1.739157	0.574991	3.2284%
1843	1.684767	0.593554	3.3361%
1842	1.630377	0.613355	3.4512%
1841	1.575986	0.634523	3.8105%
1840	1.518138	0.658702	2.3861%
1839	1.482759	0.674419	2.5824%
1838	1.445432	0.691835	2.6573%
1837	1.408016	0.710219	2.7232%
1836	1.370690	0.729560	2.7994%
1835	1.333363	0.749983	2.8871%
1834	1.295947	0.771636	2.9657%
1833	1.258621	0.794521	3.0563%
1832	1.221294	0.818804	3.1604%
1831	1.183878	0.844681	3.4660%
1830	1.144220	0.873958	2.4653%
1829	1.116690	0.895503	2.6804%
1828	1.087540	0.919506	10.3427%
1827	0.985603	1.014608	-4.2314%
1826	1.029150	0.971675	2.9150%
1825	1.000000	1.000000	3.0026%
1824	0.970850	1.030026	3.0955%
1823	0.941699	1.061910	3.1944%
1822	0.912549	1.095832	3.3102%
1821	0.883310	1.132106	3.2277%
1820	0.855690	1.168647	2.6573%
1819	0.833541	1.199701	2.6261%
1818	0.812211	1.231207	2.6969%
1817	0.790882	1.264412	2.7717%
1816	0.769552	1.299457	2.8507%
1815	0.748223	1.336501	2.9343%
1814	0.726893	1.375718	3.0231%
1813	0.705563	1.417307	3.1039%
1812	0.684323	1.461299	3.2172%
1811	0.662993	1.508311	3.0969%
1810	0.643078	1.555022	2.9144%
1809	0.624867	1.600341	2.8225%
1808	0.607714	1.645510	2.9199%
1807	0.590473	1.693558	2.9918%
1806	0.573320	1.744226	3.0841%
1805	0.556168	1.798019	3.1822%
1804	0.539015	1.855235	3.2868%
1803	0.521863	1.916213	3.3985%
1802	0.504710	1.981335	3.5180%
1801	0.487558	2.051039	3.3999%
1800	0.471526	2.120773	2.8419%
1799	0.458496	2.181043	2.7485%

1798	0.446232	2.240988	2.8261%
1797	0.433967	2.304321	3.7832%
1796	0.418148	2.391498	2.1272%
1795	0.409438	2.442370	3.0879%
1794	0.397174	2.517789	3.1625%
1793	0.384998	2.597415	3.2904%
1792	0.372734	2.682880	3.4024%
1791	0.360469	2.774162	3.2296%
1790	0.349192	2.863755	41.3145%
1780	0.247103	4.046900	29.4353%
1770	0.190908	5.238117	83.4728%
1750	0.104053	9.610523	29.2845%
1740	0.080483	12.424912	94.2514%
1720	0.041433	24.135564	85.8111%
1700	0.022298	44.846552	19.2490%
1690	0.018699	53.479087	88.0250%
1670	0.009945	100.554066	

BASE YEAR: 1824

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	27.593404	0.036241	8.2857%
2001	25.482049	0.039243	1.0000%
2000	25.229748	0.039636	1.0000%
1999	24.979949	0.040032	1.0000%
1998	24.732623	0.040432	1.0000%
1997	24.487745	0.040837	1.0000%
1996	24.245292	0.041245	1.0000%
1995	24.005240	0.041658	0.9992%
1994	23.767747	0.042074	1.0008%
1993	23.532242	0.042495	1.0000%
1992	23.299249	0.042920	0.9295%
1991	23.084676	0.043319	1.2505%
1990	22.799564	0.043860	0.7224%
1989	22.636031	0.044177	1.1077%
1988	22.388045	0.044667	0.8834%
1987	22.192008	0.045061	0.5594%
1986	22.068565	0.045313	1.3056%
1985	21.784145	0.045905	0.7673%
1984	21.618272	0.046257	0.8149%
1983	21.443519	0.046634	0.9737%
1982	21.236726	0.047088	0.9508%
1981	21.036708	0.047536	0.9031%
1980	20.848433	0.047965	2.2701%
1979	20.385665	0.049054	1.0042%
1978	20.182992	0.049547	0.9896%
1977	19.985216	0.050037	0.9103%
1976	19.804925	0.050492	0.8394%
1975	19.640059	0.050916	0.9042%
1974	19.464070	0.051377	1.1568%
1973	19.241487	0.051971	0.9427%
1972	19.061791	0.052461	0.7426%

1971	18.921274	0.052851	1.4697%
1970	18.647209	0.053627	0.6968%
1969	18.518171	0.054001	0.8565%
1968	18.360903	0.054464	1.5090%
1967	18.087949	0.055285	0.9949%
1966	17.909763	0.055835	1.0575%
1965	17.722354	0.056426	1.1300%
1964	17.524327	0.057064	1.5537%
1963	17.256225	0.057950	1.4658%
1962	17.006934	0.058800	1.5364%
1961	16.749588	0.059703	2.1586%
1960	16.395665	0.060992	-1.6655%
1959	16.673357	0.059976	4.3080%
1958	15.984735	0.062560	2.1130%
1957	15.653973	0.063882	1.9895%
1956	15.348613	0.065152	2.1231%
1955	15.029522	0.066536	1.4496%
1954	14.814766	0.067500	2.1573%
1953	14.501922	0.068956	1.2298%
1952	14.325751	0.069804	1.6814%
1951	14.088864	0.070978	1.6233%
1950	13.863816	0.072130	1.4265%
1949	13.668826	0.073159	1.7790%
1948	13.429902	0.074461	1.8242%
1947	13.189308	0.075819	-2.6320%
1946	13.545839	0.073823	3.1768%
1945	13.128765	0.076169	6.4754%
1944	12.330325	0.081101	-0.3437%
1943	12.372847	0.080822	0.6562%
1942	12.292183	0.081353	0.6633%
1941	12.211186	0.081892	-5.6614%
1940	12.944002	0.077256	8.0381%
1939	11.980959	0.083466	0.8126%
1938	11.884383	0.084144	0.7762%
1937	11.792841	0.084797	0.6029%
1936	11.722171	0.085308	0.5244%
1935	11.661022	0.085756	-3.0364%
1934	12.026181	0.083152	4.6271%
1933	11.494324	0.086999	1.3921%
1932	11.336507	0.088211	-0.2051%
1931	11.359804	0.088030	0.8886%
1930	11.259750	0.088812	1.0126%
1929	11.146878	0.089711	1.1526%
1928	11.019865	0.090745	1.2160%
1927	10.887473	0.091849	1.4086%
1926	10.736244	0.093142	1.7667%
1925	10.549861	0.094788	1.4465%
1924	10.399433	0.096159	1.7700%
1923	10.218567	0.097861	1.6165%
1922	10.056010	0.099443	1.3736%
1921	9.919747	0.100809	2.3393%
1920	9.692998	0.103167	1.3140%
1919	9.567283	0.104523	0.7676%

1918	9.494400	0.105325	0.3870%
1917	9.457799	0.105733	1.3274%
1916	9.333898	0.107136	1.4083%
1915	9.204275	0.108645	1.4458%
1914	9.073096	0.110216	1.9424%
1913	8.900220	0.112357	1.9857%
1912	8.726932	0.114588	1.5634%
1911	8.592594	0.116379	1.8169%
1910	8.439260	0.118494	1.8781%
1909	8.283687	0.120719	2.0082%
1908	8.120606	0.123144	1.9603%
1907	7.964482	0.125557	1.8264%
1906	7.821631	0.127851	1.9357%
1905	7.673105	0.130325	2.0148%
1904	7.521558	0.132951	2.1335%
1903	7.364436	0.135788	1.8151%
1902	7.233143	0.138252	1.8943%
1901	7.098670	0.140871	3.0255%
1900	6.890207	0.145134	0.6278%
1899	6.847217	0.146045	1.7757%
1898	6.727755	0.148638	1.8078%
1897	6.608294	0.151325	1.8396%
1896	6.488923	0.154109	1.8755%
1895	6.369462	0.156999	1.9114%
1894	6.250000	0.160000	1.9486%
1893	6.130538	0.163118	1.9858%
1892	6.011168	0.166357	2.0276%
1891	5.891706	0.169730	2.6465%
1890	5.739802	0.174222	1.5328%
1889	5.653149	0.176893	2.0811%
1888	5.537898	0.180574	2.1599%
1887	5.420817	0.184474	2.2075%
1886	5.303735	0.188546	2.2592%
1885	5.186562	0.192806	2.3095%
1884	5.069480	0.197259	2.3641%
1883	4.952398	0.201922	2.4214%
1882	4.835317	0.206812	2.4815%
1881	4.718235	0.211944	3.7644%
1880	4.547066	0.219922	0.9432%
1879	4.504577	0.221996	2.1464%
1878	4.409923	0.226761	2.1913%
1877	4.315361	0.231730	2.2426%
1876	4.220707	0.236927	2.2941%
1875	4.126053	0.242362	2.3456%
1874	4.031490	0.248047	2.4043%
1873	3.936836	0.254011	2.4635%
1872	3.842182	0.260269	2.5258%
1871	3.747528	0.266843	5.9947%
1870	3.535582	0.282839	-1.0968%
1869	3.574789	0.279737	2.1930%
1868	3.498078	0.285871	2.2394%
1867	3.421457	0.292273	2.2935%
1866	3.344746	0.298976	2.3445%

1865	3.268125	0.305986	2.4037%
1864	3.191413	0.313341	2.4599%
1863	3.114793	0.321049	2.5250%
1862	3.038081	0.329155	2.5872%
1861	2.961461	0.337671	2.9504%
1860	2.876590	0.347634	2.4012%
1859	2.809136	0.355981	2.7627%
1858	2.733614	0.365816	2.8412%
1857	2.658092	0.376210	2.9243%
1856	2.582570	0.387211	3.0161%
1855	2.506957	0.398890	3.1061%
1854	2.431435	0.411280	3.2056%
1853	2.355914	0.424464	3.3118%
1852	2.280392	0.438521	3.4252%
1851	2.204870	0.453541	4.0106%
1850	2.119851	0.471731	2.3254%
1849	2.071677	0.482701	2.7841%
1848	2.015562	0.496140	2.8590%
1847	1.959539	0.510324	2.9432%
1846	1.903515	0.525344	3.0324%
1845	1.847492	0.541274	3.1325%
1844	1.791377	0.558230	3.2284%
1843	1.735353	0.576252	3.3361%
1842	1.679330	0.595476	3.4512%
1841	1.623306	0.616027	3.8105%
1840	1.563721	0.639500	2.3861%
1839	1.527279	0.654759	2.5824%
1838	1.488832	0.671667	2.6573%
1837	1.450293	0.689516	2.7232%
1836	1.411845	0.708293	2.7994%
1835	1.373398	0.728121	2.8871%
1834	1.334859	0.749143	2.9657%
1833	1.296412	0.771360	3.0563%
1832	1.257964	0.794935	3.1604%
1831	1.219425	0.820059	3.4660%
1830	1.178576	0.848482	2.4653%
1829	1.150220	0.869399	2.6804%
1828	1.120194	0.892702	10.3427%
1827	1.015196	0.985032	-4.2314%
1826	1.060051	0.943351	2.9150%
1825	1.030026	0.970850	3.0026%
1824	1.000000	1.000000	3.0955%
1823	0.969974	1.030955	3.1944%
1822	0.939949	1.063888	3.3102%
1821	0.909832	1.099105	3.2277%
1820	0.881383	1.134581	2.6573%
1819	0.858568	1.164730	2.6261%
1818	0.836598	1.195317	2.6969%
1817	0.814628	1.227554	2.7717%
1816	0.792658	1.261578	2.8507%
1815	0.770688	1.297541	2.9343%
1814	0.748718	1.335616	3.0231%
1813	0.726748	1.375992	3.1039%

1812	0.704870	1.418701	3.2172%
1811	0.682900	1.464343	3.0969%
1810	0.662386	1.509693	2.9144%
1809	0.643629	1.553691	2.8225%
1808	0.625961	1.597543	2.9199%
1807	0.608202	1.644190	2.9918%
1806	0.590535	1.693381	3.0841%
1805	0.572867	1.745606	3.1822%
1804	0.555200	1.801154	3.2868%
1803	0.537532	1.860354	3.3985%
1802	0.519865	1.923578	3.5180%
1801	0.502197	1.991250	3.3999%
1800	0.485684	2.058952	2.8419%
1799	0.472263	2.117465	2.7485%
1798	0.459630	2.175662	2.8261%
1797	0.446997	2.237149	3.7832%
1796	0.430703	2.321785	2.1272%
1795	0.421732	2.371174	3.0879%
1794	0.409099	2.444395	3.1625%
1793	0.396558	2.521699	3.2904%
1792	0.383925	2.604673	3.4024%
1791	0.371293	2.693294	3.2296%
1790	0.359677	2.780276	41.3145%
1780	0.254522	3.928931	29.4353%
1770	0.196640	5.085424	83.4728%
1750	0.107177	9.330372	29.2845%
1740	0.082900	12.062721	94.2514%
1720	0.042677	23.432003	85.8111%
1700	0.022968	43.539259	19.2490%
1690	0.019260	51.920152	88.0250%
1670	0.010244	97.622878	

BASE YEAR: 1823

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	28.447560	0.035152	8.2857%
2001	26.270847	0.038065	1.0000%
2000	26.010737	0.038446	1.0000%
1999	25.753205	0.038830	1.0000%
1998	25.498223	0.039218	1.0000%
1997	25.245765	0.039611	1.0000%
1996	24.995807	0.040007	1.0000%
1995	24.748324	0.040407	0.9992%
1994	24.503480	0.040811	1.0008%
1993	24.260684	0.041219	1.0000%
1992	24.020479	0.041631	0.9295%
1991	23.799264	0.042018	1.2505%
1990	23.505326	0.042544	0.7224%
1989	23.336731	0.042851	1.1077%
1988	23.081068	0.043326	0.8834%
1987	22.878964	0.043708	0.5594%
1986	22.751699	0.043953	1.3056%

1985	22.458475	0.044527	0.7673%
1984	22.287467	0.044868	0.8149%
1983	22.107305	0.045234	0.9737%
1982	21.894111	0.045674	0.9508%
1981	21.687901	0.046109	0.9031%
1980	21.493798	0.046525	2.2701%
1979	21.016704	0.047581	1.0042%
1978	20.807758	0.048059	0.9896%
1977	20.603860	0.048535	0.9103%
1976	20.417988	0.048976	0.8394%
1975	20.248018	0.049388	0.9042%
1974	20.066582	0.049834	1.1568%
1973	19.837108	0.050411	0.9427%
1972	19.651850	0.050886	0.7426%
1971	19.506984	0.051264	1.4697%
1970	19.224435	0.052017	0.6968%
1969	19.091402	0.052380	0.8565%
1968	18.929266	0.052828	1.5090%
1967	18.647862	0.053625	0.9949%
1966	18.464161	0.054159	1.0575%
1965	18.270951	0.054732	1.1300%
1964	18.066794	0.055350	1.5537%
1963	17.790393	0.056210	1.4658%
1962	17.533385	0.057034	1.5364%
1961	17.268073	0.057910	2.1586%
1960	16.903194	0.059160	-1.6655%
1959	17.189482	0.058175	4.3080%
1958	16.479544	0.060681	2.1130%
1957	16.138543	0.061963	1.9895%
1956	15.823731	0.063196	2.1231%
1955	15.494762	0.064538	1.4496%
1954	15.273358	0.065473	2.1573%
1953	14.950831	0.066886	1.2298%
1952	14.769205	0.067708	1.6814%
1951	14.524986	0.068847	1.6233%
1950	14.292972	0.069964	1.4265%
1949	14.091945	0.070963	1.7790%
1948	13.845626	0.072225	1.8242%
1947	13.597584	0.073542	-2.6320%
1946	13.965152	0.071607	3.1768%
1945	13.535167	0.073882	6.4754%
1944	12.712011	0.078666	-0.3437%
1943	12.755850	0.078395	0.6562%
1942	12.672689	0.078910	0.6633%
1941	12.589185	0.079433	-5.6614%
1940	13.344684	0.074936	8.0381%
1939	12.351831	0.080960	0.8126%
1938	12.252265	0.081618	0.7762%
1937	12.157890	0.082251	0.6029%
1936	12.085032	0.082747	0.5244%
1935	12.021989	0.083181	-3.0364%
1934	12.398452	0.080655	4.6271%
1933	11.850132	0.084387	1.3921%

1932	11.687429	0.085562	-0.2051%
1931	11.711448	0.085387	0.8886%
1930	11.608297	0.086145	1.0126%
1929	11.491931	0.087018	1.1526%
1928	11.360985	0.088021	1.2160%
1927	11.224495	0.089091	1.4086%
1926	11.068585	0.090346	1.7667%
1925	10.876433	0.091942	1.4465%
1924	10.721348	0.093272	1.7700%
1923	10.534883	0.094923	1.6165%
1922	10.367294	0.096457	1.3736%
1921	10.226814	0.097782	2.3393%
1920	9.993045	0.100070	1.3140%
1919	9.863439	0.101385	0.7676%
1918	9.788300	0.102163	0.3870%
1917	9.750566	0.102558	1.3274%
1916	9.622829	0.103920	1.4083%
1915	9.489194	0.105383	1.4458%
1914	9.353954	0.106907	1.9424%
1913	9.175727	0.108983	1.9857%
1912	8.997074	0.111147	1.5634%
1911	8.858579	0.112885	1.8169%
1910	8.700498	0.114936	1.8781%
1909	8.540109	0.117095	2.0082%
1908	8.371980	0.119446	1.9603%
1907	8.211023	0.121788	1.8264%
1906	8.063750	0.124012	1.9357%
1905	7.910627	0.126412	2.0148%
1904	7.754388	0.128959	2.1335%
1903	7.592403	0.131711	1.8151%
1902	7.457046	0.134101	1.8943%
1901	7.318410	0.136642	3.0255%
1900	7.103494	0.140776	0.6278%
1899	7.059173	0.141660	1.7757%
1898	6.936014	0.144175	1.8078%
1897	6.812854	0.146781	1.8396%
1896	6.689789	0.149482	1.8755%
1895	6.566629	0.152285	1.9114%
1894	6.443469	0.155196	1.9486%
1893	6.320310	0.158220	1.9858%
1892	6.197244	0.161362	2.0276%
1891	6.074085	0.164634	2.6465%
1890	5.917478	0.168991	1.5328%
1889	5.828143	0.171581	2.0811%
1888	5.709324	0.175152	2.1599%
1887	5.588618	0.178935	2.2075%
1886	5.467912	0.182885	2.2592%
1885	5.347112	0.187017	2.3095%
1884	5.226406	0.191336	2.3641%
1883	5.105700	0.195860	2.4214%
1882	4.984994	0.200602	2.4815%
1881	4.864288	0.205580	3.7644%
1880	4.687820	0.213319	0.9432%

1879	4.644017	0.215331	2.1464%
1878	4.546433	0.219953	2.1913%
1877	4.448943	0.224772	2.2426%
1876	4.351359	0.229813	2.2941%
1875	4.253775	0.235085	2.3456%
1874	4.156285	0.240599	2.4043%
1873	4.058701	0.246384	2.4635%
1872	3.961117	0.252454	2.5258%
1871	3.863533	0.258830	5.9947%
1870	3.645026	0.274346	-1.0968%
1869	3.685447	0.271337	2.1930%
1868	3.606361	0.277288	2.2394%
1867	3.527369	0.283497	2.2935%
1866	3.448282	0.289999	2.3445%
1865	3.369290	0.296798	2.4037%
1864	3.290204	0.303933	2.4599%
1863	3.211212	0.311409	2.5250%
1862	3.132125	0.319272	2.5872%
1861	3.053133	0.327532	2.9504%
1860	2.965635	0.337196	2.4012%
1859	2.896093	0.345293	2.7627%
1858	2.818233	0.354832	2.8412%
1857	2.740374	0.364914	2.9243%
1856	2.662514	0.375585	3.0161%
1855	2.584560	0.386913	3.1061%
1854	2.506701	0.398931	3.2056%
1853	2.428841	0.411719	3.3118%
1852	2.350982	0.425354	3.4252%
1851	2.273122	0.439924	4.0106%
1850	2.185471	0.457567	2.3254%
1849	2.135806	0.468207	2.7841%
1848	2.077954	0.481243	2.8590%
1847	2.020196	0.495001	2.9432%
1846	1.962439	0.509570	3.0324%
1845	1.904681	0.525022	3.1325%
1844	1.846829	0.541469	3.2284%
1843	1.789071	0.558949	3.3361%
1842	1.731314	0.577596	3.4512%
1841	1.673556	0.597530	3.8105%
1840	1.612126	0.620299	2.3861%
1839	1.574556	0.635099	2.5824%
1838	1.534919	0.651500	2.6573%
1837	1.495187	0.668813	2.7232%
1836	1.455549	0.687026	2.7994%
1835	1.415912	0.706259	2.8871%
1834	1.376180	0.726649	2.9657%
1833	1.336542	0.748199	3.0563%
1832	1.296904	0.771067	3.1604%
1831	1.257173	0.795436	3.4660%
1830	1.215059	0.823005	2.4653%
1829	1.185825	0.843295	2.6804%
1828	1.154870	0.865899	10.3427%
1827	1.046621	0.955455	-4.2314%

1826	1.092865	0.915026	2.9150%
1825	1.061910	0.941699	3.0026%
1824	1.030955	0.969974	3.0955%
1823	1.000000	1.000000	3.1944%
1822	0.969045	1.031944	3.3102%
1821	0.937995	1.066103	3.2277%
1820	0.908666	1.100514	2.6573%
1819	0.885145	1.129758	2.6261%
1818	0.862495	1.159427	2.6969%
1817	0.839845	1.190696	2.7717%
1816	0.817195	1.223698	2.8507%
1815	0.794545	1.258582	2.9343%
1814	0.771895	1.295513	3.0231%
1813	0.749245	1.334677	3.1039%
1812	0.726689	1.376104	3.2172%
1811	0.704039	1.420375	3.0969%
1810	0.682891	1.464363	2.9144%
1809	0.663552	1.507040	2.8225%
1808	0.645338	1.549576	2.9199%
1807	0.627029	1.594822	2.9918%
1806	0.608815	1.642536	3.0841%
1805	0.590600	1.693193	3.1822%
1804	0.572386	1.747073	3.2868%
1803	0.554171	1.804496	3.3985%
1802	0.535957	1.865821	3.5180%
1801	0.517743	1.931462	3.3999%
1800	0.500718	1.997131	2.8419%
1799	0.486882	2.053886	2.7485%
1798	0.473858	2.110337	2.8261%
1797	0.460834	2.169977	3.7832%
1796	0.444035	2.252072	2.1272%
1795	0.434787	2.299978	3.0879%
1794	0.421763	2.371000	3.1625%
1793	0.408834	2.445983	3.2904%
1792	0.395810	2.526466	3.4024%
1791	0.382786	2.612426	3.2296%
1790	0.370810	2.696796	41.3145%
1780	0.262401	3.810962	29.4353%
1770	0.202727	4.932731	83.4728%
1750	0.110495	9.050222	29.2845%
1740	0.085466	11.700530	94.2514%
1720	0.043998	22.728443	85.8111%
1700	0.023679	42.231965	19.2490%
1690	0.019857	50.361217	88.0250%
1670	0.010561	94.691689	

BASE YEAR: 1822

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	29.356286	0.034064	8.2857%
2001	27.110041	0.036887	1.0000%
2000	26.841622	0.037256	1.0000%

1999	26.575863	0.037628	1.0000%
1998	26.312736	0.038004	1.0000%
1997	26.052214	0.038384	1.0000%
1996	25.794271	0.038768	1.0000%
1995	25.538882	0.039156	0.9992%
1994	25.286217	0.039547	1.0008%
1993	25.035665	0.039943	1.0000%
1992	24.787787	0.040342	0.9295%
1991	24.559505	0.040717	1.2505%
1990	24.256178	0.041227	0.7224%
1989	24.082197	0.041524	1.1077%
1988	23.818368	0.041984	0.8834%
1987	23.609807	0.042355	0.5594%
1986	23.478477	0.042592	1.3056%
1985	23.175886	0.043148	0.7673%
1984	22.999416	0.043479	0.8149%
1983	22.813498	0.043834	0.9737%
1982	22.593494	0.044261	0.9508%
1981	22.380697	0.044681	0.9031%
1980	22.180394	0.045085	2.2701%
1979	21.688060	0.046108	1.0042%
1978	21.472439	0.046571	0.9896%
1977	21.262028	0.047032	0.9103%
1976	21.070218	0.047460	0.8394%
1975	20.894819	0.047859	0.9042%
1974	20.707587	0.048291	1.1568%
1973	20.470783	0.048850	0.9427%
1972	20.279607	0.049311	0.7426%
1971	20.130113	0.049677	1.4697%
1970	19.838539	0.050407	0.6968%
1969	19.701256	0.050758	0.8565%
1968	19.533940	0.051193	1.5090%
1967	19.243548	0.051965	0.9949%
1966	19.053978	0.052482	1.0575%
1965	18.854597	0.053037	1.1300%
1964	18.643918	0.053637	1.5537%
1963	18.358687	0.054470	1.4658%
1962	18.093470	0.055269	1.5364%
1961	17.819683	0.056118	2.1586%
1960	17.443148	0.057329	-1.6655%
1959	17.738581	0.056374	4.3080%
1958	17.005965	0.058803	2.1130%
1957	16.654071	0.060045	1.9895%
1956	16.329202	0.061240	2.1231%
1955	15.989725	0.062540	1.4496%
1954	15.761249	0.063447	2.1573%
1953	15.428418	0.064815	1.2298%
1952	15.240991	0.065613	1.6814%
1951	14.988971	0.066716	1.6233%
1950	14.749545	0.067799	1.4265%
1949	14.542097	0.068766	1.7790%
1948	14.287909	0.069989	1.8242%
1947	14.031944	0.071266	-2.6320%

1946	14.411253	0.069390	3.1768%
1945	13.967533	0.071595	6.4754%
1944	13.118082	0.076231	-0.3437%
1943	13.163321	0.075969	0.6562%
1942	13.077504	0.076467	0.6633%
1941	12.991332	0.076974	-5.6614%
1940	13.770966	0.072617	8.0381%
1939	12.746397	0.078454	0.8126%
1938	12.643650	0.079091	0.7762%
1937	12.546260	0.079705	0.6029%
1936	12.471075	0.080186	0.5244%
1935	12.406019	0.080606	-3.0364%
1934	12.794507	0.078159	4.6271%
1933	12.228672	0.081775	1.3921%
1932	12.060771	0.082913	-0.2051%
1931	12.085557	0.082743	0.8886%
1930	11.979111	0.083479	1.0126%
1929	11.859028	0.084324	1.1526%
1928	11.723899	0.085296	1.2160%
1927	11.583049	0.086333	1.4086%
1926	11.422159	0.087549	1.7667%
1925	11.223868	0.089096	1.4465%
1924	11.063830	0.090385	1.7700%
1923	10.871409	0.091984	1.6165%
1922	10.698466	0.093471	1.3736%
1921	10.553498	0.094755	2.3393%
1920	10.312262	0.096972	1.3140%
1919	10.178516	0.098246	0.7676%
1918	10.100976	0.099000	0.3870%
1917	10.062037	0.099383	1.3274%
1916	9.930220	0.100703	1.4083%
1915	9.792316	0.102121	1.4458%
1914	9.652756	0.103597	1.9424%
1913	9.468835	0.105610	1.9857%
1912	9.284476	0.107707	1.5634%
1911	9.141556	0.109391	1.8169%
1910	8.978426	0.111378	1.8781%
1909	8.812914	0.113470	2.0082%
1908	8.639414	0.115749	1.9603%
1907	8.473315	0.118018	1.8264%
1906	8.321338	0.120173	1.9357%
1905	8.163323	0.122499	2.0148%
1904	8.002094	0.124967	2.1335%
1903	7.834933	0.127634	1.8151%
1902	7.695253	0.129950	1.8943%
1901	7.552188	0.132412	3.0255%
1900	7.330407	0.136418	0.6278%
1899	7.284671	0.137275	1.7757%
1898	7.157577	0.139712	1.8078%
1897	7.030483	0.142238	1.8396%
1896	6.903487	0.144854	1.8755%
1895	6.776393	0.147571	1.9114%
1894	6.649299	0.150392	1.9486%

1893	6.522205	0.153322	1.9858%
1892	6.395208	0.156367	2.0276%
1891	6.268115	0.159538	2.6465%
1890	6.106505	0.163760	1.5328%
1889	6.014316	0.166270	2.0811%
1888	5.891702	0.169730	2.1599%
1887	5.767141	0.173396	2.2075%
1886	5.642579	0.177224	2.2592%
1885	5.517920	0.181228	2.3095%
1884	5.393358	0.185413	2.3641%
1883	5.268796	0.189797	2.4214%
1882	5.144235	0.194392	2.4815%
1881	5.019673	0.199216	3.7644%
1880	4.837568	0.206715	0.9432%
1879	4.792365	0.208665	2.1464%
1878	4.691663	0.213144	2.1913%
1877	4.591060	0.217815	2.2426%
1876	4.490358	0.222699	2.2941%
1875	4.389657	0.227808	2.3456%
1874	4.289053	0.233152	2.4043%
1873	4.188352	0.238757	2.4635%
1872	4.087651	0.244639	2.5258%
1871	3.986950	0.250818	5.9947%
1870	3.761462	0.265854	-1.0968%
1869	3.803175	0.262938	2.1930%
1868	3.721562	0.268704	2.2394%
1867	3.640047	0.274722	2.2935%
1866	3.558434	0.281022	2.3445%
1865	3.476919	0.287611	2.4037%
1864	3.395306	0.294524	2.4599%
1863	3.313790	0.301769	2.5250%
1862	3.232178	0.309389	2.5872%
1861	3.150662	0.317394	2.9504%
1860	3.060369	0.326758	2.4012%
1859	2.988605	0.334604	2.7627%
1858	2.908259	0.343848	2.8412%
1857	2.827912	0.353618	2.9243%
1856	2.747565	0.363959	3.0161%
1855	2.667121	0.374936	3.1061%
1854	2.586774	0.386582	3.2056%
1853	2.506428	0.398974	3.3118%
1852	2.426081	0.412187	3.4252%
1851	2.345734	0.426306	4.0106%
1850	2.255284	0.443403	2.3254%
1849	2.204032	0.453714	2.7841%
1848	2.144332	0.466346	2.8590%
1847	2.084729	0.479679	2.9432%
1846	2.025127	0.493796	3.0324%
1845	1.965524	0.508770	3.1325%
1844	1.905824	0.524707	3.2284%
1843	1.846221	0.541647	3.3361%
1842	1.786619	0.559717	3.4512%
1841	1.727016	0.579033	3.8105%

1840	1.663624	0.601097	2.3861%
1839	1.624854	0.615440	2.5824%
1838	1.583950	0.631333	2.6573%
1837	1.542949	0.648110	2.7232%
1836	1.502045	0.665759	2.7994%
1835	1.461141	0.684396	2.8871%
1834	1.420140	0.704156	2.9657%
1833	1.379236	0.725039	3.0563%
1832	1.338333	0.747198	3.1604%
1831	1.297332	0.770813	3.4660%
1830	1.253873	0.797529	2.4653%
1829	1.223705	0.817191	2.6804%
1828	1.191761	0.839095	10.3427%
1827	1.080055	0.925879	-4.2314%
1826	1.127776	0.886701	2.9150%
1825	1.095832	0.912549	3.0026%
1824	1.063888	0.939949	3.0955%
1823	1.031944	0.969045	3.1944%
1822	1.000000	1.000000	3.3102%
1821	0.967959	1.033102	3.2277%
1820	0.937692	1.066448	2.6573%
1819	0.913420	1.094786	2.6261%
1818	0.890047	1.123536	2.6969%
1817	0.866673	1.153838	2.7717%
1816	0.843300	1.185818	2.8507%
1815	0.819926	1.219622	2.9343%
1814	0.796552	1.255410	3.0231%
1813	0.773179	1.293362	3.1039%
1812	0.749903	1.333506	3.2172%
1811	0.726529	1.376408	3.0969%
1810	0.704705	1.419034	2.9144%
1809	0.684749	1.460390	2.8225%
1808	0.665952	1.501609	2.9199%
1807	0.647059	1.545455	2.9918%
1806	0.628263	1.591691	3.0841%
1805	0.609466	1.640780	3.1822%
1804	0.590670	1.692993	3.2868%
1803	0.571874	1.748638	3.3985%
1802	0.553078	1.808065	3.5180%
1801	0.534281	1.871673	3.3999%
1800	0.516713	1.935309	2.8419%
1799	0.502435	1.990308	2.7485%
1798	0.488995	2.045011	2.8261%
1797	0.475555	2.102806	3.7832%
1796	0.458220	2.182359	2.1272%
1795	0.448675	2.228782	3.0879%
1794	0.435236	2.297606	3.1625%
1793	0.421893	2.370268	3.2904%
1792	0.408453	2.448259	3.4024%
1791	0.395014	2.531558	3.2296%
1790	0.382656	2.613316	41.3145%
1780	0.270783	3.692994	29.4353%
1770	0.209203	4.780038	83.4728%

1750	0.114024	8.770072	29.2845%
1740	0.088196	11.338339	94.2514%
1720	0.045403	22.024882	85.8111%
1700	0.024435	40.924671	19.2490%
1690	0.020491	48.802281	88.0250%
1670	0.010898	91.760500	

BASE YEAR: 1821

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	30.328036	0.032973	8.2857%
2001	28.007435	0.035705	1.0000%
2000	27.730131	0.036062	1.0000%
1999	27.455575	0.036422	1.0000%
1998	27.183738	0.036787	1.0000%
1997	26.914592	0.037155	1.0000%
1996	26.648111	0.037526	1.0000%
1995	26.384268	0.037901	0.9992%
1994	26.123239	0.038280	1.0008%
1993	25.864394	0.038663	1.0000%
1992	25.608311	0.039050	0.9295%
1991	25.372472	0.039413	1.2505%
1990	25.059104	0.039906	0.7224%
1989	24.879364	0.040194	1.1077%
1988	24.606801	0.040639	0.8834%
1987	24.391337	0.040998	0.5594%
1986	24.255660	0.041227	1.3056%
1985	23.943053	0.041766	0.7673%
1984	23.760741	0.042086	0.8149%
1983	23.568669	0.042429	0.9737%
1982	23.341382	0.042842	0.9508%
1981	23.121541	0.043250	0.9031%
1980	22.914607	0.043640	2.2701%
1979	22.405976	0.044631	1.0042%
1978	22.183218	0.045079	0.9896%
1977	21.965842	0.045525	0.9103%
1976	21.767683	0.045940	0.8394%
1975	21.586478	0.046325	0.9042%
1974	21.393048	0.046744	1.1568%
1973	21.148405	0.047285	0.9427%
1972	20.950900	0.047731	0.7426%
1971	20.796458	0.048085	1.4697%
1970	20.495232	0.048792	0.6968%
1969	20.353406	0.049132	0.8565%
1968	20.180551	0.049553	1.5090%
1967	19.880546	0.050300	0.9949%
1966	19.684702	0.050801	1.0575%
1965	19.478720	0.051338	1.1300%
1964	19.261068	0.051918	1.5537%
1963	18.966395	0.052725	1.4658%
1962	18.692399	0.053498	1.5364%
1961	18.409548	0.054320	2.1586%

1960	18.020550	0.055492	-1.6655%
1959	18.325762	0.054568	4.3080%
1958	17.568895	0.056919	2.1130%
1957	17.205353	0.058121	1.9895%
1956	16.869730	0.059278	2.1231%
1955	16.519016	0.060536	1.4496%
1954	16.282976	0.061414	2.1573%
1953	15.939129	0.062739	1.2298%
1952	15.745498	0.063510	1.6814%
1951	15.485134	0.064578	1.6233%
1950	15.237783	0.065626	1.4265%
1949	15.023468	0.066563	1.7790%
1948	14.760866	0.067747	1.8242%
1947	14.496428	0.068983	-2.6320%
1946	14.888294	0.067167	3.1768%
1945	14.429885	0.069301	6.4754%
1944	13.552316	0.073788	-0.3437%
1943	13.599053	0.073535	0.6562%
1942	13.510394	0.074017	0.6633%
1941	13.421370	0.074508	-5.6614%
1940	14.226811	0.070290	8.0381%
1939	13.168327	0.075940	0.8126%
1938	13.062179	0.076557	0.7762%
1937	12.961566	0.077151	0.6029%
1936	12.883892	0.077616	0.5244%
1935	12.816682	0.078023	-3.0364%
1934	13.218030	0.075654	4.6271%
1933	12.633464	0.079155	1.3921%
1932	12.460006	0.080257	-0.2051%
1931	12.485612	0.080092	0.8886%
1930	12.375643	0.080804	1.0126%
1929	12.251585	0.081622	1.1526%
1928	12.111983	0.082563	1.2160%
1927	11.966470	0.083567	1.4086%
1926	11.800254	0.084744	1.7667%
1925	11.595400	0.086241	1.4465%
1924	11.430064	0.087489	1.7700%
1923	11.231273	0.089037	1.6165%
1922	11.052606	0.090476	1.3736%
1921	10.902839	0.091719	2.3393%
1920	10.653618	0.093865	1.3140%
1919	10.515444	0.095098	0.7676%
1918	10.435338	0.095828	0.3870%
1917	10.395110	0.096199	1.3274%
1916	10.258929	0.097476	1.4083%
1915	10.116460	0.098849	1.4458%
1914	9.972281	0.100278	1.9424%
1913	9.782272	0.102226	1.9857%
1912	9.591810	0.104256	1.5634%
1911	9.444159	0.105886	1.8169%
1910	9.275629	0.107809	1.8781%
1909	9.104638	0.109834	2.0082%
1908	8.925395	0.112040	1.9603%

1907	8.753798	0.114236	1.8264%
1906	8.596790	0.116322	1.9357%
1905	8.433545	0.118574	2.0148%
1904	8.266979	0.120963	2.1335%
1903	8.094285	0.123544	1.8151%
1902	7.949981	0.125786	1.8943%
1901	7.802180	0.128169	3.0255%
1900	7.573057	0.132047	0.6278%
1899	7.525807	0.132876	1.7757%
1898	7.394506	0.135236	1.8078%
1897	7.263206	0.137680	1.8396%
1896	7.132005	0.140213	1.8755%
1895	7.000704	0.142843	1.9114%
1894	6.869403	0.145573	1.9486%
1893	6.738102	0.148410	1.9858%
1892	6.606902	0.151357	2.0276%
1891	6.475601	0.154426	2.6465%
1890	6.308642	0.158513	1.5328%
1889	6.213402	0.160942	2.0811%
1888	6.086729	0.164292	2.1599%
1887	5.958044	0.167840	2.2075%
1886	5.829359	0.171545	2.2592%
1885	5.700573	0.175421	2.3095%
1884	5.571889	0.179472	2.3641%
1883	5.443204	0.183715	2.4214%
1882	5.314519	0.188164	2.4815%
1881	5.185834	0.192833	3.7644%
1880	4.997700	0.200092	0.9432%
1879	4.951001	0.201979	2.1464%
1878	4.846966	0.206315	2.1913%
1877	4.743032	0.210836	2.2426%
1876	4.638998	0.215564	2.2941%
1875	4.534963	0.220509	2.3456%
1874	4.431029	0.225681	2.4043%
1873	4.326995	0.231107	2.4635%
1872	4.222960	0.236801	2.5258%
1871	4.118925	0.242782	5.9947%
1870	3.885974	0.257336	-1.0968%
1869	3.929067	0.254513	2.1930%
1868	3.844753	0.260095	2.2394%
1867	3.760539	0.265919	2.2935%
1866	3.676225	0.272018	2.3445%
1865	3.592011	0.278396	2.4037%
1864	3.507697	0.285087	2.4599%
1863	3.423483	0.292100	2.5250%
1862	3.339169	0.299476	2.5872%
1861	3.254955	0.307224	2.9504%
1860	3.161673	0.316288	2.4012%
1859	3.087534	0.323883	2.7627%
1858	3.004528	0.332831	2.8412%
1857	2.921521	0.342287	2.9243%
1856	2.838515	0.352297	3.0161%
1855	2.755408	0.362923	3.1061%

1854	2.672402	0.374195	3.2056%
1853	2.589395	0.386191	3.3118%
1852	2.506389	0.398980	3.4252%
1851	2.423383	0.412646	4.0106%
1850	2.329938	0.429196	2.3254%
1849	2.276990	0.439176	2.7841%
1848	2.215313	0.451403	2.8590%
1847	2.153738	0.464309	2.9432%
1846	2.092162	0.477974	3.0324%
1845	2.030587	0.492469	3.1325%
1844	1.968910	0.507895	3.2284%
1843	1.907335	0.524292	3.3361%
1842	1.845759	0.541783	3.4512%
1841	1.784184	0.560480	3.8105%
1840	1.718693	0.581838	2.3861%
1839	1.678640	0.595720	2.5824%
1838	1.636382	0.611104	2.6573%
1837	1.594024	0.627343	2.7232%
1836	1.551766	0.644427	2.7994%
1835	1.509508	0.662468	2.8871%
1834	1.467150	0.681594	2.9657%
1833	1.424892	0.701808	3.0563%
1832	1.382634	0.723257	3.1604%
1831	1.340276	0.746115	3.4660%
1830	1.295378	0.771975	2.4653%
1829	1.264212	0.791007	2.6804%
1828	1.231210	0.812209	10.3427%
1827	1.115806	0.896213	-4.2314%
1826	1.165107	0.858290	2.9150%
1825	1.132106	0.883310	3.0026%
1824	1.099105	0.909832	3.0955%
1823	1.066103	0.937995	3.1944%
1822	1.033102	0.967959	3.3102%
1821	1.000000	1.000000	3.2277%
1820	0.968732	1.032277	2.6573%
1819	0.943656	1.059708	2.6261%
1818	0.919509	1.087537	2.6969%
1817	0.895362	1.116867	2.7717%
1816	0.871214	1.147823	2.8507%
1815	0.847067	1.180544	2.9343%
1814	0.822920	1.215185	3.0231%
1813	0.798773	1.251921	3.1039%
1812	0.774726	1.290779	3.2172%
1811	0.750579	1.332306	3.0969%
1810	0.728032	1.373566	2.9144%
1809	0.707415	1.413597	2.8225%
1808	0.687997	1.453495	2.9199%
1807	0.668478	1.495936	2.9918%
1806	0.649059	1.540691	3.0841%
1805	0.629641	1.588207	3.1822%
1804	0.610222	1.638747	3.2868%
1803	0.590804	1.692609	3.3985%
1802	0.571385	1.750132	3.5180%

1801	0.551967	1.811703	3.3999%
1800	0.533817	1.873299	2.8419%
1799	0.519066	1.926536	2.7485%
1798	0.505182	1.979486	2.8261%
1797	0.491297	2.035429	3.7832%
1796	0.473388	2.112434	2.1272%
1795	0.463528	2.157369	3.0879%
1794	0.449643	2.223987	3.1625%
1793	0.435859	2.294321	3.2904%
1792	0.421974	2.369814	3.4024%
1791	0.408089	2.450444	3.2296%
1790	0.395322	2.529582	41.3145%
1780	0.279746	3.574666	29.4353%
1770	0.216128	4.626880	83.4728%
1750	0.117799	8.489067	29.2845%
1740	0.091116	10.975044	94.2514%
1720	0.046906	21.319176	85.8111%
1700	0.025244	39.613392	19.2490%
1690	0.021169	47.238593	88.0250%
1670	0.011259	88.820375	

BASE YEAR: 1820

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	31.306946	0.031942	8.2857%
2001	28.911442	0.034588	1.0000%
2000	28.625187	0.034934	1.0000%
1999	28.341770	0.035284	1.0000%
1998	28.061158	0.035636	1.0000%
1997	27.783325	0.035993	1.0000%
1996	27.508242	0.036353	1.0000%
1995	27.235883	0.036716	0.9992%
1994	26.966429	0.037083	1.0008%
1993	26.699229	0.037454	1.0000%
1992	26.434880	0.037829	0.9295%
1991	26.191429	0.038180	1.2505%
1990	25.867947	0.038658	0.7224%
1989	25.682405	0.038937	1.1077%
1988	25.401045	0.039368	0.8834%
1987	25.178626	0.039716	0.5594%
1986	25.038569	0.039938	1.3056%
1985	24.715872	0.040460	0.7673%
1984	24.527675	0.040770	0.8149%
1983	24.329404	0.041103	0.9737%
1982	24.094781	0.041503	0.9508%
1981	23.867844	0.041897	0.9031%
1980	23.654231	0.042276	2.2701%
1979	23.129183	0.043235	1.0042%
1978	22.899234	0.043670	0.9896%
1977	22.674842	0.044102	0.9103%
1976	22.470287	0.044503	0.8394%
1975	22.283233	0.044877	0.9042%

1974	22.083559	0.045283	1.1568%
1973	21.831021	0.045806	0.9427%
1972	21.627141	0.046238	0.7426%
1971	21.467714	0.046582	1.4697%
1970	21.156765	0.047266	0.6968%
1969	21.010361	0.047596	0.8565%
1968	20.831927	0.048003	1.5090%
1967	20.522238	0.048728	0.9949%
1966	20.320072	0.049212	1.0575%
1965	20.107442	0.049733	1.1300%
1964	19.882764	0.050295	1.5537%
1963	19.578581	0.051076	1.4658%
1962	19.295740	0.051825	1.5364%
1961	19.003760	0.052621	2.1586%
1960	18.602206	0.053757	-1.6655%
1959	18.917270	0.052862	4.3080%
1958	18.135973	0.055139	2.1130%
1957	17.760697	0.056304	1.9895%
1956	17.414241	0.057424	2.1231%
1955	17.052207	0.058643	1.4496%
1954	16.808548	0.059494	2.1573%
1953	16.453602	0.060777	1.2298%
1952	16.253721	0.061524	1.6814%
1951	15.984954	0.062559	1.6233%
1950	15.729619	0.063574	1.4265%
1949	15.508386	0.064481	1.7790%
1948	15.237309	0.065628	1.8242%
1947	14.964335	0.066826	-2.6320%
1946	15.368849	0.065067	3.1768%
1945	14.895644	0.067134	6.4754%
1944	13.989749	0.071481	-0.3437%
1943	14.037995	0.071235	0.6562%
1942	13.946475	0.071703	0.6633%
1941	13.854577	0.072178	-5.6614%
1940	14.686015	0.068092	8.0381%
1939	13.593366	0.073565	0.8126%
1938	13.483792	0.074163	0.7762%
1937	13.379931	0.074739	0.6029%
1936	13.299750	0.075189	0.5244%
1935	13.230371	0.075584	-3.0364%
1934	13.644673	0.073289	4.6271%
1933	13.041239	0.076680	1.3921%
1932	12.862183	0.077747	-0.2051%
1931	12.888615	0.077588	0.8886%
1930	12.775096	0.078277	1.0126%
1929	12.647034	0.079070	1.1526%
1928	12.502926	0.079981	1.2160%
1927	12.352717	0.080954	1.4086%
1926	12.181136	0.082094	1.7667%
1925	11.969669	0.083544	1.4465%
1924	11.798996	0.084753	1.7700%
1923	11.593789	0.086253	1.6165%
1922	11.409355	0.087647	1.3736%

1921	11.254755	0.088851	2.3393%
1920	10.997489	0.090930	1.3140%
1919	10.854855	0.092125	0.7676%
1918	10.772164	0.092832	0.3870%
1917	10.730637	0.093191	1.3274%
1916	10.590061	0.094428	1.4083%
1915	10.442993	0.095758	1.4458%
1914	10.294160	0.097142	1.9424%
1913	10.098018	0.099029	1.9857%
1912	9.901409	0.100996	1.5634%
1911	9.748992	0.102575	1.8169%
1910	9.575022	0.104438	1.8781%
1909	9.398512	0.106400	2.0082%
1908	9.213483	0.108537	1.9603%
1907	9.036348	0.110664	1.8264%
1906	8.874272	0.112685	1.9357%
1905	8.705757	0.114867	2.0148%
1904	8.533815	0.117181	2.1335%
1903	8.355547	0.119681	1.8151%
1902	8.206585	0.121853	1.8943%
1901	8.054014	0.124162	3.0255%
1900	7.817496	0.127918	0.6278%
1899	7.768721	0.128721	1.7757%
1898	7.633182	0.131007	1.8078%
1897	7.497643	0.133375	1.8396%
1896	7.362208	0.135829	1.8755%
1895	7.226669	0.138376	1.9114%
1894	7.091130	0.141021	1.9486%
1893	6.955591	0.143769	1.9858%
1892	6.820156	0.146624	2.0276%
1891	6.684617	0.149597	2.6465%
1890	6.512268	0.153556	1.5328%
1889	6.413954	0.155910	2.0811%
1888	6.283193	0.159155	2.1599%
1887	6.150354	0.162592	2.2075%
1886	6.017516	0.166182	2.2592%
1885	5.884573	0.169936	2.3095%
1884	5.751735	0.173861	2.3641%
1883	5.618896	0.177971	2.4214%
1882	5.486057	0.182280	2.4815%
1881	5.353219	0.186804	3.7644%
1880	5.159013	0.193836	0.9432%
1879	5.110806	0.195664	2.1464%
1878	5.003414	0.199864	2.1913%
1877	4.896125	0.204243	2.2426%
1876	4.788733	0.208824	2.2941%
1875	4.681340	0.213614	2.3456%
1874	4.574051	0.218625	2.4043%
1873	4.466659	0.223881	2.4635%
1872	4.359266	0.229396	2.5258%
1871	4.251874	0.235190	5.9947%
1870	4.011403	0.249289	-1.0968%
1869	4.055887	0.246555	2.1930%

1868	3.968852	0.251962	2.2394%
1867	3.881920	0.257605	2.2935%
1866	3.794884	0.263513	2.3445%
1865	3.707952	0.269691	2.4037%
1864	3.620916	0.276173	2.4599%
1863	3.533984	0.282967	2.5250%
1862	3.446949	0.290112	2.5872%
1861	3.360017	0.297618	2.9504%
1860	3.263724	0.306398	2.4012%
1859	3.187191	0.313756	2.7627%
1858	3.101506	0.322424	2.8412%
1857	3.015820	0.331585	2.9243%
1856	2.930135	0.341281	3.0161%
1855	2.844345	0.351575	3.1061%
1854	2.758660	0.362495	3.2056%
1853	2.672974	0.374115	3.3118%
1852	2.587289	0.386505	3.4252%
1851	2.501603	0.399744	4.0106%
1850	2.405142	0.415776	2.3254%
1849	2.350485	0.425444	2.7841%
1848	2.286818	0.437289	2.8590%
1847	2.223255	0.449791	2.9432%
1846	2.159692	0.463029	3.0324%
1845	2.096129	0.477070	3.1325%
1844	2.032462	0.492014	3.2284%
1843	1.968899	0.507898	3.3361%
1842	1.905335	0.524842	3.4512%
1841	1.841772	0.542955	3.8105%
1840	1.774168	0.563645	2.3861%
1839	1.732822	0.577093	2.5824%
1838	1.689200	0.591996	2.6573%
1837	1.645474	0.607727	2.7232%
1836	1.601853	0.624277	2.7994%
1835	1.558231	0.641753	2.8871%
1834	1.514505	0.660282	2.9657%
1833	1.470884	0.679863	3.0563%
1832	1.427262	0.700642	3.1604%
1831	1.383536	0.722786	3.4660%
1830	1.337190	0.747837	2.4653%
1829	1.305017	0.766273	2.6804%
1828	1.270951	0.786813	10.3427%
1827	1.151822	0.868190	-4.2314%
1826	1.202714	0.831453	2.9150%
1825	1.168647	0.855690	3.0026%
1824	1.134581	0.881383	3.0955%
1823	1.100514	0.908666	3.1944%
1822	1.066448	0.937692	3.3102%
1821	1.032277	0.968732	3.2277%
1820	1.000000	1.000000	2.6573%
1819	0.974115	1.026573	2.6261%
1818	0.949188	1.053532	2.6969%
1817	0.924262	1.081945	2.7717%
1816	0.899335	1.111933	2.8507%

1815	0.874408	1.143631	2.9343%
1814	0.849482	1.177189	3.0231%
1813	0.824555	1.212776	3.1039%
1812	0.799732	1.250419	3.2172%
1811	0.774805	1.290647	3.0969%
1810	0.751531	1.330617	2.9144%
1809	0.730249	1.369396	2.8225%
1808	0.710204	1.408047	2.9199%
1807	0.690054	1.449161	2.9918%
1806	0.670009	1.492517	3.0841%
1805	0.649964	1.538547	3.1822%
1804	0.629919	1.587506	3.2868%
1803	0.609874	1.639684	3.3985%
1802	0.589828	1.695409	3.5180%
1801	0.569783	1.755054	3.3999%
1800	0.551048	1.814725	2.8419%
1799	0.535820	1.866297	2.7485%
1798	0.521488	1.917591	2.8261%
1797	0.507155	1.971785	3.7832%
1796	0.488667	2.046382	2.1272%
1795	0.478489	2.089912	3.0879%
1794	0.464156	2.154448	3.1625%
1793	0.449927	2.222582	3.2904%
1792	0.435594	2.295714	3.4024%
1791	0.421261	2.373823	3.2296%
1790	0.408082	2.450487	41.3145%
1780	0.288776	3.462892	29.4353%
1770	0.223104	4.482206	83.4728%
1750	0.121601	8.223630	29.2845%
1740	0.094057	10.631875	94.2514%
1720	0.048420	20.652565	85.8111%
1700	0.026059	38.374755	19.2490%
1690	0.021852	45.761530	88.0250%
1670	0.011622	86.043128	

BASE YEAR: 1819

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	32.138858	0.031115	8.2857%
2001	29.679699	0.033693	1.0000%
2000	29.385838	0.034030	1.0000%
1999	29.094889	0.034370	1.0000%
1998	28.806821	0.034714	1.0000%
1997	28.521605	0.035061	1.0000%
1996	28.239212	0.035412	1.0000%
1995	27.959616	0.035766	0.9992%
1994	27.683002	0.036123	1.0008%
1993	27.408701	0.036485	1.0000%
1992	27.137328	0.036850	0.9295%
1991	26.887408	0.037192	1.2505%
1990	26.555330	0.037657	0.7224%
1989	26.364858	0.037929	1.1077%

1988	26.076021	0.038349	0.8834%
1987	25.847692	0.038688	0.5594%
1986	25.703913	0.038905	1.3056%
1985	25.372641	0.039413	0.7673%
1984	25.179443	0.039715	0.8149%
1983	24.975904	0.040039	0.9737%
1982	24.735046	0.040428	0.9508%
1981	24.502079	0.040813	0.9031%
1980	24.282790	0.041181	2.2701%
1979	23.743789	0.042116	1.0042%
1978	23.507730	0.042539	0.9896%
1977	23.277375	0.042960	0.9103%
1976	23.067385	0.043351	0.8394%
1975	22.875360	0.043715	0.9042%
1974	22.670381	0.044110	1.1568%
1973	22.411131	0.044621	0.9427%
1972	22.201834	0.045041	0.7426%
1971	22.038170	0.045376	1.4697%
1970	21.718959	0.046043	0.6968%
1969	21.568664	0.046364	0.8565%
1968	21.385489	0.046761	1.5090%
1967	21.067571	0.047466	0.9949%
1966	20.860033	0.047939	1.0575%
1965	20.641753	0.048445	1.1300%
1964	20.411105	0.048993	1.5537%
1963	20.098838	0.049754	1.4658%
1962	19.808482	0.050483	1.5364%
1961	19.508743	0.051259	2.1586%
1960	19.096518	0.052366	-1.6655%
1959	19.419954	0.051493	4.3080%
1958	18.617896	0.053712	2.1130%
1957	18.232647	0.054847	1.9895%
1956	17.876986	0.055938	2.1231%
1955	17.505331	0.057125	1.4496%
1954	17.255198	0.057954	2.1573%
1953	16.890820	0.059204	1.2298%
1952	16.685627	0.059932	1.6814%
1951	16.409719	0.060939	1.6233%
1950	16.147599	0.061929	1.4265%
1949	15.920487	0.062812	1.7790%
1948	15.642206	0.063930	1.8242%
1947	15.361979	0.065096	-2.6320%
1946	15.777242	0.063382	3.1768%
1945	15.291462	0.065396	6.4754%
1944	14.361496	0.069631	-0.3437%
1943	14.411023	0.069391	0.6562%
1942	14.317071	0.069847	0.6633%
1941	14.222732	0.070310	-5.6614%
1940	15.076263	0.066329	8.0381%
1939	13.954579	0.071661	0.8126%
1938	13.842094	0.072243	0.7762%
1937	13.735473	0.072804	0.6029%
1936	13.653161	0.073243	0.5244%

1935	13.581938	0.073627	-3.0364%
1934	14.007250	0.071392	4.6271%
1933	13.387781	0.074695	1.3921%
1932	13.203966	0.075735	-0.2051%
1931	13.231101	0.075579	0.8886%
1930	13.114566	0.076251	1.0126%
1929	12.983101	0.077023	1.1526%
1928	12.835164	0.077911	1.2160%
1927	12.680963	0.078858	1.4086%
1926	12.504822	0.079969	1.7667%
1925	12.287736	0.081382	1.4465%
1924	12.112528	0.082559	1.7700%
1923	11.901869	0.084020	1.6165%
1922	11.712533	0.085379	1.3736%
1921	11.553825	0.086551	2.3393%
1920	11.289723	0.088576	1.3140%
1919	11.143299	0.089740	0.7676%
1918	11.058410	0.090429	0.3870%
1917	11.015780	0.090779	1.3274%
1916	10.871468	0.091984	1.4083%
1915	10.720493	0.093279	1.4458%
1914	10.567704	0.094628	1.9424%
1913	10.366350	0.096466	1.9857%
1912	10.164516	0.098381	1.5634%
1911	10.008050	0.099920	1.8169%
1910	9.829457	0.101735	1.8781%
1909	9.648257	0.103646	2.0082%
1908	9.458311	0.105727	1.9603%
1907	9.276469	0.107800	1.8264%
1906	9.110086	0.109768	1.9357%
1905	8.937094	0.111893	2.0148%
1904	8.760582	0.114148	2.1335%
1903	8.577577	0.116583	1.8151%
1902	8.424657	0.118699	1.8943%
1901	8.268032	0.120948	3.0255%
1900	8.025228	0.124607	0.6278%
1899	7.975157	0.125389	1.7757%
1898	7.836017	0.127616	1.8078%
1897	7.696876	0.129923	1.8396%
1896	7.557842	0.132313	1.8755%
1895	7.418701	0.134794	1.9114%
1894	7.279561	0.137371	1.9486%
1893	7.140420	0.140048	1.9858%
1892	7.001386	0.142829	2.0276%
1891	6.862245	0.145725	2.6465%
1890	6.685317	0.149582	1.5328%
1889	6.584391	0.151874	2.0811%
1888	6.450155	0.155035	2.1599%
1887	6.313786	0.158384	2.2075%
1886	6.177418	0.161880	2.2592%
1885	6.040943	0.165537	2.3095%
1884	5.904574	0.169360	2.3641%
1883	5.768206	0.173364	2.4214%

1882	5.631837	0.177562	2.4815%
1881	5.495469	0.181968	3.7644%
1880	5.296102	0.188818	0.9432%
1879	5.246615	0.190599	2.1464%
1878	5.136368	0.194690	2.1913%
1877	5.026229	0.198956	2.2426%
1876	4.915983	0.203418	2.2941%
1875	4.805736	0.208085	2.3456%
1874	4.695597	0.212965	2.4043%
1873	4.585350	0.218086	2.4635%
1872	4.475104	0.223458	2.5258%
1871	4.364858	0.229103	5.9947%
1870	4.117997	0.242836	-1.0968%
1869	4.163664	0.240173	2.1930%
1868	4.074315	0.245440	2.2394%
1867	3.985073	0.250936	2.2935%
1866	3.895724	0.256692	2.3445%
1865	3.806483	0.262710	2.4037%
1864	3.717134	0.269024	2.4599%
1863	3.627892	0.275642	2.5250%
1862	3.538544	0.282602	2.5872%
1861	3.449302	0.289914	2.9504%
1860	3.350450	0.298467	2.4012%
1859	3.271884	0.305634	2.7627%
1858	3.183922	0.314078	2.8412%
1857	3.095959	0.323002	2.9243%
1856	3.007997	0.332447	3.0161%
1855	2.919927	0.342474	3.1061%
1854	2.831965	0.353112	3.2056%
1853	2.744003	0.364431	3.3118%
1852	2.656040	0.376500	3.4252%
1851	2.568078	0.389396	4.0106%
1850	2.469054	0.405013	2.3254%
1849	2.412944	0.414432	2.7841%
1848	2.347585	0.425970	2.8590%
1847	2.282333	0.438148	2.9432%
1846	2.217081	0.451044	3.0324%
1845	2.151829	0.464721	3.1325%
1844	2.086470	0.479278	3.2284%
1843	2.021218	0.494751	3.3361%
1842	1.955965	0.511256	3.4512%
1841	1.890713	0.528901	3.8105%
1840	1.821312	0.549055	2.3861%
1839	1.778868	0.562155	2.5824%
1838	1.734087	0.576672	2.6573%
1837	1.689199	0.591996	2.7232%
1836	1.644418	0.608118	2.7994%
1835	1.599637	0.625142	2.8871%
1834	1.554750	0.643190	2.9657%
1833	1.509969	0.662265	3.0563%
1832	1.465188	0.682506	3.1604%
1831	1.420301	0.704076	3.4660%
1830	1.372723	0.728479	2.4653%

1829	1.339695	0.746439	2.6804%
1828	1.304723	0.766446	10.3427%
1827	1.182429	0.845717	-4.2314%
1826	1.234673	0.809931	2.9150%
1825	1.199701	0.833541	3.0026%
1824	1.164730	0.858568	3.0955%
1823	1.129758	0.885145	3.1944%
1822	1.094786	0.913420	3.3102%
1821	1.059708	0.943656	3.2277%
1820	1.026573	0.974115	2.6573%
1819	1.000000	1.000000	2.6261%
1818	0.974411	1.026261	2.6969%
1817	0.948822	1.053939	2.7717%
1816	0.923233	1.083150	2.8507%
1815	0.897644	1.114028	2.9343%
1814	0.872055	1.146717	3.0231%
1813	0.846466	1.181383	3.1039%
1812	0.820983	1.218052	3.2172%
1811	0.795394	1.257239	3.0969%
1810	0.771501	1.296174	2.9144%
1809	0.749653	1.333950	2.8225%
1808	0.729076	1.371600	2.9199%
1807	0.708391	1.411650	2.9918%
1806	0.687813	1.453883	3.0841%
1805	0.667235	1.498722	3.1822%
1804	0.646657	1.546414	3.2868%
1803	0.626080	1.597241	3.3985%
1802	0.605502	1.651523	3.5180%
1801	0.584924	1.709624	3.3999%
1800	0.565691	1.767751	2.8419%
1799	0.550059	1.817988	2.7485%
1798	0.535345	1.867955	2.8261%
1797	0.520631	1.920745	3.7832%
1796	0.501653	1.993411	2.1272%
1795	0.491204	2.035815	3.0879%
1794	0.476490	2.098680	3.1625%
1793	0.461883	2.165051	3.2904%
1792	0.447169	2.236290	3.4024%
1791	0.432455	2.312377	3.2296%
1790	0.418926	2.387056	41.3145%
1780	0.296450	3.373256	29.4353%
1770	0.229033	4.366184	83.4728%
1750	0.124832	8.010762	29.2845%
1740	0.096556	10.356670	94.2514%
1720	0.049707	20.117975	85.8111%
1700	0.026751	37.381427	19.2490%
1690	0.022433	44.576996	88.0250%
1670	0.011931	83.815907	

BASE YEAR: 1818

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	32.982859	0.030319	8.2857%
2001	30.459120	0.032831	1.0000%
2000	30.157542	0.033159	1.0000%
1999	29.858952	0.033491	1.0000%
1998	29.563319	0.033826	1.0000%
1997	29.270613	0.034164	1.0000%
1996	28.980805	0.034506	1.0000%
1995	28.693866	0.034851	0.9992%
1994	28.409987	0.035199	1.0008%
1993	28.128483	0.035551	1.0000%
1992	27.849984	0.035907	0.9295%
1991	27.593500	0.036240	1.2505%
1990	27.252701	0.036694	0.7224%
1989	27.057227	0.036959	1.1077%
1988	26.760805	0.037368	0.8834%
1987	26.526480	0.037698	0.5594%
1986	26.378925	0.037909	1.3056%
1985	26.038954	0.038404	0.7673%
1984	25.840683	0.038699	0.8149%
1983	25.631798	0.039014	0.9737%
1982	25.384615	0.039394	0.9508%
1981	25.145530	0.039768	0.9031%
1980	24.920482	0.040128	2.2701%
1979	24.367327	0.041039	1.0042%
1978	24.125068	0.041451	0.9896%
1977	23.888664	0.041861	0.9103%
1976	23.673159	0.042242	0.8394%
1975	23.476091	0.042597	0.9042%
1974	23.265729	0.042982	1.1568%
1973	22.999672	0.043479	0.9427%
1972	22.784878	0.043889	0.7426%
1971	22.616917	0.044215	1.4697%
1970	22.289322	0.044865	0.6968%
1969	22.135080	0.045177	0.8565%
1968	21.947095	0.045564	1.5090%
1967	21.620828	0.046252	0.9949%
1966	21.407840	0.046712	1.0575%
1965	21.183828	0.047206	1.1300%
1964	20.947122	0.047739	1.5537%
1963	20.626655	0.048481	1.4658%
1962	20.328674	0.049192	1.5364%
1961	20.021064	0.049947	2.1586%
1960	19.598013	0.051026	-1.6655%
1959	19.929943	0.050176	4.3080%
1958	19.106822	0.052337	2.1130%
1957	18.711456	0.053443	1.9895%
1956	18.346455	0.054506	2.1231%
1955	17.965040	0.055664	1.4496%
1954	17.708338	0.056471	2.1573%
1953	17.334391	0.057689	1.2298%
1952	17.123810	0.058398	1.6814%
1951	16.840655	0.059380	1.6233%
1950	16.571652	0.060344	1.4265%

1949	16.338576	0.061205	1.7790%
1948	16.052987	0.062294	1.8242%
1947	15.765401	0.063430	-2.6320%
1946	16.191569	0.061761	3.1768%
1945	15.693033	0.063723	6.4754%
1944	14.738644	0.067849	-0.3437%
1943	14.789472	0.067616	0.6562%
1942	14.693053	0.068059	0.6633%
1941	14.596236	0.068511	-5.6614%
1940	15.472182	0.064632	8.0381%
1939	14.321042	0.069827	0.8126%
1938	14.205602	0.070395	0.7762%
1937	14.096181	0.070941	0.6029%
1936	14.011708	0.071369	0.5244%
1935	13.938615	0.071743	-3.0364%
1934	14.375096	0.069565	4.6271%
1933	13.739359	0.072784	1.3921%
1932	13.550717	0.073797	-0.2051%
1931	13.578564	0.073645	0.8886%
1930	13.458968	0.074300	1.0126%
1929	13.324051	0.075052	1.1526%
1928	13.172229	0.075917	1.2160%
1927	13.013979	0.076840	1.4086%
1926	12.833212	0.077923	1.7667%
1925	12.610426	0.079299	1.4465%
1924	12.430616	0.080447	1.7700%
1923	12.214424	0.081870	1.6165%
1922	12.020117	0.083194	1.3736%
1921	11.857241	0.084337	2.3393%
1920	11.586203	0.086310	1.3140%
1919	11.435934	0.087444	0.7676%
1918	11.348816	0.088115	0.3870%
1917	11.305066	0.088456	1.3274%
1916	11.156965	0.089630	1.4083%
1915	11.002024	0.090892	1.4458%
1914	10.845224	0.092206	1.9424%
1913	10.638582	0.093997	1.9857%
1912	10.431448	0.095864	1.5634%
1911	10.270872	0.097363	1.8169%
1910	10.087589	0.099132	1.8781%
1909	9.901630	0.100993	2.0082%
1908	9.706697	0.103022	1.9603%
1907	9.520079	0.105041	1.8264%
1906	9.349327	0.106960	1.9357%
1905	9.171791	0.109030	2.0148%
1904	8.990644	0.111227	2.1335%
1903	8.802834	0.113600	1.8151%
1902	8.645898	0.115662	1.8943%
1901	8.485159	0.117853	3.0255%
1900	8.235980	0.121418	0.6278%
1899	8.184594	0.122181	1.7757%
1898	8.041799	0.124350	1.8078%
1897	7.899004	0.126598	1.8396%

1896	7.756319	0.128927	1.8755%
1895	7.613524	0.131345	1.9114%
1894	7.470730	0.133856	1.9486%
1893	7.327935	0.136464	1.9858%
1892	7.185250	0.139174	2.0276%
1891	7.042455	0.141996	2.6465%
1890	6.860881	0.145754	1.5328%
1889	6.757304	0.147988	2.0811%
1888	6.619543	0.151068	2.1599%
1887	6.479593	0.154331	2.2075%
1886	6.339643	0.157738	2.2592%
1885	6.199584	0.161301	2.3095%
1884	6.059635	0.165026	2.3641%
1883	5.919685	0.168928	2.4214%
1882	5.779735	0.173018	2.4815%
1881	5.639786	0.177312	3.7644%
1880	5.435184	0.183986	0.9432%
1879	5.384397	0.185722	2.1464%
1878	5.271255	0.189708	2.1913%
1877	5.158223	0.193865	2.2426%
1876	5.045082	0.198213	2.2941%
1875	4.931940	0.202760	2.3456%
1874	4.818908	0.207516	2.4043%
1873	4.705766	0.212505	2.4635%
1872	4.592625	0.217740	2.5258%
1871	4.479484	0.223240	5.9947%
1870	4.226140	0.236623	-1.0968%
1869	4.273006	0.234027	2.1930%
1868	4.181311	0.239159	2.2394%
1867	4.089725	0.244515	2.2935%
1866	3.998030	0.250123	2.3445%
1865	3.906445	0.255987	2.4037%
1864	3.814750	0.262140	2.4599%
1863	3.723164	0.268589	2.5250%
1862	3.631470	0.275371	2.5872%
1861	3.539884	0.282495	2.9504%
1860	3.438436	0.290830	2.4012%
1859	3.357807	0.297813	2.7627%
1858	3.267535	0.306041	2.8412%
1857	3.177262	0.314736	2.9243%
1856	3.086990	0.323940	3.0161%
1855	2.996608	0.333711	3.1061%
1854	2.906335	0.344076	3.2056%
1853	2.816063	0.355106	3.3118%
1852	2.725791	0.366866	3.4252%
1851	2.635518	0.379432	4.0106%
1850	2.533894	0.394650	2.3254%
1849	2.476310	0.403827	2.7841%
1848	2.409235	0.415069	2.8590%
1847	2.342269	0.426936	2.9432%
1846	2.275304	0.439502	3.0324%
1845	2.208338	0.452829	3.1325%
1844	2.141263	0.467014	3.2284%

1843	2.074297	0.482091	3.3361%
1842	2.007331	0.498174	3.4512%
1841	1.940365	0.515367	3.8105%
1840	1.869142	0.535005	2.3861%
1839	1.825583	0.547770	2.5824%
1838	1.779626	0.561916	2.6573%
1837	1.733559	0.576848	2.7232%
1836	1.687603	0.592557	2.7994%
1835	1.641646	0.609145	2.8871%
1834	1.595579	0.626732	2.9657%
1833	1.549622	0.645318	3.0563%
1832	1.503666	0.665041	3.1604%
1831	1.457599	0.686060	3.4660%
1830	1.408772	0.709838	2.4653%
1829	1.374877	0.727338	2.6804%
1828	1.338987	0.746833	10.3427%
1827	1.213481	0.824076	-4.2314%
1826	1.267097	0.789206	2.9150%
1825	1.231207	0.812211	3.0026%
1824	1.195317	0.836598	3.0955%
1823	1.159427	0.862495	3.1944%
1822	1.123536	0.890047	3.3102%
1821	1.087537	0.919509	3.2277%
1820	1.053532	0.949188	2.6573%
1819	1.026261	0.974411	2.6261%
1818	1.000000	1.000000	2.6969%
1817	0.973739	1.026969	2.7717%
1816	0.947478	1.055434	2.8507%
1815	0.921217	1.085521	2.9343%
1814	0.894956	1.117374	3.0231%
1813	0.868695	1.151153	3.1039%
1812	0.842543	1.186883	3.2172%
1811	0.816282	1.225067	3.0969%
1810	0.791762	1.263006	2.9144%
1809	0.769340	1.299815	2.8225%
1808	0.748222	1.336502	2.9199%
1807	0.726994	1.375527	2.9918%
1806	0.705876	1.416680	3.0841%
1805	0.684758	1.460371	3.1822%
1804	0.663639	1.506843	3.2868%
1803	0.642521	1.556369	3.3985%
1802	0.621403	1.609262	3.5180%
1801	0.600284	1.665877	3.3999%
1800	0.580546	1.722516	2.8419%
1799	0.564504	1.771467	2.7485%
1798	0.549404	1.820155	2.8261%
1797	0.534304	1.871595	3.7832%
1796	0.514827	1.942402	2.1272%
1795	0.504103	1.983720	3.0879%
1794	0.489003	2.044977	3.1625%
1793	0.474012	2.109649	3.2904%
1792	0.458912	2.179065	3.4024%
1791	0.443812	2.253205	3.2296%

1790	0.429927	2.325974	41.3145%
1780	0.304235	3.286937	29.4353%
1770	0.235048	4.254457	83.4728%
1750	0.128110	7.805774	29.2845%
1740	0.099092	10.091652	94.2514%
1720	0.051012	19.603175	85.8111%
1700	0.027454	36.424870	19.2490%
1690	0.023022	43.436312	88.0250%
1670	0.012244	81.671135	

BASE YEAR: 1817

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	33.872384	0.029523	8.2857%
2001	31.280582	0.031969	1.0000%
2000	30.970870	0.032288	1.0000%
1999	30.664228	0.032611	1.0000%
1998	30.360621	0.032937	1.0000%
1997	30.060021	0.033267	1.0000%
1996	29.762397	0.033599	1.0000%
1995	29.467720	0.033935	0.9992%
1994	29.176185	0.034275	1.0008%
1993	28.887090	0.034618	1.0000%
1992	28.601079	0.034964	0.9295%
1991	28.337678	0.035289	1.2505%
1990	27.987688	0.035730	0.7224%
1989	27.786942	0.035988	1.1077%
1988	27.482526	0.036387	0.8834%
1987	27.241881	0.036708	0.5594%
1986	27.090347	0.036914	1.3056%
1985	26.741207	0.037395	0.7673%
1984	26.537588	0.037682	0.8149%
1983	26.323070	0.037989	0.9737%
1982	26.069221	0.038359	0.9508%
1981	25.823688	0.038724	0.9031%
1980	25.592570	0.039074	2.2701%
1979	25.024497	0.039961	1.0042%
1978	24.775705	0.040362	0.9896%
1977	24.532925	0.040762	0.9103%
1976	24.311608	0.041133	0.8394%
1975	24.109226	0.041478	0.9042%
1974	23.893190	0.041853	1.1568%
1973	23.619957	0.042337	0.9427%
1972	23.399371	0.042736	0.7426%
1971	23.226879	0.043054	1.4697%
1970	22.890450	0.043686	0.6968%
1969	22.732049	0.043991	0.8565%
1968	22.538993	0.044368	1.5090%
1967	22.203927	0.045037	0.9949%
1966	21.985195	0.045485	1.0575%
1965	21.755141	0.045966	1.1300%
1964	21.512052	0.046486	1.5537%

1963	21.182942	0.047208	1.4658%
1962	20.876924	0.047900	1.5364%
1961	20.561018	0.048636	2.1586%
1960	20.126558	0.049686	-1.6655%
1959	20.467440	0.048858	4.3080%
1958	19.622120	0.050963	2.1130%
1957	19.216092	0.052040	1.9895%
1956	18.841246	0.053075	2.1231%
1955	18.449545	0.054202	1.4496%
1954	18.185920	0.054988	2.1573%
1953	17.801888	0.056174	1.2298%
1952	17.585628	0.056865	1.6814%
1951	17.294836	0.057821	1.6233%
1950	17.018578	0.058759	1.4265%
1949	16.779217	0.059598	1.7790%
1948	16.485925	0.060658	1.8242%
1947	16.190583	0.061764	-2.6320%
1946	16.628245	0.060139	3.1768%
1945	16.116263	0.062049	6.4754%
1944	15.136135	0.066067	-0.3437%
1943	15.188334	0.065840	0.6562%
1942	15.089314	0.066272	0.6633%
1941	14.989887	0.066712	-5.6614%
1940	15.889457	0.062935	8.0381%
1939	14.707270	0.067994	0.8126%
1938	14.588718	0.068546	0.7762%
1937	14.476346	0.069078	0.6029%
1936	14.389594	0.069495	0.5244%
1935	14.314530	0.069859	-3.0364%
1934	14.762782	0.067738	4.6271%
1933	14.109900	0.070872	1.3921%
1932	13.916170	0.071859	-0.2051%
1931	13.944769	0.071711	0.8886%
1930	13.821948	0.072349	1.0126%
1929	13.683391	0.073081	1.1526%
1928	13.527475	0.073924	1.2160%
1927	13.364957	0.074823	1.4086%
1926	13.179315	0.075876	1.7667%
1925	12.950520	0.077217	1.4465%
1924	12.765862	0.078334	1.7700%
1923	12.543839	0.079720	1.6165%
1922	12.344291	0.081009	1.3736%
1921	12.177022	0.082122	2.3393%
1920	11.898675	0.084043	1.3140%
1919	11.744353	0.085147	0.7676%
1918	11.654885	0.085801	0.3870%
1917	11.609956	0.086133	1.3274%
1916	11.457860	0.087276	1.4083%
1915	11.298741	0.088505	1.4458%
1914	11.137712	0.089785	1.9424%
1913	10.925497	0.091529	1.9857%
1912	10.712777	0.093346	1.5634%
1911	10.547871	0.094806	1.8169%

1910	10.359644	0.096528	1.8781%
1909	10.168671	0.098341	2.0082%
1908	9.968480	0.100316	1.9603%
1907	9.776829	0.102283	1.8264%
1906	9.601472	0.104151	1.9357%
1905	9.419148	0.106167	2.0148%
1904	9.233116	0.108306	2.1335%
1903	9.040240	0.110617	1.8151%
1902	8.879072	0.112624	1.8943%
1901	8.713998	0.114758	3.0255%
1900	8.458098	0.118230	0.6278%
1899	8.405326	0.118972	1.7757%
1898	8.258681	0.121085	1.8078%
1897	8.112035	0.123274	1.8396%
1896	7.965502	0.125541	1.8755%
1895	7.818856	0.127896	1.9114%
1894	7.672210	0.130341	1.9486%
1893	7.525565	0.132880	1.9858%
1892	7.379031	0.135519	2.0276%
1891	7.232386	0.138267	2.6465%
1890	7.045914	0.141926	1.5328%
1889	6.939544	0.144102	2.0811%
1888	6.798067	0.147101	2.1599%
1887	6.654343	0.150278	2.2075%
1886	6.510619	0.153595	2.2592%
1885	6.366783	0.157065	2.3095%
1884	6.223059	0.160693	2.3641%
1883	6.079335	0.164492	2.4214%
1882	5.935611	0.168475	2.4815%
1881	5.791887	0.172655	3.7644%
1880	5.581767	0.179155	0.9432%
1879	5.529610	0.180845	2.1464%
1878	5.413417	0.184726	2.1913%
1877	5.297337	0.188774	2.2426%
1876	5.181144	0.193008	2.2941%
1875	5.064951	0.197435	2.3456%
1874	4.948871	0.202066	2.4043%
1873	4.832678	0.206925	2.4635%
1872	4.716485	0.212022	2.5258%
1871	4.600292	0.217377	5.9947%
1870	4.340116	0.230409	-1.0968%
1869	4.388246	0.227881	2.1930%
1868	4.294078	0.232879	2.2394%
1867	4.200022	0.238094	2.2935%
1866	4.105855	0.243555	2.3445%
1865	4.011799	0.249265	2.4037%
1864	3.917631	0.255256	2.4599%
1863	3.823576	0.261535	2.5250%
1862	3.729408	0.268139	2.5872%
1861	3.635352	0.275077	2.9504%
1860	3.531168	0.283192	2.4012%
1859	3.448365	0.289993	2.7627%
1858	3.355658	0.298004	2.8412%

1857	3.262951	0.306471	2.9243%
1856	3.170244	0.315433	3.0161%
1855	3.077424	0.324947	3.1061%
1854	2.984717	0.335040	3.2056%
1853	2.892010	0.345780	3.3118%
1852	2.799303	0.357232	3.4252%
1851	2.706596	0.369468	4.0106%
1850	2.602231	0.384286	2.3254%
1849	2.543095	0.393222	2.7841%
1848	2.474211	0.404169	2.8590%
1847	2.405439	0.415725	2.9432%
1846	2.336667	0.427960	3.0324%
1845	2.267895	0.440937	3.1325%
1844	2.199011	0.454750	3.2284%
1843	2.130239	0.469431	3.3361%
1842	2.061468	0.485091	3.4512%
1841	1.992696	0.501833	3.8105%
1840	1.919552	0.520955	2.3861%
1839	1.874817	0.533385	2.5824%
1838	1.827621	0.547159	2.6573%
1837	1.780312	0.561699	2.7232%
1836	1.733116	0.576995	2.7994%
1835	1.685920	0.593148	2.8871%
1834	1.638611	0.610273	2.9657%
1833	1.591415	0.628372	3.0563%
1832	1.544218	0.647577	3.1604%
1831	1.496910	0.668043	3.4660%
1830	1.446765	0.691197	2.4653%
1829	1.411956	0.708237	2.6804%
1828	1.375098	0.727221	10.3427%
1827	1.246207	0.802435	-4.2314%
1826	1.301270	0.768480	2.9150%
1825	1.264412	0.790882	3.0026%
1824	1.227554	0.814628	3.0955%
1823	1.190696	0.839845	3.1944%
1822	1.153838	0.866673	3.3102%
1821	1.116867	0.895362	3.2277%
1820	1.081945	0.924262	2.6573%
1819	1.053939	0.948822	2.6261%
1818	1.026969	0.973739	2.6969%
1817	1.000000	1.000000	2.7717%
1816	0.973031	1.027717	2.8507%
1815	0.946061	1.057014	2.9343%
1814	0.919092	1.088030	3.0231%
1813	0.892123	1.120922	3.1039%
1812	0.865266	1.155714	3.2172%
1811	0.838296	1.192895	3.0969%
1810	0.813115	1.229838	2.9144%
1809	0.790089	1.265681	2.8225%
1808	0.768401	1.301404	2.9199%
1807	0.746601	1.339404	2.9918%
1806	0.724913	1.379476	3.0841%
1805	0.703225	1.422020	3.1822%

1804	0.681537	1.467271	3.2868%
1803	0.659849	1.515497	3.3985%
1802	0.638162	1.567001	3.5180%
1801	0.616474	1.622129	3.3999%
1800	0.596203	1.677281	2.8419%
1799	0.579728	1.724947	2.7485%
1798	0.564221	1.772356	2.8261%
1797	0.548713	1.822445	3.7832%
1796	0.528711	1.891392	2.1272%
1795	0.517699	1.931626	3.0879%
1794	0.502191	1.991273	3.1625%
1793	0.486796	2.054247	3.2904%
1792	0.471289	2.121841	3.4024%
1791	0.455782	2.194034	3.2296%
1790	0.441522	2.264891	41.3145%
1780	0.312440	3.200619	29.4353%
1770	0.241387	4.142731	83.4728%
1750	0.131565	7.600786	29.2845%
1740	0.101764	9.826634	94.2514%
1720	0.052388	19.088374	85.8111%
1700	0.028194	35.468314	19.2490%
1690	0.023643	42.295627	88.0250%
1670	0.012574	79.526363	

BASE YEAR: 1816

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	34.811219	0.028726	8.2857%
2001	32.147580	0.031107	1.0000%
2000	31.829284	0.031418	1.0000%
1999	31.514143	0.031732	1.0000%
1998	31.202121	0.032049	1.0000%
1997	30.893190	0.032370	1.0000%
1996	30.587316	0.032693	1.0000%
1995	30.284472	0.033020	0.9992%
1994	29.984856	0.033350	1.0008%
1993	29.687748	0.033684	1.0000%
1992	29.393810	0.034021	0.9295%
1991	29.123109	0.034337	1.2505%
1990	28.763418	0.034766	0.7224%
1989	28.557108	0.035018	1.1077%
1988	28.244255	0.035405	0.8834%
1987	27.996940	0.035718	0.5594%
1986	27.841206	0.035918	1.3056%
1985	27.482388	0.036387	0.7673%
1984	27.273126	0.036666	0.8149%
1983	27.052662	0.036965	0.9737%
1982	26.791777	0.037325	0.9508%
1981	26.539439	0.037680	0.9031%
1980	26.301915	0.038020	2.2701%
1979	25.718097	0.038883	1.0042%
1978	25.462409	0.039274	0.9896%

1977	25.212900	0.039662	0.9103%
1976	24.985449	0.040023	0.8394%
1975	24.777457	0.040359	0.9042%
1974	24.555434	0.040724	1.1568%
1973	24.274628	0.041195	0.9427%
1972	24.047927	0.041584	0.7426%
1971	23.870655	0.041892	1.4697%
1970	23.524901	0.042508	0.6968%
1969	23.362109	0.042804	0.8565%
1968	23.163703	0.043171	1.5090%
1967	22.819350	0.043822	0.9949%
1966	22.594555	0.044258	1.0575%
1965	22.358124	0.044726	1.1300%
1964	22.108298	0.045232	1.5537%
1963	21.770066	0.045935	1.4658%
1962	21.455566	0.046608	1.5364%
1961	21.130904	0.047324	2.1586%
1960	20.684403	0.048346	-1.6655%
1959	21.034733	0.047540	4.3080%
1958	20.165983	0.049588	2.1130%
1957	19.748701	0.050636	1.9895%
1956	19.363466	0.051644	2.1231%
1955	18.960908	0.052740	1.4496%
1954	18.689976	0.053505	2.1573%
1953	18.295300	0.054659	1.2298%
1952	18.073045	0.055331	1.6814%
1951	17.774194	0.056261	1.6233%
1950	17.490279	0.057175	1.4265%
1949	17.244283	0.057990	1.7790%
1948	16.942863	0.059022	1.8242%
1947	16.639335	0.060099	-2.6320%
1946	17.089127	0.058517	3.1768%
1945	16.562955	0.060376	6.4754%
1944	15.555661	0.064285	-0.3437%
1943	15.609306	0.064064	0.6562%
1942	15.507542	0.064485	0.6633%
1941	15.405359	0.064912	-5.6614%
1940	16.329862	0.061238	8.0381%
1939	15.114909	0.066160	0.8126%
1938	14.993071	0.066697	0.7762%
1937	14.877584	0.067215	0.6029%
1936	14.788428	0.067620	0.5244%
1935	14.711283	0.067975	-3.0364%
1934	15.171960	0.065911	4.6271%
1933	14.500982	0.068961	1.3921%
1932	14.301882	0.069921	-0.2051%
1931	14.331274	0.069777	0.8886%
1930	14.205048	0.070398	1.0126%
1929	14.062652	0.071110	1.1526%
1928	13.902414	0.071930	1.2160%
1927	13.735391	0.072805	1.4086%
1926	13.544604	0.073830	1.7667%
1925	13.309468	0.075134	1.4465%

1924	13.119691	0.076221	1.7700%
1923	12.891515	0.077570	1.6165%
1922	12.686436	0.078824	1.3736%
1921	12.514531	0.079907	2.3393%
1920	12.228469	0.081776	1.3140%
1919	12.069869	0.082851	0.7676%
1918	11.977922	0.083487	0.3870%
1917	11.931747	0.083810	1.3274%
1916	11.775436	0.084923	1.4083%
1915	11.611907	0.086119	1.4458%
1914	11.446414	0.087364	1.9424%
1913	11.228317	0.089061	1.9857%
1912	11.009701	0.090829	1.5634%
1911	10.840224	0.092249	1.8169%
1910	10.646781	0.093925	1.8781%
1909	10.450514	0.095689	2.0082%
1908	10.244774	0.097611	1.9603%
1907	10.047812	0.099524	1.8264%
1906	9.867594	0.101342	1.9357%
1905	9.680217	0.103303	2.0148%
1904	9.489029	0.105385	2.1335%
1903	9.290807	0.107633	1.8151%
1902	9.125171	0.109587	1.8943%
1901	8.955523	0.111663	3.0255%
1900	8.692530	0.115041	0.6278%
1899	8.638295	0.115764	1.7757%
1898	8.487585	0.117819	1.8078%
1897	8.336875	0.119949	1.8396%
1896	8.186280	0.122156	1.8755%
1895	8.035570	0.124447	1.9114%
1894	7.884860	0.126825	1.9486%
1893	7.734149	0.129297	1.9858%
1892	7.583555	0.131864	2.0276%
1891	7.432844	0.134538	2.6465%
1890	7.241205	0.138099	1.5328%
1889	7.131886	0.140215	2.0811%
1888	6.986488	0.143133	2.1599%
1887	6.838780	0.146225	2.2075%
1886	6.691073	0.149453	2.2592%
1885	6.543250	0.152829	2.3095%
1884	6.395542	0.156359	2.3641%
1883	6.247835	0.160055	2.4214%
1882	6.100127	0.163931	2.4815%
1881	5.952419	0.167999	3.7644%
1880	5.736476	0.174323	0.9432%
1879	5.682873	0.175967	2.1464%
1878	5.563460	0.179744	2.1913%
1877	5.444162	0.183683	2.2426%
1876	5.324749	0.187802	2.2941%
1875	5.205335	0.192111	2.3456%
1874	5.086038	0.196617	2.4043%
1873	4.966624	0.201344	2.4635%
1872	4.847211	0.206304	2.5258%

1871	4.727798	0.211515	5.9947%
1870	4.460411	0.224195	-1.0968%
1869	4.509874	0.221736	2.1930%
1868	4.413096	0.226598	2.2394%
1867	4.316434	0.231673	2.2935%
1866	4.219656	0.236986	2.3445%
1865	4.122993	0.242542	2.4037%
1864	4.026215	0.248372	2.4599%
1863	3.929553	0.254482	2.5250%
1862	3.832775	0.260908	2.5872%
1861	3.736113	0.267658	2.9504%
1860	3.629041	0.275555	2.4012%
1859	3.543943	0.282172	2.7627%
1858	3.448666	0.289967	2.8412%
1857	3.353390	0.298206	2.9243%
1856	3.258113	0.306926	3.0161%
1855	3.162721	0.316183	3.1061%
1854	3.067444	0.326004	3.2056%
1853	2.972168	0.336455	3.3118%
1852	2.876891	0.347597	3.4252%
1851	2.781615	0.359503	4.0106%
1850	2.674357	0.373922	2.3254%
1849	2.613581	0.382617	2.7841%
1848	2.542788	0.393269	2.8590%
1847	2.472110	0.404513	2.9432%
1846	2.401432	0.416418	3.0324%
1845	2.330754	0.429046	3.1325%
1844	2.259961	0.442486	3.2284%
1843	2.189283	0.456771	3.3361%
1842	2.118605	0.472009	3.4512%
1841	2.047927	0.488299	3.8105%
1840	1.972755	0.506905	2.3861%
1839	1.926781	0.519000	2.5824%
1838	1.878277	0.532403	2.6573%
1837	1.829657	0.546551	2.7232%
1836	1.781153	0.561434	2.7994%
1835	1.732648	0.577151	2.8871%
1834	1.684028	0.593814	2.9657%
1833	1.635524	0.611425	3.0563%
1832	1.587019	0.630112	3.1604%
1831	1.538399	0.650026	3.4660%
1830	1.486865	0.672556	2.4653%
1829	1.451091	0.689136	2.6804%
1828	1.413212	0.707608	10.3427%
1827	1.280748	0.780794	-4.2314%
1826	1.337337	0.747755	2.9150%
1825	1.299457	0.769552	3.0026%
1824	1.261578	0.792658	3.0955%
1823	1.223698	0.817195	3.1944%
1822	1.185818	0.843300	3.3102%
1821	1.147823	0.871214	3.2277%
1820	1.111933	0.899335	2.6573%
1819	1.083150	0.923233	2.6261%

1818	1.055434	0.947478	2.6969%
1817	1.027717	0.973031	2.7717%
1816	1.000000	1.000000	2.8507%
1815	0.972283	1.028507	2.9343%
1814	0.944566	1.058687	3.0231%
1813	0.916850	1.090692	3.1039%
1812	0.889248	1.124545	3.2172%
1811	0.861531	1.160724	3.0969%
1810	0.835652	1.196670	2.9144%
1809	0.811988	1.231546	2.8225%
1808	0.789699	1.266306	2.9199%
1807	0.767294	1.303281	2.9918%
1806	0.745005	1.342273	3.0841%
1805	0.722716	1.383669	3.1822%
1804	0.700427	1.427700	3.2868%
1803	0.678138	1.474625	3.3985%
1802	0.655849	1.524740	3.5180%
1801	0.633560	1.578381	3.3999%
1800	0.612728	1.632045	2.8419%
1799	0.595796	1.678426	2.7485%
1798	0.579859	1.724557	2.8261%
1797	0.563922	1.773295	3.7832%
1796	0.543365	1.840383	2.1272%
1795	0.532048	1.879531	3.0879%
1794	0.516110	1.937570	3.1625%
1793	0.500289	1.998846	3.2904%
1792	0.484352	2.064616	3.4024%
1791	0.468414	2.134862	3.2296%
1790	0.453760	2.203809	41.3145%
1780	0.321099	3.114300	29.4353%
1770	0.248077	4.031004	83.4728%
1750	0.135212	7.395798	29.2845%
1740	0.104585	9.561617	94.2514%
1720	0.053840	18.573574	85.8111%
1700	0.028976	34.511758	19.2490%
1690	0.024298	41.154943	88.0250%
1670	0.012923	77.381591	

BASE YEAR: 1815

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	35.803581	0.027930	8.2857%
2001	33.064010	0.030244	1.0000%
2000	32.736640	0.030547	1.0000%
1999	32.412515	0.030852	1.0000%
1998	32.091599	0.031161	1.0000%
1997	31.773860	0.031472	1.0000%
1996	31.459267	0.031787	1.0000%
1995	31.147790	0.032105	0.9992%
1994	30.839633	0.032426	1.0008%
1993	30.534055	0.032750	1.0000%
1992	30.231738	0.033078	0.9295%

1991	29.953320	0.033385	1.2505%
1990	29.583375	0.033803	0.7224%
1989	29.371184	0.034047	1.1077%
1988	29.049412	0.034424	0.8834%
1987	28.795047	0.034728	0.5594%
1986	28.634874	0.034922	1.3056%
1985	28.265827	0.035378	0.7673%
1984	28.050600	0.035650	0.8149%
1983	27.823851	0.035940	0.9737%
1982	27.555529	0.036290	0.9508%
1981	27.295997	0.036635	0.9031%
1980	27.051702	0.036966	2.2701%
1979	26.451241	0.037805	1.0042%
1978	26.188265	0.038185	0.9896%
1977	25.931643	0.038563	0.9103%
1976	25.697708	0.038914	0.8394%
1975	25.483787	0.039241	0.9042%
1974	25.255434	0.039595	1.1568%
1973	24.966623	0.040053	0.9427%
1972	24.733460	0.040431	0.7426%
1971	24.551134	0.040731	1.4697%
1970	24.195524	0.041330	0.6968%
1969	24.028091	0.041618	0.8565%
1968	23.824029	0.041974	1.5090%
1967	23.469860	0.042608	0.9949%
1966	23.238657	0.043032	1.0575%
1965	22.995486	0.043487	1.1300%
1964	22.738538	0.043978	1.5537%
1963	22.390664	0.044661	1.4658%
1962	22.067199	0.045316	1.5364%
1961	21.733282	0.046012	2.1586%
1960	21.274052	0.047006	-1.6655%
1959	21.634369	0.046223	4.3080%
1958	20.740854	0.048214	2.1130%
1957	20.311676	0.049233	1.9895%
1956	19.915459	0.050212	2.1231%
1955	19.501425	0.051278	1.4496%
1954	19.222770	0.052022	2.1573%
1953	18.816843	0.053144	1.2298%
1952	18.588253	0.053797	1.6814%
1951	18.280883	0.054702	1.6233%
1950	17.988874	0.055590	1.4265%
1949	17.735865	0.056383	1.7790%
1948	17.425852	0.057386	1.8242%
1947	17.113671	0.058433	-2.6320%
1946	17.576286	0.056895	3.1768%
1945	17.035114	0.058702	6.4754%
1944	15.999105	0.062503	-0.3437%
1943	16.054280	0.062289	0.6562%
1942	15.949615	0.062697	0.6633%
1941	15.844518	0.063113	-5.6614%
1940	16.795376	0.059540	8.0381%
1939	15.545789	0.064326	0.8126%

1938	15.420477	0.064849	0.7762%
1937	15.301699	0.065352	0.6029%
1936	15.210001	0.065746	0.5244%
1935	15.130657	0.066091	-3.0364%
1934	15.604466	0.064084	4.6271%
1933	14.914360	0.067049	1.3921%
1932	14.709585	0.067983	-0.2051%
1931	14.739815	0.067843	0.8886%
1930	14.609991	0.068446	1.0126%
1929	14.463535	0.069139	1.1526%
1928	14.298729	0.069936	1.2160%
1927	14.126945	0.070787	1.4086%
1926	13.930719	0.071784	1.7667%
1925	13.688880	0.073052	1.4465%
1924	13.493693	0.074109	1.7700%
1923	13.259012	0.075420	1.6165%
1922	13.048087	0.076640	1.3736%
1921	12.871282	0.077692	2.3393%
1920	12.577065	0.079510	1.3140%
1919	12.413945	0.080555	0.7676%
1918	12.319376	0.081173	0.3870%
1917	12.271885	0.081487	1.3274%
1916	12.111118	0.082569	1.4083%
1915	11.942927	0.083732	1.4458%
1914	11.772716	0.084942	1.9424%
1913	11.548402	0.086592	1.9857%
1912	11.323554	0.088311	1.5634%
1911	11.149246	0.089692	1.8169%
1910	10.950288	0.091322	1.8781%
1909	10.748426	0.093037	2.0082%
1908	10.536821	0.094905	1.9603%
1907	10.334244	0.096766	1.8264%
1906	10.148889	0.098533	1.9357%
1905	9.956171	0.100440	2.0148%
1904	9.759532	0.102464	2.1335%
1903	9.555659	0.104650	1.8151%
1902	9.385302	0.106550	1.8943%
1901	9.210817	0.108568	3.0255%
1900	8.940328	0.111853	0.6278%
1899	8.884547	0.112555	1.7757%
1898	8.729540	0.114554	1.8078%
1897	8.574534	0.116624	1.8396%
1896	8.419646	0.118770	1.8755%
1895	8.264640	0.120997	1.9114%
1894	8.109633	0.123310	1.9486%
1893	7.954626	0.125713	1.9858%
1892	7.799739	0.128209	2.0276%
1891	7.644732	0.130809	2.6465%
1890	7.447629	0.134271	1.5328%
1889	7.335194	0.136329	2.0811%
1888	7.185652	0.139166	2.1599%
1887	7.033733	0.142172	2.2075%
1886	6.881815	0.145311	2.2592%

1885	6.729778	0.148593	2.3095%
1884	6.577860	0.152025	2.3641%
1883	6.425941	0.155619	2.4214%
1882	6.274023	0.159387	2.4815%
1881	6.122105	0.163343	3.7644%
1880	5.900005	0.169491	0.9432%
1879	5.844875	0.171090	2.1464%
1878	5.722057	0.174762	2.1913%
1877	5.599359	0.178592	2.2426%
1876	5.476541	0.182597	2.2941%
1875	5.353724	0.186786	2.3456%
1874	5.231025	0.191167	2.4043%
1873	5.108208	0.195763	2.4635%
1872	4.985390	0.200586	2.5258%
1871	4.862573	0.205652	5.9947%
1870	4.587563	0.217981	-1.0968%
1869	4.638437	0.215590	2.1930%
1868	4.538900	0.220318	2.2394%
1867	4.439482	0.225251	2.2935%
1866	4.339945	0.230418	2.3445%
1865	4.240527	0.235820	2.4037%
1864	4.140991	0.241488	2.4599%
1863	4.041573	0.247428	2.5250%
1862	3.942036	0.253676	2.5872%
1861	3.842618	0.260239	2.9504%
1860	3.732494	0.267917	2.4012%
1859	3.644970	0.274351	2.7627%
1858	3.546977	0.281930	2.8412%
1857	3.448984	0.289940	2.9243%
1856	3.350992	0.298419	3.0161%
1855	3.252880	0.307420	3.1061%
1854	3.154888	0.316968	3.2056%
1853	3.056895	0.327129	3.3118%
1852	2.958902	0.337963	3.4252%
1851	2.860910	0.349539	4.0106%
1850	2.750594	0.363558	2.3254%
1849	2.688086	0.372012	2.7841%
1848	2.615275	0.382369	2.8590%
1847	2.542582	0.393301	2.9432%
1846	2.469890	0.404876	3.0324%
1845	2.397197	0.417154	3.1325%
1844	2.324385	0.430221	3.2284%
1843	2.251693	0.444110	3.3361%
1842	2.179000	0.458926	3.4512%
1841	2.106307	0.474765	3.8105%
1840	2.028993	0.492855	2.3861%
1839	1.981708	0.504615	2.5824%
1838	1.931821	0.517646	2.6573%
1837	1.881815	0.531402	2.7232%
1836	1.831928	0.545873	2.7994%
1835	1.782041	0.561154	2.8871%
1834	1.732035	0.577356	2.9657%
1833	1.682148	0.594478	3.0563%

1832	1.632260	0.612647	3.1604%
1831	1.582254	0.632010	3.4660%
1830	1.529251	0.653915	2.4653%
1829	1.492458	0.670036	2.6804%
1828	1.453498	0.687995	10.3427%
1827	1.317259	0.759152	-4.2314%
1826	1.375460	0.727029	2.9150%
1825	1.336501	0.748223	3.0026%
1824	1.297541	0.770688	3.0955%
1823	1.258582	0.794545	3.1944%
1822	1.219622	0.819926	3.3102%
1821	1.180544	0.847067	3.2277%
1820	1.143631	0.874408	2.6573%
1819	1.114028	0.897644	2.6261%
1818	1.085521	0.921217	2.6969%
1817	1.057014	0.946061	2.7717%
1816	1.028507	0.972283	2.8507%
1815	1.000000	1.000000	2.9343%
1814	0.971493	1.029343	3.0231%
1813	0.942986	1.060461	3.1039%
1812	0.914598	1.093377	3.2172%
1811	0.886091	1.128552	3.0969%
1810	0.859474	1.163503	2.9144%
1809	0.835135	1.197411	2.8225%
1808	0.812210	1.231208	2.9199%
1807	0.789167	1.267158	2.9918%
1806	0.766243	1.305069	3.0841%
1805	0.743319	1.345318	3.1822%
1804	0.720394	1.388129	3.2868%
1803	0.697470	1.433753	3.3985%
1802	0.674546	1.482479	3.5180%
1801	0.651621	1.534634	3.3999%
1800	0.630195	1.586810	2.8419%
1799	0.612781	1.631905	2.7485%
1798	0.596389	1.676758	2.8261%
1797	0.579998	1.724145	3.7832%
1796	0.558855	1.789373	2.1272%
1795	0.547215	1.827437	3.0879%
1794	0.530823	1.883867	3.1625%
1793	0.514550	1.943444	3.2904%
1792	0.498159	2.007392	3.4024%
1791	0.481767	2.075690	3.2296%
1790	0.466695	2.142726	41.3145%
1780	0.330253	3.027982	29.4353%
1770	0.255149	3.919278	83.4728%
1750	0.139066	7.190810	29.2845%
1740	0.107566	9.296599	94.2514%
1720	0.055375	18.058773	85.8111%
1700	0.029802	33.555201	19.2490%
1690	0.024991	40.014259	88.0250%
1670	0.013291	75.236819	

BASE YEAR: 1814

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	36.854181	0.027134	8.2857%
2001	34.034222	0.029382	1.0000%
2000	33.697246	0.029676	1.0000%
1999	33.363609	0.029973	1.0000%
1998	33.033277	0.030273	1.0000%
1997	32.706215	0.030575	1.0000%
1996	32.382391	0.030881	1.0000%
1995	32.061773	0.031190	0.9992%
1994	31.744574	0.031501	1.0008%
1993	31.430029	0.031817	1.0000%
1992	31.118841	0.032135	0.9295%
1991	30.832253	0.032434	1.2505%
1990	30.451453	0.032839	0.7224%
1989	30.233036	0.033076	1.1077%
1988	29.901822	0.033443	0.8834%
1987	29.639993	0.033738	0.5594%
1986	29.475119	0.033927	1.3056%
1985	29.095244	0.034370	0.7673%
1984	28.873701	0.034634	0.8149%
1983	28.640298	0.034916	0.9737%
1982	28.364103	0.035256	0.9508%
1981	28.096956	0.035591	0.9031%
1980	27.845492	0.035912	2.2701%
1979	27.227412	0.036728	1.0042%
1978	26.956718	0.037097	0.9896%
1977	26.692566	0.037464	0.9103%
1976	26.451767	0.037805	0.8394%
1975	26.231569	0.038122	0.9042%
1974	25.996515	0.038467	1.1568%
1973	25.699230	0.038912	0.9427%
1972	25.459225	0.039278	0.7426%
1971	25.271549	0.039570	1.4697%
1970	24.905504	0.040152	0.6968%
1969	24.733158	0.040432	0.8565%
1968	24.523108	0.040778	1.5090%
1967	24.158546	0.041393	0.9949%
1966	23.920559	0.041805	1.0575%
1965	23.670253	0.042247	1.1300%
1964	23.405765	0.042725	1.5537%
1963	23.047683	0.043388	1.4658%
1962	22.714727	0.044024	1.5364%
1961	22.371011	0.044701	2.1586%
1960	21.898306	0.045666	-1.6655%
1959	22.269196	0.044905	4.3080%
1958	21.349462	0.046840	2.1130%
1957	20.907690	0.047829	1.9895%
1956	20.499847	0.048781	2.1231%
1955	20.073664	0.049817	1.4496%
1954	19.786832	0.050539	2.1573%
1953	19.368994	0.051629	1.2298%

1952	19.133696	0.052264	1.6814%
1951	18.817307	0.053143	1.6233%
1950	18.516729	0.054005	1.4265%
1949	18.256297	0.054776	1.7790%
1948	17.937187	0.055750	1.8242%
1947	17.615845	0.056767	-2.6320%
1946	18.092034	0.055273	3.1768%
1945	17.534983	0.057029	6.4754%
1944	16.468574	0.060722	-0.3437%
1943	16.525368	0.060513	0.6562%
1942	16.417632	0.060910	0.6633%
1941	16.309451	0.061314	-5.6614%
1940	17.288211	0.057843	8.0381%
1939	16.001956	0.062492	0.8126%
1938	15.872967	0.063000	0.7762%
1937	15.750703	0.063489	0.6029%
1936	15.656315	0.063872	0.5244%
1935	15.574642	0.064207	-3.0364%
1934	16.062355	0.062257	4.6271%
1933	15.351999	0.065138	1.3921%
1932	15.141215	0.066045	-0.2051%
1931	15.172332	0.065909	0.8886%
1930	15.038698	0.066495	1.0126%
1929	14.887945	0.067168	1.1526%
1928	14.718303	0.067943	1.2160%
1927	14.541478	0.068769	1.4086%
1926	14.339495	0.069737	1.7667%
1925	14.090559	0.070970	1.4465%
1924	13.889644	0.071996	1.7700%
1923	13.648077	0.073270	1.6165%
1922	13.430963	0.074455	1.3736%
1921	13.248969	0.075478	2.3393%
1920	12.946119	0.077243	1.3140%
1919	12.778212	0.078258	0.7676%
1918	12.680869	0.078859	0.3870%
1917	12.631984	0.079164	1.3274%
1916	12.466500	0.080215	1.4083%
1915	12.293373	0.081345	1.4458%
1914	12.118168	0.082521	1.9424%
1913	11.887272	0.084124	1.9857%
1912	11.655826	0.085794	1.5634%
1911	11.476403	0.087135	1.8169%
1910	11.271607	0.088718	1.8781%
1909	11.063822	0.090385	2.0082%
1908	10.846008	0.092200	1.9603%
1907	10.637486	0.094007	1.8264%
1906	10.446693	0.095724	1.9357%
1905	10.248319	0.097577	2.0148%
1904	10.045910	0.099543	2.1335%
1903	9.836055	0.101667	1.8151%
1902	9.660699	0.103512	1.8943%
1901	9.481094	0.105473	3.0255%
1900	9.202668	0.108664	0.6278%

1899	9.145250	0.109346	1.7757%
1898	8.985695	0.111288	1.8078%
1897	8.826140	0.113300	1.8396%
1896	8.666707	0.115384	1.8755%
1895	8.507152	0.117548	1.9114%
1894	8.347598	0.119795	1.9486%
1893	8.188043	0.122129	1.9858%
1892	8.028610	0.124555	2.0276%
1891	7.869055	0.127080	2.6465%
1890	7.666168	0.130443	1.5328%
1889	7.550434	0.132443	2.0811%
1888	7.396503	0.135199	2.1599%
1887	7.240127	0.138119	2.2075%
1886	7.083751	0.141168	2.2592%
1885	6.927253	0.144357	2.3095%
1884	6.770877	0.147691	2.3641%
1883	6.614501	0.151183	2.4214%
1882	6.458124	0.154844	2.4815%
1881	6.301748	0.158686	3.7644%
1880	6.073132	0.164660	0.9432%
1879	6.016383	0.166213	2.1464%
1878	5.889962	0.169780	2.1913%
1877	5.763663	0.173501	2.2426%
1876	5.637242	0.177392	2.2941%
1875	5.510820	0.181461	2.3456%
1874	5.384521	0.185718	2.4043%
1873	5.258100	0.190183	2.4635%
1872	5.131679	0.194868	2.5258%
1871	5.005257	0.199790	5.9947%
1870	4.722178	0.211767	-1.0968%
1869	4.774545	0.209444	2.1930%
1868	4.672087	0.214037	2.2394%
1867	4.569752	0.218830	2.2935%
1866	4.467294	0.223849	2.3445%
1865	4.364959	0.229097	2.4037%
1864	4.262502	0.234604	2.4599%
1863	4.160166	0.240375	2.5250%
1862	4.057709	0.246444	2.5872%
1861	3.955374	0.252821	2.9504%
1860	3.842018	0.260280	2.4012%
1859	3.751926	0.266530	2.7627%
1858	3.651058	0.273893	2.8412%
1857	3.550190	0.281675	2.9243%
1856	3.449321	0.289912	3.0161%
1855	3.348331	0.298656	3.1061%
1854	3.247463	0.307933	3.2056%
1853	3.146595	0.317804	3.3118%
1852	3.045727	0.328329	3.4252%
1851	2.944859	0.339575	4.0106%
1850	2.831306	0.353194	2.3254%
1849	2.766964	0.361407	2.7841%
1848	2.692016	0.371469	2.8590%
1847	2.617190	0.382089	2.9432%

1846	2.542365	0.393335	3.0324%
1845	2.467539	0.405262	3.1325%
1844	2.392591	0.417957	3.2284%
1843	2.317765	0.431450	3.3361%
1842	2.242939	0.445844	3.4512%
1841	2.168113	0.461230	3.8105%
1840	2.088530	0.478806	2.3861%
1839	2.039858	0.490230	2.5824%
1838	1.988507	0.502890	2.6573%
1837	1.937034	0.516253	2.7232%
1836	1.885683	0.530312	2.7994%
1835	1.834332	0.545158	2.8871%
1834	1.782859	0.560897	2.9657%
1833	1.731508	0.577531	3.0563%
1832	1.680156	0.595183	3.1604%
1831	1.628683	0.613993	3.4660%
1830	1.574125	0.635274	2.4653%
1829	1.536251	0.650935	2.6804%
1828	1.496149	0.668383	10.3427%
1827	1.355911	0.737511	-4.2314%
1826	1.415821	0.706304	2.9150%
1825	1.375718	0.726893	3.0026%
1824	1.335616	0.748718	3.0955%
1823	1.295513	0.771895	3.1944%
1822	1.255410	0.796552	3.3102%
1821	1.215185	0.822920	3.2277%
1820	1.177189	0.849482	2.6573%
1819	1.146717	0.872055	2.6261%
1818	1.117374	0.894956	2.6969%
1817	1.088030	0.919092	2.7717%
1816	1.058687	0.944566	2.8507%
1815	1.029343	0.971493	2.9343%
1814	1.000000	1.000000	3.0231%
1813	0.970657	1.030231	3.1039%
1812	0.941435	1.062208	3.2172%
1811	0.912092	1.096381	3.0969%
1810	0.884694	1.130335	2.9144%
1809	0.859641	1.163277	2.8225%
1808	0.836044	1.196110	2.9199%
1807	0.812324	1.231036	2.9918%
1806	0.788727	1.267865	3.0841%
1805	0.765130	1.306967	3.1822%
1804	0.741533	1.348557	3.2868%
1803	0.717936	1.392881	3.3985%
1802	0.694339	1.440218	3.5180%
1801	0.670742	1.490886	3.3999%
1800	0.648687	1.541575	2.8419%
1799	0.630762	1.585385	2.7485%
1798	0.613889	1.628958	2.8261%
1797	0.597017	1.674995	3.7832%
1796	0.575254	1.738363	2.1272%
1795	0.563272	1.775342	3.0879%
1794	0.546399	1.830163	3.1625%

1793	0.529649	1.888042	3.2904%
1792	0.512777	1.950167	3.4024%
1791	0.495904	2.016519	3.2296%
1790	0.480390	2.081643	41.3145%
1780	0.339944	2.941663	29.4353%
1770	0.262636	3.807551	83.4728%
1750	0.143147	6.985822	29.2845%
1740	0.110723	9.031581	94.2514%
1720	0.057000	17.543973	85.8111%
1700	0.030676	32.598645	19.2490%
1690	0.025724	38.873574	88.0250%
1670	0.013681	73.092046	

BASE YEAR: 1813

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	37.968302	0.026338	8.2857%
2001	35.063093	0.028520	1.0000%
2000	34.715930	0.028805	1.0000%
1999	34.372208	0.029093	1.0000%
1998	34.031889	0.029384	1.0000%
1997	33.694940	0.029678	1.0000%
1996	33.361327	0.029975	1.0000%
1995	33.031017	0.030275	0.9992%
1994	32.704229	0.030577	1.0008%
1993	32.380175	0.030883	1.0000%
1992	32.059579	0.031192	0.9295%
1991	31.764328	0.031482	1.2505%
1990	31.372016	0.031876	0.7224%
1989	31.146996	0.032106	1.1077%
1988	30.805769	0.032461	0.8834%
1987	30.536025	0.032748	0.5594%
1986	30.366167	0.032931	1.3056%
1985	29.974808	0.033361	0.7673%
1984	29.746568	0.033617	0.8149%
1983	29.506109	0.033891	0.9737%
1982	29.221564	0.034221	0.9508%
1981	28.946341	0.034547	0.9031%
1980	28.687276	0.034859	2.2701%
1979	28.050510	0.035650	1.0042%
1978	27.771634	0.036008	0.9896%
1977	27.499496	0.036364	0.9103%
1976	27.251417	0.036695	0.8394%
1975	27.024562	0.037003	0.9042%
1974	26.782403	0.037338	1.1568%
1973	26.476130	0.037770	0.9427%
1972	26.228870	0.038126	0.7426%
1971	26.035521	0.038409	1.4697%
1970	25.658410	0.038974	0.6968%
1969	25.480854	0.039245	0.8565%
1968	25.264454	0.039581	1.5090%
1967	24.888871	0.040179	0.9949%

1966	24.643689	0.040578	1.0575%
1965	24.385817	0.041007	1.1300%
1964	24.113333	0.041471	1.5537%
1963	23.744426	0.042115	1.4658%
1962	23.401404	0.042732	1.5364%
1961	23.047298	0.043389	2.1586%
1960	22.560303	0.044326	-1.6655%
1959	22.942405	0.043587	4.3080%
1958	21.994867	0.045465	2.1130%
1957	21.539741	0.046426	1.9895%
1956	21.119568	0.047349	2.1231%
1955	20.680501	0.048355	1.4496%
1954	20.384998	0.049056	2.1573%
1953	19.954528	0.050114	1.2298%
1952	19.712117	0.050730	1.6814%
1951	19.386163	0.051583	1.6233%
1950	19.076500	0.052421	1.4265%
1949	18.808194	0.053168	1.7790%
1948	18.479437	0.054114	1.8242%
1947	18.148381	0.055101	-2.6320%
1946	18.638966	0.053651	3.1768%
1945	18.065074	0.055355	6.4754%
1944	16.966428	0.058940	-0.3437%
1943	17.024938	0.058737	0.6562%
1942	16.913945	0.059123	0.6633%
1941	16.802494	0.059515	-5.6614%
1940	17.810842	0.056146	8.0381%
1939	16.485703	0.060659	0.8126%
1938	16.352815	0.061152	0.7762%
1937	16.226855	0.061626	0.6029%
1936	16.129613	0.061998	0.5244%
1935	16.045472	0.062323	-3.0364%
1934	16.547928	0.060431	4.6271%
1933	15.816098	0.063227	1.3921%
1932	15.598942	0.064107	-0.2051%
1931	15.630999	0.063975	0.8886%
1930	15.493325	0.064544	1.0126%
1929	15.338015	0.065197	1.1526%
1928	15.163245	0.065949	1.2160%
1927	14.981074	0.066751	1.4086%
1926	14.772985	0.067691	1.7667%
1925	14.516523	0.068887	1.4465%
1924	14.309535	0.069883	1.7700%
1923	14.060666	0.071120	1.6165%
1922	13.836988	0.072270	1.3736%
1921	13.649493	0.073263	2.3393%
1920	13.337487	0.074977	1.3140%
1919	13.164504	0.075962	0.7676%
1918	13.064218	0.076545	0.3870%
1917	13.013856	0.076841	1.3274%
1916	12.843368	0.077861	1.4083%
1915	12.665008	0.078958	1.4458%
1914	12.484507	0.080099	1.9424%

1913	12.246631	0.081655	1.9857%
1912	12.008187	0.083277	1.5634%
1911	11.823340	0.084578	1.8169%
1910	11.612354	0.086115	1.8781%
1909	11.398287	0.087732	2.0082%
1908	11.173888	0.089494	1.9603%
1907	10.959063	0.091249	1.8264%
1906	10.762502	0.092915	1.9357%
1905	10.558131	0.094714	2.0148%
1904	10.349603	0.096622	2.1335%
1903	10.133404	0.098684	1.8151%
1902	9.952747	0.100475	1.8943%
1901	9.767713	0.102378	3.0255%
1900	9.480869	0.105476	0.6278%
1899	9.421716	0.106138	1.7757%
1898	9.257337	0.108022	1.8078%
1897	9.092959	0.109975	1.8396%
1896	8.928706	0.111998	1.8755%
1895	8.764328	0.114099	1.9114%
1894	8.599950	0.116280	1.9486%
1893	8.435571	0.118546	1.9858%
1892	8.271319	0.120900	2.0276%
1891	8.106940	0.123351	2.6465%
1890	7.897921	0.126616	1.5328%
1889	7.778687	0.128556	2.0811%
1888	7.620103	0.131232	2.1599%
1887	7.459000	0.134066	2.2075%
1886	7.297896	0.137026	2.2592%
1885	7.136667	0.140121	2.3095%
1884	6.975564	0.143358	2.3641%
1883	6.814460	0.146747	2.4214%
1882	6.653357	0.150300	2.4815%
1881	6.492253	0.154030	3.7644%
1880	6.256726	0.159828	0.9432%
1879	6.198262	0.161336	2.1464%
1878	6.068019	0.164798	2.1913%
1877	5.937901	0.168410	2.2426%
1876	5.807658	0.172186	2.2941%
1875	5.677415	0.176136	2.3456%
1874	5.547298	0.180268	2.4043%
1873	5.417055	0.184602	2.4635%
1872	5.286812	0.189150	2.5258%
1871	5.156569	0.193927	5.9947%
1870	4.864932	0.205553	-1.0968%
1869	4.918881	0.203298	2.1930%
1868	4.813327	0.207757	2.2394%
1867	4.707898	0.212409	2.2935%
1866	4.602343	0.217281	2.3445%
1865	4.496914	0.222375	2.4037%
1864	4.391359	0.227720	2.4599%
1863	4.285930	0.233322	2.5250%
1862	4.180375	0.239213	2.5872%
1861	4.074946	0.245402	2.9504%

1860	3.958165	0.252642	2.4012%
1859	3.865348	0.258709	2.7627%
1858	3.761431	0.265856	2.8412%
1857	3.657514	0.273410	2.9243%
1856	3.553596	0.281405	3.0161%
1855	3.449553	0.289893	3.1061%
1854	3.345635	0.298897	3.2056%
1853	3.241718	0.308478	3.3118%
1852	3.137801	0.318695	3.4252%
1851	3.033883	0.329611	4.0106%
1850	2.916898	0.342830	2.3254%
1849	2.850611	0.350802	2.7841%
1848	2.773397	0.360569	2.8590%
1847	2.696309	0.370877	2.9432%
1846	2.619222	0.381793	3.0324%
1845	2.542134	0.393370	3.1325%
1844	2.464920	0.405693	3.2284%
1843	2.387832	0.418790	3.3361%
1842	2.310744	0.432761	3.4512%
1841	2.233657	0.447696	3.8105%
1840	2.151668	0.464756	2.3861%
1839	2.101524	0.475845	2.5824%
1838	2.048621	0.488133	2.6573%
1837	1.995591	0.501105	2.7232%
1836	1.942688	0.514751	2.7994%
1835	1.889785	0.529161	2.8871%
1834	1.836755	0.544438	2.9657%
1833	1.783852	0.560585	3.0563%
1832	1.730948	0.577718	3.1604%
1831	1.677919	0.595976	3.4660%
1830	1.621711	0.616633	2.4653%
1829	1.582693	0.631834	2.6804%
1828	1.541378	0.648770	10.3427%
1827	1.396901	0.715870	-4.2314%
1826	1.458622	0.685579	2.9150%
1825	1.417307	0.705563	3.0026%
1824	1.375992	0.726748	3.0955%
1823	1.334677	0.749245	3.1944%
1822	1.293362	0.773179	3.3102%
1821	1.251921	0.798773	3.2277%
1820	1.212776	0.824555	2.6573%
1819	1.181383	0.846466	2.6261%
1818	1.151153	0.868695	2.6969%
1817	1.120922	0.892123	2.7717%
1816	1.090692	0.916850	2.8507%
1815	1.060461	0.942986	2.9343%
1814	1.030231	0.970657	3.0231%
1813	1.000000	1.000000	3.1039%
1812	0.969895	1.031039	3.2172%
1811	0.939665	1.064209	3.0969%
1810	0.911438	1.097167	2.9144%
1809	0.885628	1.129142	2.8225%
1808	0.861318	1.161012	2.9199%

1807	0.836881	1.194913	2.9918%
1806	0.812571	1.230662	3.0841%
1805	0.788260	1.268616	3.1822%
1804	0.763950	1.308986	3.2868%
1803	0.739640	1.352010	3.3985%
1802	0.715329	1.397957	3.5180%
1801	0.691019	1.447138	3.3999%
1800	0.668297	1.496340	2.8419%
1799	0.649830	1.538864	2.7485%
1798	0.632447	1.581159	2.8261%
1797	0.615065	1.625845	3.7832%
1796	0.592644	1.687354	2.1272%
1795	0.580300	1.723247	3.0879%
1794	0.562917	1.776460	3.1625%
1793	0.545661	1.832641	3.2904%
1792	0.528278	1.892942	3.4024%
1791	0.510896	1.957347	3.2296%
1790	0.494912	2.020561	41.3145%
1780	0.350220	2.855345	29.4353%
1770	0.270576	3.695824	83.4728%
1750	0.147474	6.780834	29.2845%
1740	0.114070	8.766564	94.2514%
1720	0.058723	17.029172	85.8111%
1700	0.031603	31.642088	19.2490%
1690	0.026502	37.732890	88.0250%
1670	0.014095	70.947274	

BASE YEAR: 1812

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	39.146799	0.025545	8.2857%
2001	36.151415	0.027661	1.0000%
2000	35.793477	0.027938	1.0000%
1999	35.439086	0.028217	1.0000%
1998	35.088204	0.028500	1.0000%
1997	34.740796	0.028785	1.0000%
1996	34.396828	0.029072	1.0000%
1995	34.056265	0.029363	0.9992%
1994	33.719334	0.029657	1.0008%
1993	33.385222	0.029953	1.0000%
1992	33.054675	0.030253	0.9295%
1991	32.750260	0.030534	1.2505%
1990	32.345771	0.030916	0.7224%
1989	32.113766	0.031139	1.1077%
1988	31.761948	0.031484	0.8834%
1987	31.483831	0.031762	0.5594%
1986	31.308701	0.031940	1.3056%
1985	30.905195	0.032357	0.7673%
1984	30.669870	0.032605	0.8149%
1983	30.421948	0.032871	0.9737%
1982	30.128571	0.033191	0.9508%
1981	29.844805	0.033507	0.9031%

1980	29.577699	0.033809	2.2701%
1979	28.921169	0.034577	1.0042%
1978	28.633636	0.034924	0.9896%
1977	28.353052	0.035270	0.9103%
1976	28.097273	0.035591	0.8394%
1975	27.863377	0.035889	0.9042%
1974	27.613701	0.036214	1.1568%
1973	27.297922	0.036633	0.9427%
1972	27.042987	0.036978	0.7426%
1971	26.843636	0.037253	1.4697%
1970	26.454820	0.037800	0.6968%
1969	26.271753	0.038064	0.8565%
1968	26.048636	0.038390	1.5090%
1967	25.661396	0.038969	0.9949%
1966	25.408604	0.039357	1.0575%
1965	25.142727	0.039773	1.1300%
1964	24.861786	0.040222	1.5537%
1963	24.481429	0.040847	1.4658%
1962	24.127760	0.041446	1.5364%
1961	23.762662	0.042083	2.1586%
1960	23.260551	0.042991	-1.6655%
1959	23.654513	0.042275	4.3080%
1958	22.677565	0.044096	2.1130%
1957	22.208312	0.045028	1.9895%
1956	21.775097	0.045924	2.1231%
1955	21.322403	0.046899	1.4496%
1954	21.017727	0.047579	2.1573%
1953	20.573896	0.048605	1.2298%
1952	20.323961	0.049203	1.6814%
1951	19.987890	0.050030	1.6233%
1950	19.668614	0.050842	1.4265%
1949	19.391981	0.051568	1.7790%
1948	19.053019	0.052485	1.8242%
1947	18.711688	0.053443	-2.6320%
1946	19.217500	0.052036	3.1768%
1945	18.625795	0.053689	6.4754%
1944	17.493048	0.057166	-0.3437%
1943	17.553375	0.056969	0.6562%
1942	17.438936	0.057343	0.6633%
1941	17.324026	0.057723	-5.6614%
1940	18.363672	0.054455	8.0381%
1939	16.997403	0.058833	0.8126%
1938	16.860390	0.059311	0.7762%
1937	16.730519	0.059771	0.6029%
1936	16.630260	0.060131	0.5244%
1935	16.543506	0.060447	-3.0364%
1934	17.061558	0.058611	4.6271%
1933	16.307013	0.061323	1.3921%
1932	16.083117	0.062177	-0.2051%
1931	16.116169	0.062049	0.8886%
1930	15.974222	0.062601	1.0126%
1929	15.814091	0.063235	1.1526%
1928	15.633896	0.063964	1.2160%

1927	15.446071	0.064741	1.4086%
1926	15.231523	0.065653	1.7667%
1925	14.967101	0.066813	1.4465%
1924	14.753689	0.067780	1.7700%
1923	14.497094	0.068979	1.6165%
1922	14.266474	0.070094	1.3736%
1921	14.073159	0.071057	2.3393%
1920	13.751469	0.072720	1.3140%
1919	13.573117	0.073675	0.7676%
1918	13.469718	0.074241	0.3870%
1917	13.417792	0.074528	1.3274%
1916	13.242013	0.075517	1.4083%
1915	13.058117	0.076581	1.4458%
1914	12.872013	0.077688	1.9424%
1913	12.626753	0.079197	1.9857%
1912	12.380909	0.080770	1.5634%
1911	12.190325	0.082032	1.8169%
1910	11.972789	0.083523	1.8781%
1909	11.752078	0.085091	2.0082%
1908	11.520714	0.086800	1.9603%
1907	11.299221	0.088502	1.8264%
1906	11.096558	0.090118	1.9357%
1905	10.885844	0.091862	2.0148%
1904	10.670844	0.093713	2.1335%
1903	10.447935	0.095713	1.8151%
1902	10.261670	0.097450	1.8943%
1901	10.070892	0.099296	3.0255%
1900	9.775145	0.102300	0.6278%
1899	9.714156	0.102943	1.7757%
1898	9.544675	0.104770	1.8078%
1897	9.375195	0.106664	1.8396%
1896	9.205844	0.108627	1.8755%
1895	9.036364	0.110664	1.9114%
1894	8.866883	0.112779	1.9486%
1893	8.697403	0.114977	1.9858%
1892	8.528052	0.117260	2.0276%
1891	8.358571	0.119638	2.6465%
1890	8.143064	0.122804	1.5328%
1889	8.020130	0.124686	2.0811%
1888	7.856623	0.127281	2.1599%
1887	7.690519	0.130030	2.2075%
1886	7.524416	0.132901	2.2592%
1885	7.358182	0.135903	2.3095%
1884	7.192078	0.139042	2.3641%
1883	7.025974	0.142329	2.4214%
1882	6.859870	0.145775	2.4815%
1881	6.693766	0.149393	3.7644%
1880	6.450928	0.155016	0.9432%
1879	6.390649	0.156479	2.1464%
1878	6.256364	0.159837	2.1913%
1877	6.122208	0.163340	2.2426%
1876	5.987922	0.167003	2.2941%
1875	5.853636	0.170834	2.3456%

1874	5.719481	0.174841	2.4043%
1873	5.585195	0.179045	2.4635%
1872	5.450909	0.183456	2.5258%
1871	5.316623	0.188089	5.9947%
1870	5.015934	0.199365	-1.0968%
1869	5.071558	0.197178	2.1930%
1868	4.962727	0.201502	2.2394%
1867	4.854026	0.206015	2.2935%
1866	4.745195	0.210740	2.3445%
1865	4.636494	0.215680	2.4037%
1864	4.527662	0.220865	2.4599%
1863	4.418961	0.226298	2.5250%
1862	4.310130	0.232012	2.5872%
1861	4.201429	0.238014	2.9504%
1860	4.081022	0.245037	2.4012%
1859	3.985325	0.250921	2.7627%
1858	3.878182	0.257853	2.8412%
1857	3.771039	0.265179	2.9243%
1856	3.663896	0.272934	3.0161%
1855	3.556623	0.281166	3.1061%
1854	3.449481	0.289899	3.2056%
1853	3.342338	0.299192	3.3118%
1852	3.235195	0.309100	3.4252%
1851	3.128052	0.319688	4.0106%
1850	3.007436	0.332509	2.3254%
1849	2.939091	0.340241	2.7841%
1848	2.859481	0.349714	2.8590%
1847	2.780000	0.359712	2.9432%
1846	2.700519	0.370299	3.0324%
1845	2.621039	0.381528	3.1325%
1844	2.541429	0.393479	3.2284%
1843	2.461948	0.406182	3.3361%
1842	2.382468	0.419733	3.4512%
1841	2.302987	0.434219	3.8105%
1840	2.218453	0.450765	2.3861%
1839	2.166753	0.461520	2.5824%
1838	2.112208	0.473438	2.6573%
1837	2.057532	0.486019	2.7232%
1836	2.002987	0.499254	2.7994%
1835	1.948442	0.513231	2.8871%
1834	1.893766	0.528048	2.9657%
1833	1.839221	0.543709	3.0563%
1832	1.784675	0.560326	3.1604%
1831	1.730000	0.578035	3.4660%
1830	1.672047	0.598069	2.4653%
1829	1.631818	0.612813	2.6804%
1828	1.589221	0.629239	10.3427%
1827	1.440260	0.694319	-4.2314%
1826	1.503896	0.664940	2.9150%
1825	1.461299	0.684323	3.0026%
1824	1.418701	0.704870	3.0955%
1823	1.376104	0.726689	3.1944%
1822	1.333506	0.749903	3.3102%

1821	1.290779	0.774726	3.2277%
1820	1.250419	0.799732	2.6573%
1819	1.218052	0.820983	2.6261%
1818	1.186883	0.842543	2.6969%
1817	1.155714	0.865266	2.7717%
1816	1.124545	0.889248	2.8507%
1815	1.093377	0.914598	2.9343%
1814	1.062208	0.941435	3.0231%
1813	1.031039	0.969895	3.1039%
1812	1.000000	1.000000	3.2172%
1811	0.968831	1.032172	3.0969%
1810	0.939729	1.064137	2.9144%
1809	0.913117	1.095150	2.8225%
1808	0.888052	1.126060	2.9199%
1807	0.862857	1.158940	2.9918%
1806	0.837792	1.193613	3.0841%
1805	0.812727	1.230425	3.1822%
1804	0.787662	1.269580	3.2868%
1803	0.762597	1.311308	3.3985%
1802	0.737532	1.355873	3.5180%
1801	0.712468	1.403573	3.3999%
1800	0.689041	1.451293	2.8419%
1799	0.670000	1.492537	2.7485%
1798	0.652078	1.533559	2.8261%
1797	0.634156	1.576899	3.7832%
1796	0.611039	1.636557	2.1272%
1795	0.598312	1.671370	3.0879%
1794	0.580390	1.722981	3.1625%
1793	0.562597	1.777470	3.2904%
1792	0.544675	1.835956	3.4024%
1791	0.526753	1.898422	3.2296%
1790	0.510274	1.959733	41.3145%
1780	0.361091	2.769386	29.4353%
1770	0.278974	3.584563	83.4728%
1750	0.152052	6.576700	29.2845%
1740	0.117610	8.502650	94.2514%
1720	0.060545	16.516517	85.8111%
1700	0.032584	30.689518	19.2490%
1690	0.027325	36.596958	88.0250%
1670	0.014532	68.811439	

BASE YEAR: 1811

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	40.406213	0.024749	8.2857%
2001	37.314464	0.026799	1.0000%
2000	36.945010	0.027067	1.0000%
1999	36.579217	0.027338	1.0000%
1998	36.217047	0.027611	1.0000%
1997	35.858462	0.027887	1.0000%
1996	35.503428	0.028166	1.0000%
1995	35.151909	0.028448	0.9992%

1994	34.804138	0.028732	1.0008%
1993	34.459277	0.029020	1.0000%
1992	34.118097	0.029310	0.9295%
1991	33.803887	0.029582	1.2505%
1990	33.386386	0.029952	0.7224%
1989	33.146917	0.030169	1.1077%
1988	32.783780	0.030503	0.8834%
1987	32.496716	0.030772	0.5594%
1986	32.315952	0.030944	1.3056%
1985	31.899464	0.031348	0.7673%
1984	31.656568	0.031589	0.8149%
1983	31.400670	0.031846	0.9737%
1982	31.097855	0.032157	0.9508%
1981	30.804960	0.032462	0.9031%
1980	30.529260	0.032755	2.2701%
1979	29.851609	0.033499	1.0042%
1978	29.554826	0.033835	0.9896%
1977	29.265214	0.034170	0.9103%
1976	29.001206	0.034481	0.8394%
1975	28.759786	0.034771	0.9042%
1974	28.502078	0.035085	1.1568%
1973	28.176139	0.035491	0.9427%
1972	27.913003	0.035826	0.7426%
1971	27.707239	0.036092	1.4697%
1970	27.305913	0.036622	0.6968%
1969	27.116957	0.036877	0.8565%
1968	26.886662	0.037193	1.5090%
1967	26.486964	0.037754	0.9949%
1966	26.226039	0.038130	1.0575%
1965	25.951609	0.038533	1.1300%
1964	25.661629	0.038969	1.5537%
1963	25.269035	0.039574	1.4658%
1962	24.903988	0.040154	1.5364%
1961	24.527145	0.040771	2.1586%
1960	24.008880	0.041651	-1.6655%
1959	24.415516	0.040958	4.3080%
1958	23.407138	0.042722	2.1130%
1957	22.922788	0.043625	1.9895%
1956	22.475637	0.044493	2.1231%
1955	22.008378	0.045437	1.4496%
1954	21.693901	0.046096	2.1573%
1953	21.235791	0.047090	1.2298%
1952	20.977815	0.047669	1.6814%
1951	20.630932	0.048471	1.6233%
1950	20.301385	0.049258	1.4265%
1949	20.015851	0.049960	1.7790%
1948	19.665985	0.050849	1.8242%
1947	19.313673	0.051777	-2.6320%
1946	19.835757	0.050414	3.1768%
1945	19.225017	0.052016	6.4754%
1944	18.055827	0.055384	-0.3437%
1943	18.118094	0.055193	0.6562%
1942	17.999974	0.055556	0.6633%

1941	17.881367	0.055924	-5.6614%
1940	18.954460	0.052758	8.0381%
1939	17.544236	0.056999	0.8126%
1938	17.402815	0.057462	0.7762%
1937	17.268767	0.057908	0.6029%
1936	17.165282	0.058257	0.5244%
1935	17.075737	0.058563	-3.0364%
1934	17.610456	0.056784	4.6271%
1933	16.831635	0.059412	1.3921%
1932	16.600536	0.060239	-0.2051%
1931	16.634651	0.060115	0.8886%
1930	16.488138	0.060650	1.0126%
1929	16.322855	0.061264	1.1526%
1928	16.136863	0.061970	1.2160%
1927	15.942996	0.062723	1.4086%
1926	15.721545	0.063607	1.7667%
1925	15.448617	0.064731	1.4465%
1924	15.228338	0.065667	1.7700%
1923	14.963489	0.066829	1.6165%
1922	14.725449	0.067910	1.3736%
1921	14.525914	0.068842	2.3393%
1920	14.193875	0.070453	1.3140%
1919	14.009786	0.071379	0.7676%
1918	13.903060	0.071927	0.3870%
1917	13.849464	0.072205	1.3274%
1916	13.668029	0.073163	1.4083%
1915	13.478217	0.074194	1.4458%
1914	13.286126	0.075266	1.9424%
1913	13.032976	0.076728	1.9857%
1912	12.779223	0.078252	1.5634%
1911	12.582507	0.079475	1.8169%
1910	12.357973	0.080919	1.8781%
1909	12.130161	0.082439	2.0082%
1908	11.891354	0.084095	1.9603%
1907	11.662735	0.085743	1.8264%
1906	11.453552	0.087309	1.9357%
1905	11.236059	0.088999	2.0148%
1904	11.014142	0.090792	2.1335%
1903	10.784061	0.092729	1.8151%
1902	10.591804	0.094413	1.8943%
1901	10.394889	0.096201	3.0255%
1900	10.089627	0.099112	0.6278%
1899	10.026676	0.099734	1.7757%
1898	9.851743	0.101505	1.8078%
1897	9.676810	0.103340	1.8396%
1896	9.502011	0.105241	1.8755%
1895	9.327078	0.107215	1.9114%
1894	9.152145	0.109264	1.9486%
1893	8.977212	0.111393	1.9858%
1892	8.802413	0.113605	2.0276%
1891	8.627480	0.115909	2.6465%
1890	8.405039	0.118976	1.5328%
1889	8.278150	0.120800	2.0811%

1888	8.109383	0.123314	2.1599%
1887	7.937936	0.125977	2.2075%
1886	7.766488	0.128758	2.2592%
1885	7.594906	0.131667	2.3095%
1884	7.423458	0.134708	2.3641%
1883	7.252011	0.137893	2.4214%
1882	7.080563	0.141232	2.4815%
1881	6.909115	0.144736	3.7644%
1880	6.658464	0.150185	0.9432%
1879	6.596247	0.151601	2.1464%
1878	6.457641	0.154855	2.1913%
1877	6.319169	0.158249	2.2426%
1876	6.180563	0.161798	2.2941%
1875	6.041957	0.165509	2.3456%
1874	5.903485	0.169391	2.4043%
1873	5.764879	0.173464	2.4635%
1872	5.626273	0.177738	2.5258%
1871	5.487668	0.182227	5.9947%
1870	5.177305	0.193151	-1.0968%
1869	5.234718	0.191032	2.1930%
1868	5.122386	0.195222	2.2394%
1867	5.010188	0.199593	2.2935%
1866	4.897855	0.204171	2.3445%
1865	4.785657	0.208958	2.4037%
1864	4.673324	0.213980	2.4599%
1863	4.561126	0.219244	2.5250%
1862	4.448794	0.224780	2.5872%
1861	4.336595	0.230596	2.9504%
1860	4.212315	0.237399	2.4012%
1859	4.113539	0.243100	2.7627%
1858	4.002949	0.249816	2.8412%
1857	3.892359	0.256914	2.9243%
1856	3.781769	0.264426	3.0161%
1855	3.671046	0.272402	3.1061%
1854	3.560456	0.280863	3.2056%
1853	3.449866	0.289866	3.3118%
1852	3.339276	0.299466	3.4252%
1851	3.228686	0.309723	4.0106%
1850	3.104190	0.322145	2.3254%
1849	3.033646	0.329636	2.7841%
1848	2.951475	0.338814	2.8590%
1847	2.869437	0.348500	2.9432%
1846	2.787399	0.358757	3.0324%
1845	2.705362	0.369636	3.1325%
1844	2.623190	0.381215	3.2284%
1843	2.541153	0.393522	3.3361%
1842	2.459115	0.406650	3.4512%
1841	2.377078	0.420685	3.8105%
1840	2.289824	0.436715	2.3861%
1839	2.236461	0.447135	2.5824%
1838	2.180161	0.458682	2.6573%
1837	2.123727	0.470870	2.7232%
1836	2.067426	0.483693	2.7994%

1835	2.011126	0.497234	2.8871%
1834	1.954692	0.511590	2.9657%
1833	1.898391	0.526762	3.0563%
1832	1.842091	0.542861	3.1604%
1831	1.785657	0.560018	3.4660%
1830	1.725840	0.579428	2.4653%
1829	1.684316	0.593713	2.6804%
1828	1.640349	0.609627	10.3427%
1827	1.486595	0.672678	-4.2314%
1826	1.552279	0.644214	2.9150%
1825	1.508311	0.662993	3.0026%
1824	1.464343	0.682900	3.0955%
1823	1.420375	0.704039	3.1944%
1822	1.376408	0.726529	3.3102%
1821	1.332306	0.750579	3.2277%
1820	1.290647	0.774805	2.6573%
1819	1.257239	0.795394	2.6261%
1818	1.225067	0.816282	2.6969%
1817	1.192895	0.838296	2.7717%
1816	1.160724	0.861531	2.8507%
1815	1.128552	0.886091	2.9343%
1814	1.096381	0.912092	3.0231%
1813	1.064209	0.939665	3.1039%
1812	1.032172	0.968831	3.2172%
1811	1.000000	1.000000	3.0969%
1810	0.969961	1.030969	2.9144%
1809	0.942493	1.061016	2.8225%
1808	0.916622	1.090962	2.9199%
1807	0.890617	1.122818	2.9918%
1806	0.864745	1.156410	3.0841%
1805	0.838874	1.192074	3.1822%
1804	0.813003	1.230008	3.2868%
1803	0.787131	1.270436	3.3985%
1802	0.761260	1.313612	3.5180%
1801	0.735389	1.359825	3.3999%
1800	0.711208	1.406058	2.8419%
1799	0.691555	1.446017	2.7485%
1798	0.673056	1.485760	2.8261%
1797	0.654558	1.527749	3.7832%
1796	0.630697	1.585547	2.1272%
1795	0.617560	1.619275	3.0879%
1794	0.599062	1.669277	3.1625%
1793	0.580697	1.722068	3.2904%
1792	0.562198	1.778732	3.4024%
1791	0.543700	1.839250	3.2296%
1790	0.526690	1.898650	41.3145%
1780	0.372708	2.683067	29.4353%
1770	0.287949	3.472836	83.4728%
1750	0.156944	6.371712	29.2845%
1740	0.121394	8.237633	94.2514%
1720	0.062493	16.001716	85.8111%
1700	0.033633	29.732961	19.2490%
1690	0.028204	35.456274	88.0250%

1670 0.015000 66.666667

BASE YEAR: 1810

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	41.657559	0.024005	8.2857%
2001	38.470061	0.025994	1.0000%
2000	38.089165	0.026254	1.0000%
1999	37.712045	0.026517	1.0000%
1998	37.338658	0.026782	1.0000%
1997	36.968969	0.027050	1.0000%
1996	36.602939	0.027320	1.0000%
1995	36.240534	0.027593	0.9992%
1994	35.881993	0.027869	1.0008%
1993	35.526452	0.028148	1.0000%
1992	35.174705	0.028430	0.9295%
1991	34.850765	0.028694	1.2505%
1990	34.420334	0.029053	0.7224%
1989	34.173449	0.029262	1.1077%
1988	33.799066	0.029587	0.8834%
1987	33.503112	0.029848	0.5594%
1986	33.316749	0.030015	1.3056%
1985	32.887363	0.030407	0.7673%
1984	32.636945	0.030640	0.8149%
1983	32.373122	0.030890	0.9737%
1982	32.060929	0.031191	0.9508%
1981	31.758963	0.031487	0.9031%
1980	31.474726	0.031772	2.2701%
1979	30.776088	0.032493	1.0042%
1978	30.470114	0.032819	0.9896%
1977	30.171533	0.033144	0.9103%
1976	29.899349	0.033446	0.8394%
1975	29.650452	0.033726	0.9042%
1974	29.384763	0.034031	1.1568%
1973	29.048731	0.034425	0.9427%
1972	28.777445	0.034749	0.7426%
1971	28.565308	0.035007	1.4697%
1970	28.151554	0.035522	0.6968%
1969	27.956746	0.035770	0.8565%
1968	27.719319	0.036076	1.5090%
1967	27.307243	0.036620	0.9949%
1966	27.038237	0.036985	1.0575%
1965	26.755308	0.037376	1.1300%
1964	26.456348	0.037798	1.5537%
1963	26.051595	0.038385	1.4658%
1962	25.675243	0.038948	1.5364%
1961	25.286730	0.039546	2.1586%
1960	24.752414	0.040400	-1.6655%
1959	25.171644	0.039727	4.3080%
1958	24.132037	0.041439	2.1130%
1957	23.632688	0.042314	1.9895%
1956	23.171688	0.043156	2.1231%

1955	22.689959	0.044072	1.4496%
1954	22.365743	0.044711	2.1573%
1953	21.893445	0.045676	1.2298%
1952	21.627480	0.046237	1.6814%
1951	21.269854	0.047015	1.6233%
1950	20.930101	0.047778	1.4265%
1949	20.635725	0.048460	1.7790%
1948	20.275024	0.049322	1.8242%
1947	19.911801	0.050221	-2.6320%
1946	20.450054	0.048900	3.1768%
1945	19.820399	0.050453	6.4754%
1944	18.615000	0.053720	-0.3437%
1943	18.679196	0.053535	0.6562%
1942	18.557418	0.053887	0.6633%
1941	18.435138	0.054244	-5.6614%
1940	19.541464	0.051173	8.0381%
1939	18.087566	0.055287	0.8126%
1938	17.941765	0.055736	0.7762%
1937	17.803566	0.056169	0.6029%
1936	17.696876	0.056507	0.5244%
1935	17.604558	0.056803	-3.0364%
1934	18.155837	0.055079	4.6271%
1933	17.352897	0.057627	1.3921%
1932	17.114641	0.058430	-0.2051%
1931	17.149813	0.058310	0.8886%
1930	16.998762	0.058828	1.0126%
1929	16.828360	0.059423	1.1526%
1928	16.636608	0.060108	1.2160%
1927	16.436737	0.060839	1.4086%
1926	16.208428	0.061696	1.7667%
1925	15.927047	0.062786	1.4465%
1924	15.699947	0.063694	1.7700%
1923	15.426895	0.064822	1.6165%
1922	15.181483	0.065870	1.3736%
1921	14.975770	0.066775	2.3393%
1920	14.633448	0.068337	1.3140%
1919	14.443657	0.069235	0.7676%
1918	14.333626	0.069766	0.3870%
1917	14.278370	0.070036	1.3274%
1916	14.091317	0.070966	1.4083%
1915	13.895626	0.071965	1.4458%
1914	13.697586	0.073006	1.9424%
1913	13.436596	0.074424	1.9857%
1912	13.174984	0.075901	1.5634%
1911	12.972176	0.077088	1.8169%
1910	12.740689	0.078489	1.8781%
1909	12.505822	0.079963	2.0082%
1908	12.259619	0.081569	1.9603%
1907	12.023920	0.083168	1.8264%
1906	11.808259	0.084686	1.9357%
1905	11.584030	0.086326	2.0148%
1904	11.355241	0.088065	2.1335%
1903	11.118034	0.089944	1.8151%

1902	10.919823	0.091577	1.8943%
1901	10.716810	0.093311	3.0255%
1900	10.402094	0.096134	0.6278%
1899	10.337193	0.096738	1.7757%
1898	10.156843	0.098456	1.8078%
1897	9.976492	0.100236	1.8396%
1896	9.796280	0.102080	1.8755%
1895	9.615929	0.103994	1.9114%
1894	9.435579	0.105982	1.9486%
1893	9.255228	0.108047	1.9858%
1892	9.075016	0.110193	2.0276%
1891	8.894666	0.112427	2.6465%
1890	8.665336	0.115402	1.5328%
1889	8.534517	0.117171	2.0811%
1888	8.360524	0.119610	2.1599%
1887	8.183767	0.122193	2.2075%
1886	8.007009	0.124891	2.2592%
1885	7.830114	0.127712	2.3095%
1884	7.653357	0.130662	2.3641%
1883	7.476599	0.133751	2.4214%
1882	7.299842	0.136989	2.4815%
1881	7.123085	0.140389	3.7644%
1880	6.864671	0.145673	0.9432%
1879	6.800527	0.147047	2.1464%
1878	6.657628	0.150204	2.1913%
1877	6.514868	0.153495	2.2426%
1876	6.371970	0.156937	2.2941%
1875	6.229071	0.160538	2.3456%
1874	6.086311	0.164303	2.4043%
1873	5.943413	0.168253	2.4635%
1872	5.800514	0.172399	2.5258%
1871	5.657616	0.176753	5.9947%
1870	5.337642	0.187349	-1.0968%
1869	5.396833	0.185294	2.1930%
1868	5.281022	0.189357	2.2394%
1867	5.165349	0.193598	2.2935%
1866	5.049538	0.198038	2.3445%
1865	4.933865	0.202681	2.4037%
1864	4.818053	0.207553	2.4599%
1863	4.702380	0.212658	2.5250%
1862	4.586569	0.218028	2.5872%
1861	4.470896	0.223669	2.9504%
1860	4.342767	0.230268	2.4012%
1859	4.240932	0.235797	2.7627%
1858	4.126917	0.242312	2.8412%
1857	4.012902	0.249196	2.9243%
1856	3.898888	0.256483	3.0161%
1855	3.784735	0.264219	3.1061%
1854	3.670720	0.272426	3.2056%
1853	3.556705	0.281159	3.3118%
1852	3.442691	0.290470	3.4252%
1851	3.328676	0.300420	4.0106%
1850	3.200324	0.312468	2.3254%

1849	3.127596	0.319734	2.7841%
1848	3.042879	0.328636	2.8590%
1847	2.958301	0.338032	2.9432%
1846	2.873723	0.347981	3.0324%
1845	2.789145	0.358533	3.1325%
1844	2.704428	0.369764	3.2284%
1843	2.619850	0.381701	3.3361%
1842	2.535272	0.394435	3.4512%
1841	2.450694	0.408048	3.8105%
1840	2.360738	0.423596	2.3861%
1839	2.305722	0.433704	2.5824%
1838	2.247679	0.444903	2.6573%
1837	2.189497	0.456726	2.7232%
1836	2.131453	0.469164	2.7994%
1835	2.073409	0.482298	2.8871%
1834	2.015227	0.496222	2.9657%
1833	1.957183	0.510938	3.0563%
1832	1.899139	0.526554	3.1604%
1831	1.840957	0.543196	3.4660%
1830	1.779288	0.562023	2.4653%
1829	1.736478	0.575878	2.6804%
1828	1.691149	0.591314	10.3427%
1827	1.532634	0.652472	-4.2314%
1826	1.600352	0.624863	2.9150%
1825	1.555022	0.643078	3.0026%
1824	1.509693	0.662386	3.0955%
1823	1.464363	0.682891	3.1944%
1822	1.419034	0.704705	3.3102%
1821	1.373566	0.728032	3.2277%
1820	1.330617	0.751531	2.6573%
1819	1.296174	0.771501	2.6261%
1818	1.263006	0.791762	2.6969%
1817	1.229838	0.813115	2.7717%
1816	1.196670	0.835652	2.8507%
1815	1.163503	0.859474	2.9343%
1814	1.130335	0.884694	3.0231%
1813	1.097167	0.911438	3.1039%
1812	1.064137	0.939729	3.2172%
1811	1.030969	0.969961	3.0969%
1810	1.000000	1.000000	2.9144%
1809	0.971682	1.029144	2.8225%
1808	0.945009	1.058191	2.9199%
1807	0.918198	1.089089	2.9918%
1806	0.891526	1.121673	3.0841%
1805	0.864853	1.156266	3.1822%
1804	0.838181	1.193060	3.2868%
1803	0.811508	1.232274	3.3985%
1802	0.784836	1.274152	3.5180%
1801	0.758163	1.318977	3.3999%
1800	0.733234	1.363822	2.8419%
1799	0.712972	1.402580	2.7485%
1798	0.693900	1.441129	2.8261%
1797	0.674829	1.481857	3.7832%

1796	0.650229	1.537919	2.1272%
1795	0.636686	1.570634	3.0879%
1794	0.617614	1.619134	3.1625%
1793	0.598681	1.670339	3.2904%
1792	0.579609	1.725300	3.4024%
1791	0.560538	1.784001	3.2296%
1790	0.543001	1.841617	41.3145%
1780	0.384250	2.602471	29.4353%
1770	0.296867	3.368516	83.4728%
1750	0.161804	6.180313	29.2845%
1740	0.125154	7.990183	94.2514%
1720	0.064429	15.521042	85.8111%
1700	0.034674	28.839817	19.2490%
1690	0.029077	34.391207	88.0250%
1670	0.015465	64.664075	

BASE YEAR: 1809

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	42.871618	0.023325	8.2857%
2001	39.591224	0.025258	1.0000%
2000	39.199228	0.025511	1.0000%
1999	38.811117	0.025766	1.0000%
1998	38.426848	0.026023	1.0000%
1997	38.046384	0.026284	1.0000%
1996	37.669688	0.026547	1.0000%
1995	37.296720	0.026812	0.9992%
1994	36.927730	0.027080	1.0008%
1993	36.561828	0.027351	1.0000%
1992	36.199829	0.027624	0.9295%
1991	35.866449	0.027881	1.2505%
1990	35.423473	0.028230	0.7224%
1989	35.169393	0.028434	1.1077%
1988	34.784099	0.028749	0.8834%
1987	34.479519	0.029003	0.5594%
1986	34.287726	0.029165	1.3056%
1985	33.845826	0.029546	0.7673%
1984	33.588110	0.029772	0.8149%
1983	33.316598	0.030015	0.9737%
1982	32.995306	0.030307	0.9508%
1981	32.684540	0.030596	0.9031%
1980	32.392019	0.030872	2.2701%
1979	31.673019	0.031573	1.0042%
1978	31.358128	0.031890	0.9896%
1977	31.050846	0.032205	0.9103%
1976	30.770730	0.032498	0.8394%
1975	30.514578	0.032771	0.9042%
1974	30.241146	0.033068	1.1568%
1973	29.895321	0.033450	0.9427%
1972	29.616129	0.033765	0.7426%
1971	29.397810	0.034016	1.4697%
1970	28.971997	0.034516	0.6968%

1969	28.771512	0.034757	0.8565%
1968	28.527165	0.035054	1.5090%
1967	28.103079	0.035583	0.9949%
1966	27.826234	0.035937	1.0575%
1965	27.535059	0.036317	1.1300%
1964	27.227386	0.036728	1.5537%
1963	26.810838	0.037298	1.4658%
1962	26.423517	0.037845	1.5364%
1961	26.023681	0.038427	2.1586%
1960	25.473793	0.039256	-1.6655%
1959	25.905241	0.038602	4.3080%
1958	24.835336	0.040265	2.1130%
1957	24.321434	0.041116	1.9895%
1956	23.846999	0.041934	2.1231%
1955	23.351230	0.042824	1.4496%
1954	23.017565	0.043445	2.1573%
1953	22.531503	0.044382	1.2298%
1952	22.257787	0.044928	1.6814%
1951	21.889738	0.045684	1.6233%
1950	21.540084	0.046425	1.4265%
1949	21.237128	0.047087	1.7790%
1948	20.865915	0.047925	1.8242%
1947	20.492106	0.048799	-2.6320%
1946	21.046046	0.047515	3.1768%
1945	20.398041	0.049024	6.4754%
1944	19.157512	0.052199	-0.3437%
1943	19.223579	0.052019	0.6562%
1942	19.098252	0.052361	0.6633%
1941	18.972408	0.052708	-5.6614%
1940	20.110976	0.049724	8.0381%
1939	18.614706	0.053721	0.8126%
1938	18.464657	0.054158	0.7762%
1937	18.322429	0.054578	0.6029%
1936	18.212630	0.054907	0.5244%
1935	18.117622	0.055195	-3.0364%
1934	18.684967	0.053519	4.6271%
1933	17.858626	0.055995	1.3921%
1932	17.613426	0.056775	-0.2051%
1931	17.649623	0.056658	0.8886%
1930	17.494170	0.057162	1.0126%
1929	17.318802	0.057741	1.1526%
1928	17.121462	0.058406	1.2160%
1927	16.915766	0.059116	1.4086%
1926	16.680803	0.059949	1.7667%
1925	16.391222	0.061008	1.4465%
1924	16.157503	0.061891	1.7700%
1923	15.876493	0.062986	1.6165%
1922	15.623929	0.064004	1.3736%
1921	15.412220	0.064884	2.3393%
1920	15.059922	0.066401	1.3140%
1919	14.864600	0.067274	0.7676%
1918	14.751362	0.067790	0.3870%
1917	14.694496	0.068053	1.3274%

1916	14.501991	0.068956	1.4083%
1915	14.300597	0.069927	1.4458%
1914	14.096786	0.070938	1.9424%
1913	13.828189	0.072316	1.9857%
1912	13.558953	0.073752	1.5634%
1911	13.350235	0.074905	1.8169%
1910	13.112001	0.076266	1.8781%
1909	12.870289	0.077698	2.0082%
1908	12.616911	0.079259	1.9603%
1907	12.374342	0.080812	1.8264%
1906	12.152397	0.082288	1.9357%
1905	11.921633	0.083881	2.0148%
1904	11.686176	0.085571	2.1335%
1903	11.442056	0.087397	1.8151%
1902	11.238068	0.088983	1.8943%
1901	11.029138	0.090669	3.0255%
1900	10.705251	0.093412	0.6278%
1899	10.638458	0.093999	1.7757%
1898	10.452852	0.095668	1.8078%
1897	10.267245	0.097397	1.8396%
1896	10.081781	0.099189	1.8755%
1895	9.896174	0.101049	1.9114%
1894	9.710567	0.102981	1.9486%
1893	9.524961	0.104987	1.9858%
1892	9.339497	0.107072	2.0276%
1891	9.153890	0.109243	2.6465%
1890	8.917877	0.112134	1.5328%
1889	8.783246	0.113853	2.0811%
1888	8.604181	0.116223	2.1599%
1887	8.422273	0.118733	2.2075%
1886	8.240364	0.121354	2.2592%
1885	8.058313	0.124095	2.3095%
1884	7.876404	0.126961	2.3641%
1883	7.694496	0.129963	2.4214%
1882	7.512587	0.133110	2.4815%
1881	7.330678	0.136413	3.7644%
1880	7.064734	0.141548	0.9432%
1879	6.998720	0.142883	2.1464%
1878	6.851657	0.145950	2.1913%
1877	6.704736	0.149148	2.2426%
1876	6.557673	0.152493	2.2941%
1875	6.410610	0.155991	2.3456%
1874	6.263689	0.159650	2.4043%
1873	6.116626	0.163489	2.4635%
1872	5.969563	0.167516	2.5258%
1871	5.822500	0.171748	5.9947%
1870	5.493201	0.182043	-1.0968%
1869	5.554117	0.180047	2.1930%
1868	5.434931	0.183995	2.2394%
1867	5.315887	0.188115	2.2935%
1866	5.196700	0.192430	2.3445%
1865	5.077656	0.196941	2.4037%
1864	4.958470	0.201675	2.4599%

1863	4.839425	0.206636	2.5250%
1862	4.720239	0.211854	2.5872%
1861	4.601195	0.217335	2.9504%
1860	4.469331	0.223747	2.4012%
1859	4.364529	0.229120	2.7627%
1858	4.247191	0.235450	2.8412%
1857	4.129854	0.242139	2.9243%
1856	4.012516	0.249220	3.0161%
1855	3.895036	0.256737	3.1061%
1854	3.777699	0.264711	3.2056%
1853	3.660361	0.273197	3.3118%
1852	3.543024	0.282245	3.4252%
1851	3.425686	0.291912	4.0106%
1850	3.293593	0.303620	2.3254%
1849	3.218746	0.310680	2.7841%
1848	3.131560	0.319330	2.8590%
1847	3.044517	0.328459	2.9432%
1846	2.957474	0.338126	3.0324%
1845	2.870431	0.348380	3.1325%
1844	2.783246	0.359293	3.2284%
1843	2.696203	0.370892	3.3361%
1842	2.609159	0.383265	3.4512%
1841	2.522116	0.396492	3.8105%
1840	2.429539	0.411601	2.3861%
1839	2.372920	0.421422	2.5824%
1838	2.313184	0.432304	2.6573%
1837	2.253307	0.443792	2.7232%
1836	2.193571	0.455878	2.7994%
1835	2.133836	0.468640	2.8871%
1834	2.073958	0.482170	2.9657%
1833	2.014223	0.496469	3.0563%
1832	1.954487	0.511643	3.1604%
1831	1.894610	0.527813	3.4660%
1830	1.831143	0.546107	2.4653%
1829	1.787086	0.559570	2.6804%
1828	1.740435	0.574569	10.3427%
1827	1.577301	0.633995	-4.2314%
1826	1.646992	0.607168	2.9150%
1825	1.600341	0.624867	3.0026%
1824	1.553691	0.643629	3.0955%
1823	1.507040	0.663552	3.1944%
1822	1.460390	0.684749	3.3102%
1821	1.413597	0.707415	3.2277%
1820	1.369396	0.730249	2.6573%
1819	1.333950	0.749653	2.6261%
1818	1.299815	0.769340	2.6969%
1817	1.265681	0.790089	2.7717%
1816	1.231546	0.811988	2.8507%
1815	1.197411	0.835135	2.9343%
1814	1.163277	0.859641	3.0231%
1813	1.129142	0.885628	3.1039%
1812	1.095150	0.913117	3.2172%
1811	1.061016	0.942493	3.0969%

1810	1.029144	0.971682	2.9144%
1809	1.000000	1.000000	2.8225%
1808	0.972550	1.028225	2.9199%
1807	0.944958	1.058248	2.9918%
1806	0.917508	1.089909	3.0841%
1805	0.890058	1.123522	3.1822%
1804	0.862608	1.159275	3.2868%
1803	0.835159	1.197377	3.3985%
1802	0.807709	1.238070	3.5180%
1801	0.780259	1.281626	3.3999%
1800	0.754603	1.325201	2.8419%
1799	0.733751	1.362861	2.7485%
1798	0.714123	1.400319	2.8261%
1797	0.694496	1.439894	3.7832%
1796	0.669179	1.494368	2.1272%
1795	0.655241	1.526156	3.0879%
1794	0.635614	1.573283	3.1625%
1793	0.616129	1.623038	3.2904%
1792	0.596501	1.676443	3.4024%
1791	0.576874	1.733481	3.2296%
1790	0.558826	1.789465	41.3145%
1780	0.395449	2.528773	29.4353%
1770	0.305518	3.273125	83.4728%
1750	0.166520	6.005296	29.2845%
1740	0.128801	7.763913	94.2514%
1720	0.066306	15.081510	85.8111%
1700	0.035685	28.023117	19.2490%
1690	0.029925	33.417300	88.0250%
1670	0.015915	62.832887	

BASE YEAR: 1808

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	44.081654	0.022685	8.2857%
2001	40.708672	0.024565	1.0000%
2000	40.305612	0.024810	1.0000%
1999	39.906546	0.025059	1.0000%
1998	39.511432	0.025309	1.0000%
1997	39.120229	0.025562	1.0000%
1996	38.732900	0.025818	1.0000%
1995	38.349406	0.026076	0.9992%
1994	37.970002	0.026337	1.0008%
1993	37.593772	0.026600	1.0000%
1992	37.221556	0.026866	0.9295%
1991	36.878766	0.027116	1.2505%
1990	36.423287	0.027455	0.7224%
1989	36.162036	0.027653	1.1077%
1988	35.765867	0.027960	0.8834%
1987	35.452691	0.028207	0.5594%
1986	35.255484	0.028364	1.3056%
1985	34.801111	0.028735	0.7673%
1984	34.536122	0.028955	0.8149%

1983	34.256946	0.029191	0.9737%
1982	33.926587	0.029475	0.9508%
1981	33.607049	0.029756	0.9031%
1980	33.306271	0.030024	2.2701%
1979	32.566979	0.030706	1.0042%
1978	32.243200	0.031014	0.9896%
1977	31.927245	0.031321	0.9103%
1976	31.639222	0.031606	0.8394%
1975	31.375841	0.031872	0.9042%
1974	31.094691	0.032160	1.1568%
1973	30.739105	0.032532	0.9427%
1972	30.452033	0.032839	0.7426%
1971	30.227552	0.033082	1.4697%
1970	29.789721	0.033569	0.6968%
1969	29.583577	0.033803	0.8565%
1968	29.332334	0.034092	1.5090%
1967	28.896278	0.034607	0.9949%
1966	28.611619	0.034951	1.0575%
1965	28.312226	0.035320	1.1300%
1964	27.995869	0.035720	1.5537%
1963	27.567564	0.036275	1.4658%
1962	27.169311	0.036806	1.5364%
1961	26.758190	0.037372	2.1586%
1960	26.192782	0.038178	-1.6655%
1959	26.636407	0.037543	4.3080%
1958	25.536304	0.039160	2.1130%
1957	25.007897	0.039987	1.9895%
1956	24.520072	0.040783	2.1231%
1955	24.010310	0.041649	1.4496%
1954	23.667227	0.042253	2.1573%
1953	23.167447	0.043164	1.2298%
1952	22.886005	0.043695	1.6814%
1951	22.507568	0.044430	1.6233%
1950	22.148045	0.045151	1.4265%
1949	21.836538	0.045795	1.7790%
1948	21.454848	0.046610	1.8242%
1947	21.070488	0.047460	-2.6320%
1946	21.640063	0.046211	3.1768%
1945	20.973768	0.047679	6.4754%
1944	19.698226	0.050766	-0.3437%
1943	19.766157	0.050592	0.6562%
1942	19.637293	0.050924	0.6633%
1941	19.507897	0.051261	-5.6614%
1940	20.678601	0.048359	8.0381%
1939	19.140099	0.052246	0.8126%
1938	18.985815	0.052671	0.7762%
1937	18.839573	0.053080	0.6029%
1936	18.726674	0.053400	0.5244%
1935	18.628985	0.053680	-3.0364%
1934	19.212343	0.052050	4.6271%
1933	18.362679	0.054458	1.3921%
1932	18.110559	0.055216	-0.2051%
1931	18.147777	0.055103	0.8886%

1930	17.987937	0.055593	1.0126%
1929	17.807619	0.056156	1.1526%
1928	17.604709	0.056803	1.2160%
1927	17.393207	0.057494	1.4086%
1926	17.151613	0.058304	1.7667%
1925	16.853858	0.059334	1.4465%
1924	16.613542	0.060192	1.7700%
1923	16.324601	0.061257	1.6165%
1922	16.064909	0.062247	1.3736%
1921	15.847224	0.063103	2.3393%
1920	15.484982	0.064579	1.3140%
1919	15.284147	0.065427	0.7676%
1918	15.167714	0.065930	0.3870%
1917	15.109242	0.066185	1.3274%
1916	14.911304	0.067063	1.4083%
1915	14.704226	0.068008	1.4458%
1914	14.494662	0.068991	1.9424%
1913	14.218485	0.070331	1.9857%
1912	13.941650	0.071728	1.5634%
1911	13.727040	0.072849	1.8169%
1910	13.482082	0.074173	1.8781%
1909	13.233548	0.075566	2.0082%
1908	12.973018	0.077083	1.9603%
1907	12.723603	0.078594	1.8264%
1906	12.495393	0.080029	1.9357%
1905	12.258116	0.081579	2.0148%
1904	12.016013	0.083222	2.1335%
1903	11.765004	0.084998	1.8151%
1902	11.555259	0.086541	1.8943%
1901	11.340431	0.088180	3.0255%
1900	11.007402	0.090848	0.6278%
1899	10.938725	0.091418	1.7757%
1898	10.747879	0.093042	1.8078%
1897	10.557034	0.094724	1.8396%
1896	10.366335	0.096466	1.8755%
1895	10.175490	0.098275	1.9114%
1894	9.984645	0.100154	1.9486%
1893	9.793799	0.102105	1.9858%
1892	9.603100	0.104133	2.0276%
1891	9.412255	0.106244	2.6465%
1890	9.169581	0.109056	1.5328%
1889	9.031149	0.110728	2.0811%
1888	8.847031	0.113032	2.1599%
1887	8.659988	0.115474	2.2075%
1886	8.472945	0.118023	2.2592%
1885	8.285756	0.120689	2.3095%
1884	8.098713	0.123476	2.3641%
1883	7.911670	0.126396	2.4214%
1882	7.724627	0.129456	2.4815%
1881	7.537584	0.132669	3.7644%
1880	7.264133	0.137663	0.9432%
1879	7.196256	0.138961	2.1464%
1878	7.045042	0.141944	2.1913%

1877	6.893975	0.145054	2.2426%
1876	6.742761	0.148307	2.2941%
1875	6.591547	0.151709	2.3456%
1874	6.440480	0.155268	2.4043%
1873	6.289266	0.159001	2.4635%
1872	6.138052	0.162918	2.5258%
1871	5.986838	0.167033	5.9947%
1870	5.648244	0.177046	-1.0968%
1869	5.710880	0.175104	2.1930%
1868	5.588330	0.178944	2.2394%
1867	5.465926	0.182952	2.2935%
1866	5.343375	0.187148	2.3445%
1865	5.220971	0.191535	2.4037%
1864	5.098421	0.196139	2.4599%
1863	4.976016	0.200964	2.5250%
1862	4.853466	0.206038	2.5872%
1861	4.731062	0.211369	2.9504%
1860	4.595476	0.217605	2.4012%
1859	4.487716	0.222831	2.7627%
1858	4.367066	0.228987	2.8412%
1857	4.246417	0.235493	2.9243%
1856	4.125768	0.242379	3.0161%
1855	4.004972	0.249690	3.1061%
1854	3.884323	0.257445	3.2056%
1853	3.763674	0.265698	3.3118%
1852	3.643024	0.274497	3.4252%
1851	3.522375	0.283899	4.0106%
1850	3.386554	0.295285	2.3254%
1849	3.309593	0.302152	2.7841%
1848	3.219947	0.310564	2.8590%
1847	3.130447	0.319443	2.9432%
1846	3.040948	0.328845	3.0324%
1845	2.951448	0.338817	3.1325%
1844	2.861802	0.349430	3.2284%
1843	2.772302	0.360711	3.3361%
1842	2.682802	0.372745	3.4512%
1841	2.593302	0.385609	3.8105%
1840	2.498112	0.400302	2.3861%
1839	2.439895	0.409854	2.5824%
1838	2.378473	0.420438	2.6573%
1837	2.316906	0.431610	2.7232%
1836	2.255484	0.443364	2.7994%
1835	2.194063	0.455776	2.8871%
1834	2.132495	0.468934	2.9657%
1833	2.071073	0.482841	3.0563%
1832	2.009652	0.497599	3.1604%
1831	1.948084	0.513325	3.4660%
1830	1.882826	0.531116	2.4653%
1829	1.837526	0.544210	2.6804%
1828	1.789558	0.558797	10.3427%
1827	1.621819	0.616592	-4.2314%
1826	1.693478	0.590501	2.9150%
1825	1.645510	0.607714	3.0026%

1824	1.597543	0.625961	3.0955%
1823	1.549576	0.645338	3.1944%
1822	1.501609	0.665952	3.3102%
1821	1.453495	0.687997	3.2277%
1820	1.408047	0.710204	2.6573%
1819	1.371600	0.729076	2.6261%
1818	1.336502	0.748222	2.6969%
1817	1.301404	0.768401	2.7717%
1816	1.266306	0.789699	2.8507%
1815	1.231208	0.812210	2.9343%
1814	1.196110	0.836044	3.0231%
1813	1.161012	0.861318	3.1039%
1812	1.126060	0.888052	3.2172%
1811	1.090962	0.916622	3.0969%
1810	1.058191	0.945009	2.9144%
1809	1.028225	0.972550	2.8225%
1808	1.000000	1.000000	2.9199%
1807	0.971629	1.029199	2.9918%
1806	0.943405	1.059991	3.0841%
1805	0.915180	1.092681	3.1822%
1804	0.886955	1.127453	3.2868%
1803	0.858731	1.164510	3.3985%
1802	0.830506	1.204085	3.5180%
1801	0.802281	1.246445	3.3999%
1800	0.775901	1.288824	2.8419%
1799	0.754460	1.325451	2.7485%
1798	0.734279	1.361880	2.8261%
1797	0.714098	1.400369	3.7832%
1796	0.688067	1.453348	2.1272%
1795	0.673735	1.484263	3.0879%
1794	0.653554	1.530096	3.1625%
1793	0.633519	1.578486	3.2904%
1792	0.613337	1.630424	3.4024%
1791	0.593156	1.685897	3.2296%
1790	0.574599	1.740345	41.3145%
1780	0.406610	2.459358	29.4353%
1770	0.314142	3.183278	83.4728%
1750	0.171220	5.840451	29.2845%
1740	0.132436	7.550795	94.2514%
1720	0.068178	14.667525	85.8111%
1700	0.036692	27.253886	19.2490%
1690	0.030769	32.500000	88.0250%
1670	0.016364	61.108132	

BASE YEAR: 1807

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	45.368806	0.022042	8.2857%
2001	41.897336	0.023868	1.0000%
2000	41.482506	0.024107	1.0000%
1999	41.071788	0.024348	1.0000%
1998	40.665137	0.024591	1.0000%

1997	40.262512	0.024837	1.0000%
1996	39.863873	0.025085	1.0000%
1995	39.469181	0.025336	0.9992%
1994	39.078698	0.025589	1.0008%
1993	38.691483	0.025845	1.0000%
1992	38.308399	0.026104	0.9295%
1991	37.955599	0.026347	1.2505%
1990	37.486821	0.026676	0.7224%
1989	37.217941	0.026869	1.1077%
1988	36.810205	0.027166	0.8834%
1987	36.487884	0.027406	0.5594%
1986	36.284919	0.027560	1.3056%
1985	35.817279	0.027919	0.7673%
1984	35.544551	0.028134	0.8149%
1983	35.257225	0.028363	0.9737%
1982	34.917219	0.028639	0.9508%
1981	34.588350	0.028911	0.9031%
1980	34.278790	0.029173	2.2701%
1979	33.517911	0.029835	1.0042%
1978	33.184678	0.030134	0.9896%
1977	32.859497	0.030433	0.9103%
1976	32.563064	0.030710	0.8394%
1975	32.291993	0.030967	0.9042%
1974	32.002634	0.031247	1.1568%
1973	31.636665	0.031609	0.9427%
1972	31.341210	0.031907	0.7426%
1971	31.110175	0.032144	1.4697%
1970	30.659560	0.032616	0.6968%
1969	30.447396	0.032844	0.8565%
1968	30.188817	0.033125	1.5090%
1967	29.740029	0.033625	0.9949%
1966	29.447057	0.033959	1.0575%
1965	29.138922	0.034318	1.1300%
1964	28.813328	0.034706	1.5537%
1963	28.372517	0.035245	1.4658%
1962	27.962635	0.035762	1.5364%
1961	27.539509	0.036311	2.1586%
1960	26.957592	0.037095	-1.6655%
1959	27.414171	0.036477	4.3080%
1958	26.281946	0.038049	2.1130%
1957	25.738110	0.038853	1.9895%
1956	25.236040	0.039626	2.1231%
1955	24.711394	0.040467	1.4496%
1954	24.358293	0.041054	2.1573%
1953	23.843919	0.041939	1.2298%
1952	23.554259	0.042455	1.6814%
1951	23.164773	0.043169	1.6233%
1950	22.794752	0.043870	1.4265%
1949	22.474150	0.044496	1.7790%
1948	22.081314	0.045287	1.8242%
1947	21.685731	0.046113	-2.6320%
1946	22.271937	0.044900	3.1768%
1945	21.586187	0.046326	6.4754%

1944	20.273400	0.049326	-0.3437%
1943	20.343315	0.049156	0.6562%
1942	20.210688	0.049479	0.6633%
1941	20.077514	0.049807	-5.6614%
1940	21.282401	0.046987	8.0381%
1939	19.698977	0.050764	0.8126%
1938	19.540187	0.051177	0.7762%
1937	19.389675	0.051574	0.6029%
1936	19.273480	0.051885	0.5244%
1935	19.172938	0.052157	-3.0364%
1934	19.773329	0.050573	4.6271%
1933	18.898856	0.052913	1.3921%
1932	18.639374	0.053650	-0.2051%
1931	18.677679	0.053540	0.8886%
1930	18.513171	0.054016	1.0126%
1929	18.327589	0.054563	1.1526%
1928	18.118754	0.055191	1.2160%
1927	17.901076	0.055863	1.4086%
1926	17.652427	0.056649	1.7667%
1925	17.345978	0.057650	1.4465%
1924	17.098646	0.058484	1.7700%
1923	16.801268	0.059519	1.6165%
1922	16.533993	0.060481	1.3736%
1921	16.309952	0.061312	2.3393%
1920	15.937133	0.062747	1.3140%
1919	15.730433	0.063571	0.7676%
1918	15.610600	0.064059	0.3870%
1917	15.550421	0.064307	1.3274%
1916	15.346704	0.065161	1.4083%
1915	15.133579	0.066078	1.4458%
1914	14.917896	0.067034	1.9424%
1913	14.633654	0.068336	1.9857%
1912	14.348736	0.069693	1.5634%
1911	14.127860	0.070782	1.8169%
1910	13.875749	0.072068	1.8781%
1909	13.619958	0.073422	2.0082%
1908	13.351821	0.074896	1.9603%
1907	13.095123	0.076364	1.8264%
1906	12.860250	0.077759	1.9357%
1905	12.616045	0.079264	2.0148%
1904	12.366872	0.080861	2.1335%
1903	12.108534	0.082586	1.8151%
1902	11.892664	0.084085	1.8943%
1901	11.671564	0.085678	3.0255%
1900	11.328811	0.088271	0.6278%
1899	11.258128	0.088825	1.7757%
1898	11.061710	0.090402	1.8078%
1897	10.865292	0.092036	1.8396%
1896	10.669025	0.093729	1.8755%
1895	10.472607	0.095487	1.9114%
1894	10.276189	0.097312	1.9486%
1893	10.079771	0.099209	1.9858%
1892	9.883504	0.101179	2.0276%

1891	9.687086	0.103230	2.6465%
1890	9.437326	0.105962	1.5328%
1889	9.294852	0.107586	2.0811%
1888	9.105358	0.109825	2.1599%
1887	8.912854	0.112198	2.2075%
1886	8.720349	0.114674	2.2592%
1885	8.527694	0.117265	2.3095%
1884	8.335190	0.119973	2.3641%
1883	8.142685	0.122810	2.4214%
1882	7.950181	0.125783	2.4815%
1881	7.757676	0.128905	3.7644%
1880	7.476241	0.133757	0.9432%
1879	7.406382	0.135019	2.1464%
1878	7.250753	0.137917	2.1913%
1877	7.095274	0.140939	2.2426%
1876	6.939645	0.144100	2.2941%
1875	6.784016	0.147405	2.3456%
1874	6.628537	0.150863	2.4043%
1873	6.472908	0.154490	2.4635%
1872	6.317279	0.158296	2.5258%
1871	6.161650	0.162294	5.9947%
1870	5.813169	0.172023	-1.0968%
1869	5.877634	0.170136	2.1930%
1868	5.751505	0.173868	2.2394%
1867	5.625527	0.177761	2.2935%
1866	5.499398	0.181838	2.3445%
1865	5.373420	0.186101	2.4037%
1864	5.247291	0.190575	2.4599%
1863	5.121312	0.195262	2.5250%
1862	4.995184	0.200193	2.5872%
1861	4.869205	0.205372	2.9504%
1860	4.729661	0.211432	2.4012%
1859	4.618754	0.216509	2.7627%
1858	4.494582	0.222490	2.8412%
1857	4.370409	0.228812	2.9243%
1856	4.246237	0.235503	3.0161%
1855	4.121915	0.242606	3.1061%
1854	3.997742	0.250141	3.2056%
1853	3.873570	0.258160	3.3118%
1852	3.749398	0.266709	3.4252%
1851	3.625226	0.275845	4.0106%
1850	3.485439	0.286908	2.3254%
1849	3.406231	0.293580	2.7841%
1848	3.313967	0.301753	2.8590%
1847	3.221854	0.310380	2.9432%
1846	3.129741	0.319515	3.0324%
1845	3.037628	0.329204	3.1325%
1844	2.945364	0.339517	3.2284%
1843	2.853251	0.350477	3.3361%
1842	2.761138	0.362170	3.4512%
1841	2.669025	0.374669	3.8105%
1840	2.571055	0.388945	2.3861%
1839	2.511138	0.398226	2.5824%

1838	2.447923	0.408510	2.6573%
1837	2.384557	0.419365	2.7232%
1836	2.321343	0.430785	2.7994%
1835	2.258128	0.442845	2.8871%
1834	2.194762	0.455630	2.9657%
1833	2.131547	0.469143	3.0563%
1832	2.068332	0.483481	3.1604%
1831	2.004967	0.498761	3.4660%
1830	1.937803	0.516048	2.4653%
1829	1.891180	0.528770	2.6804%
1828	1.841812	0.542944	10.3427%
1827	1.669175	0.599098	-4.2314%
1826	1.742926	0.573748	2.9150%
1825	1.693558	0.590473	3.0026%
1824	1.644190	0.608202	3.0955%
1823	1.594822	0.627029	3.1944%
1822	1.545455	0.647059	3.3102%
1821	1.495936	0.668478	3.2277%
1820	1.449161	0.690054	2.6573%
1819	1.411650	0.708391	2.6261%
1818	1.375527	0.726994	2.6969%
1817	1.339404	0.746601	2.7717%
1816	1.303281	0.767294	2.8507%
1815	1.267158	0.789167	2.9343%
1814	1.231036	0.812324	3.0231%
1813	1.194913	0.836881	3.1039%
1812	1.158940	0.862857	3.2172%
1811	1.122818	0.890617	3.0969%
1810	1.089089	0.918198	2.9144%
1809	1.058248	0.944958	2.8225%
1808	1.029199	0.971629	2.9199%
1807	1.000000	1.000000	2.9918%
1806	0.970951	1.029918	3.0841%
1805	0.941902	1.061681	3.1822%
1804	0.912854	1.095466	3.2868%
1803	0.883805	1.131471	3.3985%
1802	0.854756	1.169924	3.5180%
1801	0.825707	1.211083	3.3999%
1800	0.798557	1.252259	2.8419%
1799	0.776490	1.287846	2.7485%
1798	0.755719	1.323242	2.8261%
1797	0.734949	1.360639	3.7832%
1796	0.708158	1.412115	2.1272%
1795	0.693408	1.442153	3.0879%
1794	0.672637	1.486686	3.1625%
1793	0.652017	1.533703	3.2904%
1792	0.631246	1.584168	3.4024%
1791	0.610476	1.638067	3.2296%
1790	0.591377	1.690969	41.3145%
1780	0.418483	2.389584	29.4353%
1770	0.323314	3.092966	83.4728%
1750	0.176219	5.674752	29.2845%
1740	0.136303	7.336572	94.2514%

1720	0.070169	14.251394	85.8111%
1700	0.037763	26.480670	19.2490%
1690	0.031668	31.577947	88.0250%
1670	0.016842	59.374441	

BASE YEAR: 1806

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	46.726143	0.021401	8.2857%
2001	43.150814	0.023175	1.0000%
2000	42.723573	0.023406	1.0000%
1999	42.300568	0.023640	1.0000%
1998	41.881750	0.023877	1.0000%
1997	41.467079	0.024116	1.0000%
1996	41.056514	0.024357	1.0000%
1995	40.650014	0.024600	0.9992%
1994	40.247849	0.024846	1.0008%
1993	39.849048	0.025095	1.0000%
1992	39.454503	0.025346	0.9295%
1991	39.091149	0.025581	1.2505%
1990	38.608345	0.025901	0.7224%
1989	38.331421	0.026088	1.1077%
1988	37.911487	0.026377	0.8834%
1987	37.579523	0.026610	0.5594%
1986	37.370485	0.026759	1.3056%
1985	36.888854	0.027108	0.7673%
1984	36.607968	0.027316	0.8149%
1983	36.312045	0.027539	0.9737%
1982	35.961866	0.027807	0.9508%
1981	35.623159	0.028072	0.9031%
1980	35.304338	0.028325	2.2701%
1979	34.520694	0.028968	1.0042%
1978	34.177492	0.029259	0.9896%
1977	33.842583	0.029549	0.9103%
1976	33.537281	0.029818	0.8394%
1975	33.258100	0.030068	0.9042%
1974	32.960084	0.030340	1.1568%
1973	32.583165	0.030691	0.9427%
1972	32.278871	0.030980	0.7426%
1971	32.040924	0.031210	1.4697%
1970	31.576827	0.031669	0.6968%
1969	31.358317	0.031889	0.8565%
1968	31.092001	0.032163	1.5090%
1967	30.629786	0.032648	0.9949%
1966	30.328050	0.032973	1.0575%
1965	30.010696	0.033321	1.1300%
1964	29.675360	0.033698	1.5537%
1963	29.221361	0.034222	1.4658%
1962	28.799217	0.034723	1.5364%
1961	28.363432	0.035257	2.1586%
1960	27.764105	0.036018	-1.6655%
1959	28.234344	0.035418	4.3080%

1958	27.068245	0.036944	2.1130%
1957	26.508138	0.037724	1.9895%
1956	25.991048	0.038475	2.1231%
1955	25.450705	0.039292	1.4496%
1954	25.087041	0.039861	2.1573%
1953	24.557278	0.040721	1.2298%
1952	24.258952	0.041222	1.6814%
1951	23.857813	0.041915	1.6233%
1950	23.476721	0.042595	1.4265%
1949	23.146528	0.043203	1.7790%
1948	22.741939	0.043972	1.8242%
1947	22.334522	0.044774	-2.6320%
1946	22.938265	0.043595	3.1768%
1945	22.231999	0.044980	6.4754%
1944	20.879936	0.047893	-0.3437%
1943	20.951943	0.047728	0.6562%
1942	20.815348	0.048041	0.6633%
1941	20.678189	0.048360	-5.6614%
1940	21.919125	0.045622	8.0381%
1939	20.288327	0.049289	0.8126%
1938	20.124787	0.049690	0.7762%
1937	19.969772	0.050076	0.6029%
1936	19.850101	0.050378	0.5244%
1935	19.746551	0.050642	-3.0364%
1934	20.364905	0.049104	4.6271%
1933	19.464269	0.051376	1.3921%
1932	19.197024	0.052091	-0.2051%
1931	19.236475	0.051985	0.8886%
1930	19.067046	0.052447	1.0126%
1929	18.875911	0.052978	1.1526%
1928	18.660828	0.053588	1.2160%
1927	18.436638	0.054240	1.4086%
1926	18.180550	0.055004	1.7667%
1925	17.864933	0.055976	1.4465%
1924	17.610200	0.056785	1.7700%
1923	17.303926	0.057790	1.6165%
1922	17.028654	0.058725	1.3736%
1921	16.797911	0.059531	2.3393%
1920	16.413937	0.060924	1.3140%
1919	16.201054	0.061724	0.7676%
1918	16.077635	0.062198	0.3870%
1917	16.015656	0.062439	1.3274%
1916	15.805844	0.063268	1.4083%
1915	15.586343	0.064159	1.4458%
1914	15.364207	0.065086	1.9424%
1913	15.071462	0.066351	1.9857%
1912	14.778019	0.067668	1.5634%
1911	14.550535	0.068726	1.8169%
1910	14.290881	0.069975	1.8781%
1909	14.027438	0.071289	2.0082%
1908	13.751279	0.072721	1.9603%
1907	13.486901	0.074146	1.8264%
1906	13.245001	0.075500	1.9357%

1905	12.993489	0.076962	2.0148%
1904	12.736863	0.078512	2.1335%
1903	12.470795	0.080187	1.8151%
1902	12.248467	0.081643	1.8943%
1901	12.020752	0.083189	3.0255%
1900	11.667744	0.085706	0.6278%
1899	11.594947	0.086244	1.7757%
1898	11.392652	0.087776	1.8078%
1897	11.190358	0.089363	1.8396%
1896	10.988219	0.091007	1.8755%
1895	10.785925	0.092713	1.9114%
1894	10.583630	0.094486	1.9486%
1893	10.381336	0.096327	1.9858%
1892	10.179197	0.098240	2.0276%
1891	9.976903	0.100232	2.6465%
1890	9.719670	0.102884	1.5328%
1889	9.572934	0.104461	2.0811%
1888	9.377771	0.106635	2.1599%
1887	9.179507	0.108938	2.2075%
1886	8.981243	0.111343	2.2592%
1885	8.782824	0.113859	2.3095%
1884	8.584561	0.116488	2.3641%
1883	8.386297	0.119242	2.4214%
1882	8.188033	0.122129	2.4815%
1881	7.989769	0.125160	3.7644%
1880	7.699914	0.129872	0.9432%
1879	7.627965	0.131097	2.1464%
1878	7.467679	0.133910	2.1913%
1877	7.307549	0.136845	2.2426%
1876	7.147264	0.139914	2.2941%
1875	6.986979	0.143123	2.3456%
1874	6.826849	0.146480	2.4043%
1873	6.666563	0.150002	2.4635%
1872	6.506278	0.153698	2.5258%
1871	6.345993	0.157580	5.9947%
1870	5.987086	0.167026	-1.0968%
1869	6.053480	0.165194	2.1930%
1868	5.923578	0.168817	2.2394%
1867	5.793830	0.172597	2.2935%
1866	5.663928	0.176556	2.3445%
1865	5.534181	0.180695	2.4037%
1864	5.404278	0.185039	2.4599%
1863	5.274531	0.189590	2.5250%
1862	5.144629	0.194377	2.5872%
1861	5.014881	0.199407	2.9504%
1860	4.871162	0.205290	2.4012%
1859	4.756937	0.210219	2.7627%
1858	4.629050	0.216027	2.8412%
1857	4.501163	0.222165	2.9243%
1856	4.373275	0.228662	3.0161%
1855	4.245233	0.235558	3.1061%
1854	4.117346	0.242875	3.2056%
1853	3.989459	0.250661	3.3118%

1852	3.861572	0.258962	3.4252%
1851	3.733685	0.267832	4.0106%
1850	3.589715	0.278574	2.3254%
1849	3.508138	0.285051	2.7841%
1848	3.413114	0.292988	2.8590%
1847	3.318245	0.301364	2.9432%
1846	3.223376	0.310234	3.0324%
1845	3.128507	0.319641	3.1325%
1844	3.033483	0.329654	3.2284%
1843	2.938614	0.340296	3.3361%
1842	2.843745	0.351649	3.4512%
1841	2.748876	0.363785	3.8105%
1840	2.647975	0.377647	2.3861%
1839	2.586266	0.386658	2.5824%
1838	2.521160	0.396643	2.6573%
1837	2.455898	0.407183	2.7232%
1836	2.390792	0.418271	2.7994%
1835	2.325686	0.429981	2.8871%
1834	2.260425	0.442395	2.9657%
1833	2.195319	0.455515	3.0563%
1832	2.130212	0.469437	3.1604%
1831	2.064951	0.484273	3.4660%
1830	1.995778	0.501058	2.4653%
1829	1.947760	0.513410	2.6804%
1828	1.896915	0.527172	10.3427%
1827	1.719113	0.581695	-4.2314%
1826	1.795071	0.557081	2.9150%
1825	1.744226	0.573320	3.0026%
1824	1.693381	0.590535	3.0955%
1823	1.642536	0.608815	3.1944%
1822	1.591691	0.628263	3.3102%
1821	1.540691	0.649059	3.2277%
1820	1.492517	0.670009	2.6573%
1819	1.453883	0.687813	2.6261%
1818	1.416680	0.705876	2.6969%
1817	1.379476	0.724913	2.7717%
1816	1.342273	0.745005	2.8507%
1815	1.305069	0.766243	2.9343%
1814	1.267865	0.788727	3.0231%
1813	1.230662	0.812571	3.1039%
1812	1.193613	0.837792	3.2172%
1811	1.156410	0.864745	3.0969%
1810	1.121673	0.891526	2.9144%
1809	1.089909	0.917508	2.8225%
1808	1.059991	0.943405	2.9199%
1807	1.029918	0.970951	2.9918%
1806	1.000000	1.000000	3.0841%
1805	0.970082	1.030841	3.1822%
1804	0.940164	1.063644	3.2868%
1803	0.910246	1.098604	3.3985%
1802	0.880329	1.135939	3.5180%
1801	0.850411	1.175902	3.3999%
1800	0.822448	1.215882	2.8419%

1799	0.799721	1.250436	2.7485%
1798	0.778329	1.284804	2.8261%
1797	0.756937	1.321114	3.7832%
1796	0.729344	1.371095	2.1272%
1795	0.714153	1.400260	3.0879%
1794	0.692761	1.443500	3.1625%
1793	0.671524	1.489151	3.2904%
1792	0.650132	1.538150	3.4024%
1791	0.628740	1.590483	3.2296%
1790	0.609069	1.641849	41.3145%
1780	0.431003	2.320170	29.4353%
1770	0.332987	3.003119	83.4728%
1750	0.181491	5.509908	29.2845%
1740	0.140381	7.123454	94.2514%
1720	0.072268	13.837409	85.8111%
1700	0.038893	25.711439	19.2490%
1690	0.032615	30.660646	88.0250%
1670	0.017346	57.649687	

BASE YEAR: 1805

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	48.167202	0.020761	8.2857%
2001	44.481607	0.022481	1.0000%
2000	44.041191	0.022706	1.0000%
1999	43.605139	0.022933	1.0000%
1998	43.173405	0.023162	1.0000%
1997	42.745946	0.023394	1.0000%
1996	42.322719	0.023628	1.0000%
1995	41.903682	0.023864	0.9992%
1994	41.489113	0.024103	1.0008%
1993	41.078014	0.024344	1.0000%
1992	40.671301	0.024587	0.9295%
1991	40.296740	0.024816	1.2505%
1990	39.799047	0.025126	0.7224%
1989	39.513583	0.025308	1.1077%
1988	39.080697	0.025588	0.8834%
1987	38.738495	0.025814	0.5594%
1986	38.523011	0.025959	1.3056%
1985	38.026526	0.026297	0.7673%
1984	37.736977	0.026499	0.8149%
1983	37.431927	0.026715	0.9737%
1982	37.070949	0.026975	0.9508%
1981	36.721796	0.027232	0.9031%
1980	36.393142	0.027478	2.2701%
1979	35.585331	0.028101	1.0042%
1978	35.231544	0.028384	0.9896%
1977	34.886306	0.028665	0.9103%
1976	34.571588	0.028925	0.8394%
1975	34.283797	0.029168	0.9042%
1974	33.976590	0.029432	1.1568%
1973	33.588047	0.029772	0.9427%

1972	33.274369	0.030053	0.7426%
1971	33.029083	0.030276	1.4697%
1970	32.550673	0.030721	0.6968%
1969	32.325423	0.030935	0.8565%
1968	32.050895	0.031200	1.5090%
1967	31.574425	0.031671	0.9949%
1966	31.263383	0.031986	1.0575%
1965	30.936242	0.032325	1.1300%
1964	30.590564	0.032690	1.5537%
1963	30.122563	0.033198	1.4658%
1962	29.687400	0.033684	1.5364%
1961	29.238175	0.034202	2.1586%
1960	28.620365	0.034940	-1.6655%
1959	29.105105	0.034358	4.3080%
1958	27.903044	0.035838	2.1130%
1957	27.325663	0.036596	1.9895%
1956	26.792625	0.037324	2.1231%
1955	26.235618	0.038116	1.4496%
1954	25.860738	0.038669	2.1573%
1953	25.314637	0.039503	1.2298%
1952	25.007111	0.039989	1.6814%
1951	24.593600	0.040661	1.6233%
1950	24.200756	0.041321	1.4265%
1949	23.860379	0.041910	1.7790%
1948	23.443313	0.042656	1.8242%
1947	23.023330	0.043434	-2.6320%
1946	23.645694	0.042291	3.1768%
1945	22.917645	0.043635	6.4754%
1944	21.523884	0.046460	-0.3437%
1943	21.598112	0.046300	0.6562%
1942	21.457304	0.046604	0.6633%
1941	21.315916	0.046913	-5.6614%
1940	22.595122	0.044257	8.0381%
1939	20.914030	0.047815	0.8126%
1938	20.745446	0.048203	0.7762%
1937	20.585650	0.048578	0.6029%
1936	20.462288	0.048870	0.5244%
1935	20.355545	0.049127	-3.0364%
1934	20.992969	0.047635	4.6271%
1933	20.064557	0.049839	1.3921%
1932	19.789070	0.050533	-0.2051%
1931	19.829738	0.050429	0.8886%
1930	19.655083	0.050877	1.0126%
1929	19.458054	0.051393	1.1526%
1928	19.236337	0.051985	1.2160%
1927	19.005233	0.052617	1.4086%
1926	18.741248	0.053358	1.7667%
1925	18.415896	0.054301	1.4465%
1924	18.153308	0.055086	1.7700%
1923	17.837588	0.056061	1.6165%
1922	17.553827	0.056968	1.3736%
1921	17.315967	0.057750	2.3393%
1920	16.920152	0.059101	1.3140%

1919	16.700703	0.059878	0.7676%
1918	16.573478	0.060337	0.3870%
1917	16.509588	0.060571	1.3274%
1916	16.293305	0.061375	1.4083%
1915	16.067034	0.062239	1.4458%
1914	15.838047	0.063139	1.9424%
1913	15.536274	0.064365	1.9857%
1912	15.233781	0.065644	1.5634%
1911	14.999281	0.066670	1.8169%
1910	14.731620	0.067881	1.8781%
1909	14.460051	0.069156	2.0082%
1908	14.175376	0.070545	1.9603%
1907	13.902844	0.071928	1.8264%
1906	13.653484	0.073241	1.9357%
1905	13.394215	0.074659	2.0148%
1904	13.129674	0.076163	2.1335%
1903	12.855401	0.077788	1.8151%
1902	12.626216	0.079200	1.8943%
1901	12.391478	0.080701	3.0255%
1900	12.027584	0.083142	0.6278%
1899	11.952541	0.083664	1.7757%
1898	11.744008	0.085150	1.8078%
1897	11.535475	0.086689	1.8396%
1896	11.327101	0.088284	1.8755%
1895	11.118568	0.089940	1.9114%
1894	10.910035	0.091659	1.9486%
1893	10.701502	0.093445	1.9858%
1892	10.493129	0.095300	2.0276%
1891	10.284596	0.097233	2.6465%
1890	10.019430	0.099806	1.5328%
1889	9.868169	0.101336	2.0811%
1888	9.666986	0.103445	2.1599%
1887	9.462608	0.105679	2.2075%
1886	9.258229	0.108012	2.2592%
1885	9.053691	0.110452	2.3095%
1884	8.849313	0.113003	2.3641%
1883	8.644934	0.115675	2.4214%
1882	8.440556	0.118476	2.4815%
1881	8.236178	0.121416	3.7644%
1880	7.937383	0.125986	0.9432%
1879	7.863215	0.127174	2.1464%
1878	7.697987	0.129904	2.1913%
1877	7.532918	0.132751	2.2426%
1876	7.367689	0.135728	2.2941%
1875	7.202461	0.138841	2.3456%
1874	7.037392	0.142098	2.4043%
1873	6.872164	0.145515	2.4635%
1872	6.706935	0.149099	2.5258%
1871	6.541707	0.152865	5.9947%
1870	6.171731	0.162029	-1.0968%
1869	6.240173	0.160252	2.1930%
1868	6.106264	0.163766	2.2394%
1867	5.972515	0.167434	2.2935%

1866	5.838607	0.171274	2.3445%
1865	5.704858	0.175289	2.4037%
1864	5.570949	0.179503	2.4599%
1863	5.437200	0.183918	2.5250%
1862	5.303292	0.188562	2.5872%
1861	5.169543	0.193441	2.9504%
1860	5.021391	0.199148	2.4012%
1859	4.903643	0.203930	2.7627%
1858	4.771812	0.209564	2.8412%
1857	4.639981	0.215518	2.9243%
1856	4.508150	0.221821	3.0161%
1855	4.376159	0.228511	3.1061%
1854	4.244327	0.235609	3.2056%
1853	4.112496	0.243161	3.3118%
1852	3.980665	0.251214	3.4252%
1851	3.848833	0.259819	4.0106%
1850	3.700424	0.270239	2.3254%
1849	3.616331	0.276523	2.7841%
1848	3.518376	0.284222	2.8590%
1847	3.420582	0.292348	2.9432%
1846	3.322787	0.300952	3.0324%
1845	3.224992	0.310078	3.1325%
1844	3.127037	0.319792	3.2284%
1843	3.029243	0.330116	3.3361%
1842	2.931448	0.341128	3.4512%
1841	2.833653	0.352901	3.8105%
1840	2.729640	0.366349	2.3861%
1839	2.666027	0.375090	2.5824%
1838	2.598913	0.384776	2.6573%
1837	2.531640	0.395001	2.7232%
1836	2.464525	0.405758	2.7994%
1835	2.397411	0.417117	2.8871%
1834	2.330137	0.429159	2.9657%
1833	2.263023	0.441887	3.0563%
1832	2.195909	0.455392	3.1604%
1831	2.128635	0.469785	3.4660%
1830	2.057329	0.486067	2.4653%
1829	2.007830	0.498050	2.6804%
1828	1.955417	0.511400	10.3427%
1827	1.772132	0.564292	-4.2314%
1826	1.850431	0.540415	2.9150%
1825	1.798019	0.556168	3.0026%
1824	1.745606	0.572867	3.0955%
1823	1.693193	0.590600	3.1944%
1822	1.640780	0.609466	3.3102%
1821	1.588207	0.629641	3.2277%
1820	1.538547	0.649964	2.6573%
1819	1.498722	0.667235	2.6261%
1818	1.460371	0.684758	2.6969%
1817	1.422020	0.703225	2.7717%
1816	1.383669	0.722716	2.8507%
1815	1.345318	0.743319	2.9343%
1814	1.306967	0.765130	3.0231%

1813	1.268616	0.788260	3.1039%
1812	1.230425	0.812727	3.2172%
1811	1.192074	0.838874	3.0969%
1810	1.156266	0.864853	2.9144%
1809	1.123522	0.890058	2.8225%
1808	1.092681	0.915180	2.9199%
1807	1.061681	0.941902	2.9918%
1806	1.030841	0.970082	3.0841%
1805	1.000000	1.000000	3.1822%
1804	0.969159	1.031822	3.2868%
1803	0.938319	1.065736	3.3985%
1802	0.907478	1.101955	3.5180%
1801	0.876638	1.140722	3.3999%
1800	0.847813	1.179506	2.8419%
1799	0.824385	1.213026	2.7485%
1798	0.802333	1.246365	2.8261%
1797	0.780281	1.281589	3.7832%
1796	0.751838	1.330074	2.1272%
1795	0.736178	1.358368	3.0879%
1794	0.714126	1.400313	3.1625%
1793	0.692234	1.444598	3.2904%
1792	0.670182	1.492132	3.4024%
1791	0.648130	1.542899	3.2296%
1790	0.627853	1.592728	41.3145%
1780	0.444295	2.250755	29.4353%
1770	0.343257	2.913272	83.4728%
1750	0.187089	5.345063	29.2845%
1740	0.144711	6.910336	94.2514%
1720	0.074497	13.423423	85.8111%
1700	0.040093	24.942208	19.2490%
1690	0.033621	29.743346	88.0250%
1670	0.017881	55.924933	

BASE YEAR: 1804

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	49.699975	0.020121	8.2857%
2001	45.897098	0.021788	1.0000%
2000	45.442666	0.022006	1.0000%
1999	44.992739	0.022226	1.0000%
1998	44.547266	0.022448	1.0000%
1997	44.106204	0.022673	1.0000%
1996	43.669509	0.022899	1.0000%
1995	43.237138	0.023128	0.9992%
1994	42.809377	0.023359	1.0008%
1993	42.385195	0.023593	1.0000%
1992	41.965540	0.023829	0.9295%
1991	41.579060	0.024051	1.2505%
1990	41.065529	0.024351	0.7224%
1989	40.770981	0.024527	1.1077%
1988	40.324320	0.024799	0.8834%
1987	39.971228	0.025018	0.5594%

1986	39.748887	0.025158	1.3056%
1985	39.236603	0.025486	0.7673%
1984	38.937840	0.025682	0.8149%
1983	38.623083	0.025891	0.9737%
1982	38.250618	0.026143	0.9508%
1981	37.890354	0.026392	0.9031%
1980	37.551242	0.026630	2.2701%
1979	36.717725	0.027235	1.0042%
1978	36.352679	0.027508	0.9896%
1977	35.996455	0.027781	0.9103%
1976	35.671723	0.028033	0.8394%
1975	35.374773	0.028269	0.9042%
1974	35.057791	0.028524	1.1568%
1973	34.656884	0.028854	0.9427%
1972	34.333223	0.029126	0.7426%
1971	34.080132	0.029343	1.4697%
1970	33.586499	0.029774	0.6968%
1969	33.354081	0.029981	0.8565%
1968	33.070816	0.030238	1.5090%
1967	32.579184	0.030694	0.9949%
1966	32.258244	0.031000	1.0575%
1965	31.920692	0.031328	1.1300%
1964	31.564015	0.031682	1.5537%
1963	31.081121	0.032174	1.4658%
1962	30.632110	0.032645	1.5364%
1961	30.168590	0.033147	2.1586%
1960	29.531120	0.033863	-1.6655%
1959	30.031286	0.033299	4.3080%
1958	28.790973	0.034733	2.1130%
1957	28.195218	0.035467	1.9895%
1956	27.645218	0.036173	2.1231%
1955	27.070486	0.036941	1.4496%
1954	26.683677	0.037476	2.1573%
1953	26.120198	0.038285	1.2298%
1952	25.802885	0.038755	1.6814%
1951	25.376216	0.039407	1.6233%
1950	24.970871	0.040047	1.4265%
1949	24.619662	0.040618	1.7790%
1948	24.189324	0.041341	1.8242%
1947	23.755977	0.042095	-2.6320%
1946	24.398145	0.040987	3.1768%
1945	23.646929	0.042289	6.4754%
1944	22.208816	0.045027	-0.3437%
1943	22.285405	0.044872	0.6562%
1942	22.140117	0.045167	0.6633%
1941	21.994229	0.045466	-5.6614%
1940	23.314142	0.042892	8.0381%
1939	21.579555	0.046340	0.8126%
1938	21.405606	0.046717	0.7762%
1937	21.240725	0.047079	0.6029%
1936	21.113438	0.047363	0.5244%
1935	21.003298	0.047612	-3.0364%
1934	21.661006	0.046166	4.6271%

1933	20.703050	0.048302	1.3921%
1932	20.418796	0.048974	-0.2051%
1931	20.460758	0.048874	0.8886%
1930	20.280546	0.049308	1.0126%
1929	20.077246	0.049808	1.1526%
1928	19.848475	0.050382	1.2160%
1927	19.610016	0.050994	1.4086%
1926	19.337630	0.051713	1.7667%
1925	19.001926	0.052626	1.4465%
1924	18.730981	0.053387	1.7700%
1923	18.405214	0.054332	1.6165%
1922	18.112423	0.055211	1.3736%
1921	17.866994	0.055969	2.3393%
1920	17.458584	0.057278	1.3140%
1919	17.232152	0.058031	0.7676%
1918	17.100878	0.058477	0.3870%
1917	17.034955	0.058703	1.3274%
1916	16.811789	0.059482	1.4083%
1915	16.578318	0.060320	1.4458%
1914	16.342045	0.061192	1.9424%
1913	16.030668	0.062380	1.9857%
1912	15.718549	0.063619	1.5634%
1911	15.476587	0.064614	1.8169%
1910	15.200408	0.065788	1.8781%
1909	14.920198	0.067023	2.0082%
1908	14.626463	0.068369	1.9603%
1907	14.345260	0.069709	1.8264%
1906	14.087964	0.070983	1.9357%
1905	13.820445	0.072357	2.0148%
1904	13.547486	0.073814	2.1335%
1903	13.264484	0.075389	1.8151%
1902	13.028006	0.076758	1.8943%
1901	12.785799	0.078212	3.0255%
1900	12.410324	0.080578	0.6278%
1899	12.332894	0.081084	1.7757%
1898	12.117725	0.082524	1.8078%
1897	11.902556	0.084016	1.8396%
1896	11.687552	0.085561	1.8755%
1895	11.472383	0.087166	1.9114%
1894	11.257214	0.088832	1.9486%
1893	11.042045	0.090563	1.9858%
1892	10.827040	0.092361	2.0276%
1891	10.611871	0.094234	2.6465%
1890	10.338267	0.096728	1.5328%
1889	10.182193	0.098211	2.0811%
1888	9.974608	0.100255	2.1599%
1887	9.763726	0.102420	2.2075%
1886	9.552844	0.104681	2.2592%
1885	9.341797	0.107046	2.3095%
1884	9.130915	0.109518	2.3641%
1883	8.920033	0.112107	2.4214%
1882	8.709151	0.114822	2.4815%
1881	8.498269	0.117671	3.7644%

1880	8.189966	0.122101	0.9432%
1879	8.113438	0.123252	2.1464%
1878	7.942951	0.125898	2.1913%
1877	7.772630	0.128657	2.2426%
1876	7.602143	0.131542	2.2941%
1875	7.431657	0.134559	2.3456%
1874	7.261336	0.137716	2.4043%
1873	7.090849	0.141027	2.4635%
1872	6.920363	0.144501	2.5258%
1871	6.749876	0.148151	5.9947%
1870	6.368128	0.157032	-1.0968%
1869	6.438747	0.155310	2.1930%
1868	6.300577	0.158716	2.2394%
1867	6.162572	0.162270	2.2935%
1866	6.024402	0.165992	2.3445%
1865	5.886397	0.169883	2.4037%
1864	5.748228	0.173967	2.4599%
1863	5.610223	0.178246	2.5250%
1862	5.472053	0.182747	2.5872%
1861	5.334048	0.187475	2.9504%
1860	5.181182	0.193006	2.4012%
1859	5.059687	0.197641	2.7627%
1858	4.923660	0.203101	2.8412%
1857	4.787634	0.208871	2.9243%
1856	4.651608	0.214979	3.0161%
1855	4.515416	0.221464	3.1061%
1854	4.379390	0.228342	3.2056%
1853	4.243364	0.235662	3.3118%
1852	4.107337	0.243467	3.4252%
1851	3.971311	0.251806	4.0106%
1850	3.818179	0.261905	2.3254%
1849	3.731410	0.267995	2.7841%
1848	3.630338	0.275456	2.8590%
1847	3.529431	0.283332	2.9432%
1846	3.428524	0.291671	3.0324%
1845	3.327617	0.300515	3.1325%
1844	3.226546	0.309929	3.2284%
1843	3.125639	0.319935	3.3361%
1842	3.024732	0.330608	3.4512%
1841	2.923825	0.342018	3.8105%
1840	2.816503	0.355050	2.3861%
1839	2.750866	0.363522	2.5824%
1838	2.681616	0.372909	2.6573%
1837	2.612201	0.382819	2.7232%
1836	2.542951	0.393244	2.7994%
1835	2.473702	0.404252	2.8871%
1834	2.404287	0.415924	2.9657%
1833	2.335037	0.428259	3.0563%
1832	2.265787	0.441348	3.1604%
1831	2.196373	0.455296	3.4660%
1830	2.122797	0.471077	2.4653%
1829	2.071723	0.482690	2.6804%
1828	2.017642	0.495628	10.3427%

1827	1.828524	0.546889	-4.2314%
1826	1.909316	0.523748	2.9150%
1825	1.855235	0.539015	3.0026%
1824	1.801154	0.555200	3.0955%
1823	1.747073	0.572386	3.1944%
1822	1.692993	0.590670	3.3102%
1821	1.638747	0.610222	3.2277%
1820	1.587506	0.629919	2.6573%
1819	1.546414	0.646657	2.6261%
1818	1.506843	0.663639	2.6969%
1817	1.467271	0.681537	2.7717%
1816	1.427700	0.700427	2.8507%
1815	1.388129	0.720394	2.9343%
1814	1.348557	0.741533	3.0231%
1813	1.308986	0.763950	3.1039%
1812	1.269580	0.787662	3.2172%
1811	1.230008	0.813003	3.0969%
1810	1.193060	0.838181	2.9144%
1809	1.159275	0.862608	2.8225%
1808	1.127453	0.886955	2.9199%
1807	1.095466	0.912854	2.9918%
1806	1.063644	0.940164	3.0841%
1805	1.031822	0.969159	3.1822%
1804	1.000000	1.000000	3.2868%
1803	0.968178	1.032868	3.3985%
1802	0.936356	1.067970	3.5180%
1801	0.904534	1.105541	3.3999%
1800	0.874792	1.143129	2.8419%
1799	0.850618	1.175615	2.7485%
1798	0.827865	1.207927	2.8261%
1797	0.805111	1.242064	3.7832%
1796	0.775763	1.289054	2.1272%
1795	0.759604	1.316475	3.0879%
1794	0.736851	1.357127	3.1625%
1793	0.714262	1.400046	3.2904%
1792	0.691509	1.446113	3.4024%
1791	0.668755	1.495316	3.2296%
1790	0.647833	1.543608	41.3145%
1780	0.458434	2.181341	29.4353%
1770	0.354180	2.823425	83.4728%
1750	0.193042	5.180219	29.2845%
1740	0.149316	6.697217	94.2514%
1720	0.076867	13.009438	85.8111%
1700	0.041369	24.172977	19.2490%
1690	0.034691	28.826046	88.0250%
1670	0.018450	54.200179	

BASE YEAR: 1803

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	51.333506	0.019480	8.2857%
2001	47.405637	0.021095	1.0000%

2000	46.936269	0.021305	1.0000%
1999	46.471553	0.021519	1.0000%
1998	46.011439	0.021734	1.0000%
1997	45.555880	0.021951	1.0000%
1996	45.104832	0.022171	1.0000%
1995	44.658249	0.022392	0.9992%
1994	44.216429	0.022616	1.0008%
1993	43.778306	0.022842	1.0000%
1992	43.344857	0.023071	0.9295%
1991	42.945674	0.023285	1.2505%
1990	42.415265	0.023576	0.7224%
1989	42.111035	0.023747	1.1077%
1988	41.649693	0.024010	0.8834%
1987	41.284997	0.024222	0.5594%
1986	41.055347	0.024357	1.3056%
1985	40.526226	0.024675	0.7673%
1984	40.217643	0.024865	0.8149%
1983	39.892541	0.025067	0.9737%
1982	39.507834	0.025311	0.9508%
1981	39.135729	0.025552	0.9031%
1980	38.785471	0.025783	2.2701%
1979	37.924557	0.026368	1.0042%
1978	37.547514	0.026633	0.9896%
1977	37.179581	0.026896	0.9103%
1976	36.844176	0.027141	0.8394%
1975	36.537466	0.027369	0.9042%
1974	36.210065	0.027617	1.1568%
1973	35.795981	0.027936	0.9427%
1972	35.461683	0.028199	0.7426%
1971	35.200272	0.028409	1.4697%
1970	34.690415	0.028826	0.6968%
1969	34.450358	0.029027	0.8565%
1968	34.157783	0.029276	1.5090%
1967	33.649991	0.029718	0.9949%
1966	33.318503	0.030013	1.0575%
1965	32.969857	0.030331	1.1300%
1964	32.601456	0.030673	1.5537%
1963	32.102691	0.031150	1.4658%
1962	31.638922	0.031607	1.5364%
1961	31.160167	0.032092	2.1586%
1960	30.501744	0.032785	-1.6655%
1959	31.018350	0.032239	4.3080%
1958	29.737270	0.033628	2.1130%
1957	29.121935	0.034338	1.9895%
1956	28.553857	0.035022	2.1231%
1955	27.960235	0.035765	1.4496%
1954	27.560712	0.036284	2.1573%
1953	26.978713	0.037066	1.2298%
1952	26.650971	0.037522	1.6814%
1951	26.210278	0.038153	1.6233%
1950	25.791609	0.038772	1.4265%
1949	25.428857	0.039325	1.7790%
1948	24.984375	0.040025	1.8242%

1947	24.536785	0.040755	-2.6320%
1946	25.200060	0.039682	3.1768%
1945	24.424153	0.040943	6.4754%
1944	22.938772	0.043594	-0.3437%
1943	23.017879	0.043444	0.6562%
1942	22.867815	0.043730	0.6633%
1941	22.717132	0.044020	-5.6614%
1940	24.080428	0.041528	8.0381%
1939	22.288828	0.044866	0.8126%
1938	22.109162	0.045230	0.7762%
1937	21.938862	0.045581	0.6029%
1936	21.807391	0.045856	0.5244%
1935	21.693631	0.046096	-3.0364%
1934	22.372956	0.044697	4.6271%
1933	21.383515	0.046765	1.3921%
1932	21.089918	0.047416	-0.2051%
1931	21.133260	0.047319	0.8886%
1930	20.947124	0.047739	1.0126%
1929	20.737142	0.048223	1.1526%
1928	20.500851	0.048778	1.2160%
1927	20.254556	0.049372	1.4086%
1926	19.973216	0.050067	1.7667%
1925	19.626478	0.050952	1.4465%
1924	19.346628	0.051689	1.7700%
1923	19.010154	0.052603	1.6165%
1922	18.707740	0.053454	1.3736%
1921	18.454244	0.054188	2.3393%
1920	18.032410	0.055456	1.3140%
1919	17.798535	0.056184	0.7676%
1918	17.662947	0.056616	0.3870%
1917	17.594857	0.056835	1.3274%
1916	17.364356	0.057589	1.4083%
1915	17.123212	0.058400	1.4458%
1914	16.879172	0.059245	1.9424%
1913	16.557561	0.060395	1.9857%
1912	16.235184	0.061595	1.5634%
1911	15.985269	0.062558	1.8169%
1910	15.700013	0.063694	1.8781%
1909	15.410593	0.064890	2.0082%
1908	15.107204	0.066194	1.9603%
1907	14.816757	0.067491	1.8264%
1906	14.551005	0.068724	1.9357%
1905	14.274693	0.070054	2.0148%
1904	13.992762	0.071466	2.1335%
1903	13.700459	0.072990	1.8151%
1902	13.456209	0.074315	1.8943%
1901	13.206041	0.075723	3.0255%
1900	12.818225	0.078014	0.6278%
1899	12.738249	0.078504	1.7757%
1898	12.516008	0.079898	1.8078%
1897	12.293767	0.081342	1.8396%
1896	12.071696	0.082838	1.8755%
1895	11.849455	0.084392	1.9114%

1894	11.627214	0.086005	1.9486%
1893	11.404973	0.087681	1.9858%
1892	11.182902	0.089422	2.0276%
1891	10.960661	0.091235	2.6465%
1890	10.678064	0.093650	1.5328%
1889	10.516860	0.095085	2.0811%
1888	10.302452	0.097064	2.1599%
1887	10.084639	0.099161	2.2075%
1886	9.866826	0.101350	2.2592%
1885	9.648842	0.103639	2.3095%
1884	9.431029	0.106033	2.3641%
1883	9.213215	0.108540	2.4214%
1882	8.995402	0.111168	2.4815%
1881	8.777589	0.113927	3.7644%
1880	8.459153	0.118215	0.9432%
1879	8.380109	0.119330	2.1464%
1878	8.204019	0.121891	2.1913%
1877	8.028099	0.124562	2.2426%
1876	7.852010	0.127356	2.2941%
1875	7.675920	0.130278	2.3456%
1874	7.500000	0.133333	2.4043%
1873	7.323910	0.136539	2.4635%
1872	7.147820	0.139903	2.5258%
1871	6.971730	0.143436	5.9947%
1870	6.577434	0.152035	-1.0968%
1869	6.650375	0.150367	2.1930%
1868	6.507663	0.153665	2.2394%
1867	6.365123	0.157106	2.2935%
1866	6.222411	0.160709	2.3445%
1865	6.079871	0.164477	2.4037%
1864	5.937159	0.168431	2.4599%
1863	5.794619	0.172574	2.5250%
1862	5.651907	0.176931	2.5872%
1861	5.509366	0.181509	2.9504%
1860	5.351476	0.186864	2.4012%
1859	5.225988	0.191351	2.7627%
1858	5.085490	0.196638	2.8412%
1857	4.944993	0.202225	2.9243%
1856	4.804496	0.208138	3.0161%
1855	4.663828	0.214416	3.1061%
1854	4.523331	0.221076	3.2056%
1853	4.382834	0.228163	3.3118%
1852	4.242337	0.235719	3.4252%
1851	4.101839	0.243793	4.0106%
1850	3.943674	0.253571	2.3254%
1849	3.854053	0.259467	2.7841%
1848	3.749659	0.266691	2.8590%
1847	3.645436	0.274316	2.9432%
1846	3.541213	0.282389	3.0324%
1845	3.436989	0.290952	3.1325%
1844	3.332595	0.300066	3.2284%
1843	3.228372	0.309754	3.3361%
1842	3.124149	0.320087	3.4512%

1841	3.019925	0.331134	3.8105%
1840	2.909075	0.343752	2.3861%
1839	2.841281	0.351954	2.5824%
1838	2.769755	0.361043	2.6573%
1837	2.698059	0.370637	2.7232%
1836	2.626533	0.380730	2.7994%
1835	2.555007	0.391388	2.8871%
1834	2.483311	0.402688	2.9657%
1833	2.411785	0.414631	3.0563%
1832	2.340259	0.427303	3.1604%
1831	2.268563	0.440808	3.4660%
1830	2.192569	0.456086	2.4653%
1829	2.139816	0.467330	2.6804%
1828	2.083958	0.479856	10.3427%
1827	1.888624	0.529486	-4.2314%
1826	1.972071	0.507081	2.9150%
1825	1.916213	0.521863	3.0026%
1824	1.860354	0.537532	3.0955%
1823	1.804496	0.554171	3.1944%
1822	1.748638	0.571874	3.3102%
1821	1.692609	0.590804	3.2277%
1820	1.639684	0.609874	2.6573%
1819	1.597241	0.626080	2.6261%
1818	1.556369	0.642521	2.6969%
1817	1.515497	0.659849	2.7717%
1816	1.474625	0.678138	2.8507%
1815	1.433753	0.697470	2.9343%
1814	1.392881	0.717936	3.0231%
1813	1.352010	0.739640	3.1039%
1812	1.311308	0.762597	3.2172%
1811	1.270436	0.787131	3.0969%
1810	1.232274	0.811508	2.9144%
1809	1.197377	0.835159	2.8225%
1808	1.164510	0.858731	2.9199%
1807	1.131471	0.883805	2.9918%
1806	1.098604	0.910246	3.0841%
1805	1.065736	0.938319	3.1822%
1804	1.032868	0.968178	3.2868%
1803	1.000000	1.000000	3.3985%
1802	0.967132	1.033985	3.5180%
1801	0.934264	1.070361	3.3999%
1800	0.903544	1.106753	2.8419%
1799	0.878576	1.138205	2.7485%
1798	0.855075	1.169488	2.8261%
1797	0.831574	1.202539	3.7832%
1796	0.801260	1.248034	2.1272%
1795	0.784571	1.274582	3.0879%
1794	0.761069	1.313940	3.1625%
1793	0.737738	1.355494	3.2904%
1792	0.714237	1.400095	3.4024%
1791	0.690736	1.447732	3.2296%
1790	0.669126	1.494487	41.3145%
1780	0.473501	2.111926	29.4353%

1770	0.365821	2.733579	83.4728%
1750	0.199387	5.015374	29.2845%
1740	0.154223	6.484099	94.2514%
1720	0.079394	12.595453	85.8111%
1700	0.042728	23.403747	19.2490%
1690	0.035831	27.908745	88.0250%
1670	0.019057	52.475424	

BASE YEAR: 1802

YEAR	BYEAR/AYEAR	AYEAR/BYEAR	GROWTH%
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2009	53.078068	0.018840	8.2857%
2001	49.016711	0.020401	1.0000%
2000	48.531391	0.020605	1.0000%
1999	48.050883	0.020811	1.0000%
1998	47.575131	0.021019	1.0000%
1997	47.104090	0.021230	1.0000%
1996	46.637713	0.021442	1.0000%
1995	46.175954	0.021656	0.9992%
1994	45.719118	0.021873	1.0008%
1993	45.266105	0.022092	1.0000%
1992	44.817926	0.022313	0.9295%
1991	44.405177	0.022520	1.2505%
1990	43.856742	0.022802	0.7224%
1989	43.542173	0.022966	1.1077%
1988	43.065152	0.023221	0.8834%
1987	42.688061	0.023426	0.5594%
1986	42.450608	0.023557	1.3056%
1985	41.903504	0.023864	0.7673%
1984	41.584434	0.024047	0.8149%
1983	41.248283	0.024243	0.9737%
1982	40.850502	0.024480	0.9508%
1981	40.465751	0.024712	0.9031%
1980	40.103589	0.024935	2.2701%
1979	39.213418	0.025501	1.0042%
1978	38.823560	0.025758	0.9896%
1977	38.443124	0.026012	0.9103%
1976	38.096320	0.026249	0.8394%
1975	37.779186	0.026470	0.9042%
1974	37.440659	0.026709	1.1568%
1973	37.012502	0.027018	0.9427%
1972	36.666843	0.027273	0.7426%
1971	36.396549	0.027475	1.4697%
1970	35.869363	0.027879	0.6968%
1969	35.621148	0.028073	0.8565%
1968	35.318630	0.028314	1.5090%
1967	34.793582	0.028741	0.9949%
1966	34.450828	0.029027	1.0575%
1965	34.090333	0.029334	1.1300%
1964	33.709412	0.029665	1.5537%
1963	33.193696	0.030126	1.4658%
1962	32.714166	0.030568	1.5364%

1961	32.219141	0.031037	2.1586%
1960	31.538342	0.031707	-1.6655%
1959	32.072504	0.031179	4.3080%
1958	30.747887	0.032523	2.1130%
1957	30.111639	0.033210	1.9895%
1956	29.524256	0.033870	2.1231%
1955	28.910460	0.034590	1.4496%
1954	28.497359	0.035091	2.1573%
1953	27.895580	0.035848	1.2298%
1952	27.556700	0.036289	1.6814%
1951	27.101030	0.036899	1.6233%
1950	26.668133	0.037498	1.4265%
1949	26.293053	0.038033	1.7790%
1948	25.833465	0.038709	1.8242%
1947	25.370664	0.039416	-2.6320%
1946	26.056480	0.038378	3.1768%
1945	25.254204	0.039597	6.4754%
1944	23.718343	0.042161	-0.3437%
1943	23.800138	0.042017	0.6562%
1942	23.644974	0.042292	0.6633%
1941	23.489171	0.042573	-5.6614%
1940	24.898798	0.040163	8.0381%
1939	23.046311	0.043391	0.8126%
1938	22.860539	0.043744	0.7762%
1937	22.684451	0.044083	0.6029%
1936	22.548512	0.044349	0.5244%
1935	22.430886	0.044581	-3.0364%
1934	23.133298	0.043228	4.6271%
1933	22.110231	0.045228	1.3921%
1932	21.806656	0.045858	-0.2051%
1931	21.851470	0.045764	0.8886%
1930	21.659009	0.046170	1.0126%
1929	21.441891	0.046638	1.1526%
1928	21.197570	0.047175	1.2160%
1927	20.942904	0.047749	1.4086%
1926	20.652003	0.048421	1.7667%
1925	20.293481	0.049277	1.4465%
1924	20.004121	0.049990	1.7700%
1923	19.656211	0.050875	1.6165%
1922	19.343520	0.051697	1.3736%
1921	19.081409	0.052407	2.3393%
1920	18.645239	0.053633	1.3140%
1919	18.403416	0.054338	0.7676%
1918	18.263220	0.054755	0.3870%
1917	18.192816	0.054967	1.3274%
1916	17.954481	0.055696	1.4083%
1915	17.705142	0.056481	1.4458%
1914	17.452809	0.057297	1.9424%
1913	17.120268	0.058410	1.9857%
1912	16.786934	0.059570	1.5634%
1911	16.528526	0.060501	1.8169%
1910	16.233576	0.061601	1.8781%
1909	15.934319	0.062758	2.0082%

1908	15.620620	0.064018	1.9603%
1907	15.320303	0.065273	1.8264%
1906	15.045519	0.066465	1.9357%
1905	14.759817	0.067752	2.0148%
1904	14.468304	0.069117	2.1335%
1903	14.166067	0.070591	1.8151%
1902	13.913516	0.071873	1.8943%
1901	13.654846	0.073234	3.0255%
1900	13.253851	0.075450	0.6278%
1899	13.171157	0.075923	1.7757%
1898	12.941363	0.077272	1.8078%
1897	12.711569	0.078668	1.8396%
1896	12.481951	0.080116	1.8755%
1895	12.252157	0.081618	1.9114%
1894	12.022363	0.083178	1.9486%
1893	11.792569	0.084799	1.9858%
1892	11.562951	0.086483	2.0276%
1891	11.333157	0.088237	2.6465%
1890	11.040957	0.090572	1.5328%
1889	10.874274	0.091960	2.0811%
1888	10.652580	0.093874	2.1599%
1887	10.427364	0.095902	2.2075%
1886	10.202148	0.098019	2.2592%
1885	9.976756	0.100233	2.3095%
1884	9.751541	0.102548	2.3641%
1883	9.526325	0.104972	2.4214%
1882	9.301109	0.107514	2.4815%
1881	9.075894	0.110182	3.7644%
1880	8.746636	0.114330	0.9432%
1879	8.664906	0.115408	2.1464%
1878	8.482831	0.117885	2.1913%
1877	8.300933	0.120468	2.2426%
1876	8.118859	0.123170	2.2941%
1875	7.936785	0.125996	2.3456%
1874	7.754886	0.128951	2.4043%
1873	7.572812	0.132051	2.4635%
1872	7.390738	0.135304	2.5258%
1871	7.208663	0.138722	5.9947%
1870	6.800968	0.147038	-1.0968%
1869	6.876387	0.145425	2.1930%
1868	6.728825	0.148614	2.2394%
1867	6.581440	0.151942	2.2935%
1866	6.433879	0.155427	2.3445%
1865	6.286494	0.159071	2.4037%
1864	6.138933	0.162895	2.4599%
1863	5.991548	0.166902	2.5250%
1862	5.843987	0.171116	2.5872%
1861	5.696602	0.175543	2.9504%
1860	5.533345	0.180723	2.4012%
1859	5.403592	0.185062	2.7627%
1858	5.258320	0.190175	2.8412%
1857	5.113048	0.195578	2.9243%
1856	4.967776	0.201297	3.0161%

1855	4.822328	0.207369	3.1061%
1854	4.677056	0.213810	3.2056%
1853	4.531784	0.220664	3.3118%
1852	4.386512	0.227972	3.4252%
1851	4.241240	0.235780	4.0106%
1850	4.077699	0.245236	2.3254%
1849	3.985033	0.250939	2.7841%
1848	3.877091	0.257925	2.8590%
1847	3.769326	0.265299	2.9432%
1846	3.661560	0.273108	3.0324%
1845	3.553795	0.281389	3.1325%
1844	3.445853	0.290204	3.2284%
1843	3.338088	0.299573	3.3361%
1842	3.230322	0.309567	3.4512%
1841	3.122557	0.320250	3.8105%
1840	3.007940	0.332453	2.3861%
1839	2.937841	0.340386	2.5824%
1838	2.863884	0.349176	2.6573%
1837	2.789752	0.358455	2.7232%
1836	2.715795	0.368216	2.7994%
1835	2.641838	0.378524	2.8871%
1834	2.567706	0.389453	2.9657%
1833	2.493749	0.401003	3.0563%
1832	2.419792	0.413259	3.1604%
1831	2.345659	0.426319	3.4660%
1830	2.267083	0.441095	2.4653%
1829	2.212537	0.451970	2.6804%
1828	2.154781	0.464084	10.3427%
1827	1.952809	0.512083	-4.2314%
1826	2.039091	0.490415	2.9150%
1825	1.981335	0.504710	3.0026%
1824	1.923578	0.519865	3.0955%
1823	1.865821	0.535957	3.1944%
1822	1.808065	0.553078	3.3102%
1821	1.750132	0.571385	3.2277%
1820	1.695409	0.589828	2.6573%
1819	1.651523	0.605502	2.6261%
1818	1.609262	0.621403	2.6969%
1817	1.567001	0.638162	2.7717%
1816	1.524740	0.655849	2.8507%
1815	1.482479	0.674546	2.9343%
1814	1.440218	0.694339	3.0231%
1813	1.397957	0.715329	3.1039%
1812	1.355873	0.737532	3.2172%
1811	1.313612	0.761260	3.0969%
1810	1.274152	0.784836	2.9144%
1809	1.238070	0.807709	2.8225%
1808	1.204085	0.830506	2.9199%
1807	1.169924	0.854756	2.9918%
1806	1.135939	0.880329	3.0841%
1805	1.101955	0.907478	3.1822%
1804	1.067970	0.936356	3.2868%
1803	1.033985	0.967132	3.3985%

1802	1.000000	1.000000	3.5180%
1801	0.966015	1.035180	3.3999%
1800	0.934251	1.070376	2.8419%
1799	0.908435	1.100795	2.7485%
1798	0.884135	1.131050	2.8261%
1797	0.859834	1.163015	3.7832%
1796	0.828491	1.207014	2.1272%
1795	0.811234	1.232689	3.0879%
1794	0.786934	1.270754	3.1625%
1793	0.762810	1.310942	3.2904%
1792	0.738510	1.354077	3.4024%
1791	0.714210	1.400148	3.2296%
1790	0.691866	1.445367	41.3145%
1780	0.489593	2.042512	29.4353%
1770	0.378253	2.643732	83.4728%
1750	0.206163	4.850530	29.2845%
1740	0.159465	6.270981	94.2514%
1720	0.082092	12.181467	85.8111%
1700	0.044180	22.634516	19.2490%
1690	0.037049	26.991445	88.0250%
1670	0.019704	50.750670	

BASE YEAR: 1801

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	54.945379	0.018200	8.2857%
2001	50.741141	0.019708	1.0000%
2000	50.238748	0.019905	1.0000%
1999	49.741335	0.020104	1.0000%
1998	49.248846	0.020305	1.0000%
1997	48.761234	0.020508	1.0000%
1996	48.278449	0.020713	1.0000%
1995	47.800445	0.020920	0.9992%
1994	47.327538	0.021129	1.0008%
1993	46.858587	0.021341	1.0000%
1992	46.394641	0.021554	0.9295%
1991	45.967371	0.021755	1.2505%
1990	45.399642	0.022027	0.7224%
1989	45.074007	0.022186	1.1077%
1988	44.580204	0.022431	0.8834%
1987	44.189847	0.022630	0.5594%
1986	43.944039	0.022756	1.3056%
1985	43.377689	0.023053	0.7673%
1984	43.047393	0.023230	0.8149%
1983	42.699417	0.023420	0.9737%
1982	42.287641	0.023648	0.9508%
1981	41.889355	0.023872	0.9031%
1980	41.514452	0.024088	2.2701%
1979	40.592964	0.024635	1.0042%
1978	40.189391	0.024882	0.9896%
1977	39.795571	0.025128	0.9103%
1976	39.436566	0.025357	0.8394%

1975	39.108276	0.025570	0.9042%
1974	38.757838	0.025801	1.1568%
1973	38.314619	0.026100	0.9427%
1972	37.956799	0.026346	0.7426%
1971	37.676996	0.026541	1.4697%
1970	37.131264	0.026931	0.6968%
1969	36.874316	0.027119	0.8565%
1968	36.561156	0.027351	1.5090%
1967	36.017636	0.027764	0.9949%
1966	35.662824	0.028040	1.0575%
1965	35.289646	0.028337	1.1300%
1964	34.895324	0.028657	1.5537%
1963	34.361466	0.029102	1.4658%
1962	33.865066	0.029529	1.5364%
1961	33.352625	0.029983	2.1586%
1960	32.647875	0.030630	-1.6655%
1959	33.200829	0.030120	4.3080%
1958	31.829612	0.031417	2.1130%
1957	31.170981	0.032081	1.9895%
1956	30.562933	0.032719	2.1231%
1955	29.927543	0.033414	1.4496%
1954	29.499909	0.033898	2.1573%
1953	28.876960	0.034630	1.2298%
1952	28.526157	0.035056	1.6814%
1951	28.054457	0.035645	1.6233%
1950	27.606331	0.036224	1.4265%
1949	27.218055	0.036740	1.7790%
1948	26.742299	0.037394	1.8242%
1947	26.263215	0.038076	-2.6320%
1946	26.973159	0.037074	3.1768%
1945	26.142659	0.038252	6.4754%
1944	24.552765	0.040729	-0.3437%
1943	24.637438	0.040589	0.6562%
1942	24.476815	0.040855	0.6633%
1941	24.315530	0.041126	-5.6614%
1940	25.774749	0.038798	8.0381%
1939	23.857091	0.041916	0.8126%
1938	23.664783	0.042257	0.7762%
1937	23.482501	0.042585	0.6029%
1936	23.341779	0.042842	0.5244%
1935	23.220015	0.043066	-3.0364%
1934	23.947138	0.041759	4.6271%
1933	22.888079	0.043691	1.3921%
1932	22.573824	0.044299	-0.2051%
1931	22.620215	0.044208	0.8886%
1930	22.420983	0.044601	1.0126%
1929	22.196227	0.045053	1.1526%
1928	21.943310	0.045572	1.2160%
1927	21.679685	0.046126	1.4086%
1926	21.378550	0.046776	1.7667%
1925	21.007415	0.047602	1.4465%
1924	20.707875	0.048291	1.7700%
1923	20.347726	0.049146	1.6165%

1922	20.024034	0.049940	1.3736%
1921	19.752702	0.050626	2.3393%
1920	19.301187	0.051810	1.3140%
1919	19.050857	0.052491	0.7676%
1918	18.905728	0.052894	0.3870%
1917	18.832847	0.053099	1.3274%
1916	18.586128	0.053804	1.4083%
1915	18.328017	0.054561	1.4458%
1914	18.066806	0.055350	1.9424%
1913	17.722567	0.056425	1.9857%
1912	17.377506	0.057546	1.5634%
1911	17.110007	0.058445	1.8169%
1910	16.804680	0.059507	1.8781%
1909	16.494896	0.060625	2.0082%
1908	16.170160	0.061842	1.9603%
1907	15.859278	0.063055	1.8264%
1906	15.574827	0.064206	1.9357%
1905	15.279074	0.065449	2.0148%
1904	14.977306	0.066768	2.1335%
1903	14.664436	0.068192	1.8151%
1902	14.403000	0.069430	1.8943%
1901	14.135230	0.070745	3.0255%
1900	13.720127	0.072886	0.6278%
1899	13.634524	0.073343	1.7757%
1898	13.396646	0.074646	1.8078%
1897	13.158768	0.075995	1.8396%
1896	12.921072	0.077393	1.8755%
1895	12.683194	0.078844	1.9114%
1894	12.445315	0.080352	1.9486%
1893	12.207437	0.081917	1.9858%
1892	11.969741	0.083544	2.0276%
1891	11.731863	0.085238	2.6465%
1890	11.429382	0.087494	1.5328%
1889	11.256836	0.088835	2.0811%
1888	11.027342	0.090684	2.1599%
1887	10.794203	0.092642	2.2075%
1886	10.561065	0.094687	2.2592%
1885	10.327743	0.096827	2.3095%
1884	10.094604	0.099063	2.3641%
1883	9.861466	0.101405	2.4214%
1882	9.628327	0.103860	2.4815%
1881	9.395188	0.106437	3.7644%
1880	9.054346	0.110444	0.9432%
1879	8.969741	0.111486	2.1464%
1878	8.781261	0.113879	2.1913%
1877	8.592964	0.116374	2.2426%
1876	8.404484	0.118984	2.2941%
1875	8.216004	0.121714	2.3456%
1874	8.027707	0.124569	2.4043%
1873	7.839227	0.127564	2.4635%
1872	7.650747	0.130706	2.5258%
1871	7.462268	0.134008	5.9947%
1870	7.040229	0.142041	-1.0968%

1869	7.118301	0.140483	2.1930%
1868	6.965549	0.143564	2.2394%
1867	6.812978	0.146779	2.2935%
1866	6.660226	0.150145	2.3445%
1865	6.507656	0.153665	2.4037%
1864	6.354903	0.157359	2.4599%
1863	6.202333	0.161230	2.5250%
1862	6.049581	0.165301	2.5872%
1861	5.897011	0.169577	2.9504%
1860	5.728011	0.174581	2.4012%
1859	5.593693	0.178773	2.7627%
1858	5.443310	0.183712	2.8412%
1857	5.292927	0.188931	2.9243%
1856	5.142545	0.194456	3.0161%
1855	4.991980	0.200321	3.1061%
1854	4.841597	0.206543	3.2056%
1853	4.691214	0.213164	3.3118%
1852	4.540831	0.220224	3.4252%
1851	4.390448	0.227767	4.0106%
1850	4.221155	0.236902	2.3254%
1849	4.125228	0.242411	2.7841%
1848	4.013489	0.249160	2.8590%
1847	3.901932	0.256283	2.9432%
1846	3.790376	0.263826	3.0324%
1845	3.678819	0.271826	3.1325%
1844	3.567080	0.280341	3.2284%
1843	3.455523	0.289392	3.3361%
1842	3.343966	0.299046	3.4512%
1841	3.232410	0.309367	3.8105%
1840	3.113760	0.321155	2.3861%
1839	3.041196	0.328818	2.5824%
1838	2.964637	0.337309	2.6573%
1837	2.887896	0.346273	2.7232%
1836	2.811338	0.355703	2.7994%
1835	2.734779	0.365660	2.8871%
1834	2.658039	0.376217	2.9657%
1833	2.581480	0.387375	3.0563%
1832	2.504922	0.399214	3.1604%
1831	2.428181	0.411831	3.4660%
1830	2.346840	0.426105	2.4653%
1829	2.290376	0.436610	2.6804%
1828	2.230587	0.448312	10.3427%
1827	2.021509	0.494680	-4.2314%
1826	2.110828	0.473748	2.9150%
1825	2.051039	0.487558	3.0026%
1824	1.991250	0.502197	3.0955%
1823	1.931462	0.517743	3.1944%
1822	1.871673	0.534281	3.3102%
1821	1.811703	0.551967	3.2277%
1820	1.755054	0.569783	2.6573%
1819	1.709624	0.584924	2.6261%
1818	1.665877	0.600284	2.6969%
1817	1.622129	0.616474	2.7717%

1816	1.578381	0.633560	2.8507%
1815	1.534634	0.651621	2.9343%
1814	1.490886	0.670742	3.0231%
1813	1.447138	0.691019	3.1039%
1812	1.403573	0.712468	3.2172%
1811	1.359825	0.735389	3.0969%
1810	1.318977	0.758163	2.9144%
1809	1.281626	0.780259	2.8225%
1808	1.246445	0.802281	2.9199%
1807	1.211083	0.825707	2.9918%
1806	1.175902	0.850411	3.0841%
1805	1.140722	0.876638	3.1822%
1804	1.105541	0.904534	3.2868%
1803	1.070361	0.934264	3.3985%
1802	1.035180	0.966015	3.5180%
1801	1.000000	1.000000	3.3999%
1800	0.967118	1.033999	2.8419%
1799	0.940394	1.063384	2.7485%
1798	0.915239	1.092611	2.8261%
1797	0.890084	1.123490	3.7832%
1796	0.857638	1.165994	2.1272%
1795	0.839774	1.190797	3.0879%
1794	0.814619	1.227568	3.1625%
1793	0.789646	1.266390	3.2904%
1792	0.764491	1.308059	3.4024%
1791	0.739336	1.352564	3.2296%
1790	0.716206	1.396246	41.3145%
1780	0.506817	1.973097	29.4353%
1770	0.391560	2.553885	83.4728%
1750	0.213416	4.685685	29.2845%
1740	0.165075	6.057862	94.2514%
1720	0.084980	11.767482	85.8111%
1700	0.045735	21.865285	19.2490%
1690	0.038352	26.074144	88.0250%
1670	0.020397	49.025916	

BASE YEAR: 1800

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	56.813493	0.017601	8.2857%
2001	52.466313	0.019060	1.0000%
2000	51.946839	0.019250	1.0000%
1999	51.432514	0.019443	1.0000%
1998	50.923281	0.019637	1.0000%
1997	50.419090	0.019834	1.0000%
1996	49.919891	0.020032	1.0000%
1995	49.425635	0.020232	0.9992%
1994	48.936649	0.020435	1.0008%
1993	48.451754	0.020639	1.0000%
1992	47.972034	0.020845	0.9295%
1991	47.530238	0.021039	1.2505%
1990	46.943206	0.021302	0.7224%

1989	46.606499	0.021456	1.1077%
1988	46.095908	0.021694	0.8834%
1987	45.692278	0.021886	0.5594%
1986	45.438113	0.022008	1.3056%
1985	44.852507	0.022295	0.7673%
1984	44.510982	0.022466	0.8149%
1983	44.151174	0.022649	0.9737%
1982	43.725399	0.022870	0.9508%
1981	43.313571	0.023087	0.9031%
1980	42.925921	0.023296	2.2701%
1979	41.973103	0.023825	1.0042%
1978	41.555809	0.024064	0.9896%
1977	41.148599	0.024302	0.9103%
1976	40.777388	0.024523	0.8394%
1975	40.437936	0.024729	0.9042%
1974	40.075584	0.024953	1.1568%
1973	39.617296	0.025242	0.9427%
1972	39.247310	0.025479	0.7426%
1971	38.957994	0.025669	1.4697%
1970	38.393707	0.026046	0.6968%
1969	38.128024	0.026227	0.8565%
1968	37.804216	0.026452	1.5090%
1967	37.242216	0.026851	0.9949%
1966	36.875341	0.027118	1.0575%
1965	36.489476	0.027405	1.1300%
1964	36.081747	0.027715	1.5537%
1963	35.529737	0.028145	1.4658%
1962	35.016460	0.028558	1.5364%
1961	34.486596	0.028997	2.1586%
1960	33.757885	0.029623	-1.6655%
1959	34.329640	0.029129	4.3080%
1958	32.911802	0.030384	2.1130%
1957	32.230778	0.031026	1.9895%
1956	31.602056	0.031644	2.1231%
1955	30.945063	0.032315	1.4496%
1954	30.502890	0.032784	2.1573%
1953	29.858761	0.033491	1.2298%
1952	29.496032	0.033903	1.6814%
1951	29.008293	0.034473	1.6233%
1950	28.544931	0.035032	1.4265%
1949	28.143455	0.035532	1.7790%
1948	27.651523	0.036164	1.8242%
1947	27.156151	0.036824	-2.6320%
1946	27.890232	0.035855	3.1768%
1945	27.031495	0.036994	6.4754%
1944	25.387546	0.039389	-0.3437%
1943	25.475098	0.039254	0.6562%
1942	25.309014	0.039512	0.6633%
1941	25.142246	0.039774	-5.6614%
1940	26.651077	0.037522	8.0381%
1939	24.668219	0.040538	0.8126%
1938	24.469373	0.040867	0.7762%
1937	24.280894	0.041185	0.6029%

1936	24.135387	0.041433	0.5244%
1935	24.009483	0.041650	-3.0364%
1934	24.761328	0.040386	4.6271%
1933	23.666261	0.042254	1.3921%
1932	23.341322	0.042842	-0.2051%
1931	23.389290	0.042755	0.8886%
1930	23.183284	0.043135	1.0126%
1929	22.950887	0.043571	1.1526%
1928	22.689371	0.044073	1.2160%
1927	22.416782	0.044609	1.4086%
1926	22.105410	0.045238	1.7667%
1925	21.721656	0.046037	1.4465%
1924	21.411932	0.046703	1.7700%
1923	21.039538	0.047530	1.6165%
1922	20.704840	0.048298	1.3736%
1921	20.424283	0.048961	2.3393%
1920	19.957417	0.050107	1.3140%
1919	19.698576	0.050765	0.7676%
1918	19.548513	0.051155	0.3870%
1917	19.473154	0.051353	1.3274%
1916	19.218047	0.052034	1.4083%
1915	18.951160	0.052767	1.4458%
1914	18.681068	0.053530	1.9424%
1913	18.325124	0.054570	1.9857%
1912	17.968332	0.055653	1.5634%
1911	17.691738	0.056524	1.8169%
1910	17.376031	0.057551	1.8781%
1909	17.055714	0.058631	2.0082%
1908	16.719937	0.059809	1.9603%
1907	16.398485	0.060981	1.8264%
1906	16.104363	0.062095	1.9357%
1905	15.798554	0.063297	2.0148%
1904	15.486526	0.064572	2.1335%
1903	15.163019	0.065950	1.8151%
1902	14.892695	0.067147	1.8943%
1901	14.615820	0.068419	3.0255%
1900	14.186604	0.070489	0.6278%
1899	14.098091	0.070932	1.7757%
1898	13.852125	0.072191	1.8078%
1897	13.606159	0.073496	1.8396%
1896	13.360381	0.074848	1.8755%
1895	13.114415	0.076252	1.9114%
1894	12.868449	0.077709	1.9486%
1893	12.622484	0.079224	1.9858%
1892	12.376706	0.080797	2.0276%
1891	12.130740	0.082435	2.6465%
1890	11.817975	0.084617	1.5328%
1889	11.639562	0.085914	2.0811%
1888	11.402266	0.087702	2.1599%
1887	11.161201	0.089596	2.2075%
1886	10.920135	0.091574	2.2592%
1885	10.678881	0.093643	2.3095%
1884	10.437816	0.095805	2.3641%

1883	10.196750	0.098070	2.4214%
1882	9.955685	0.100445	2.4815%
1881	9.714619	0.102938	3.7644%
1880	9.362189	0.106813	0.9432%
1879	9.274708	0.107820	2.1464%
1878	9.079820	0.110134	2.1913%
1877	8.885120	0.112548	2.2426%
1876	8.690232	0.115072	2.2941%
1875	8.495344	0.117712	2.3456%
1874	8.300645	0.120473	2.4043%
1873	8.105757	0.123369	2.4635%
1872	7.910869	0.126408	2.5258%
1871	7.715981	0.129601	5.9947%
1870	7.279593	0.137370	-1.0968%
1869	7.360320	0.135864	2.1930%
1868	7.202374	0.138843	2.2394%
1867	7.044616	0.141952	2.2935%
1866	6.886670	0.145208	2.3445%
1865	6.728913	0.148612	2.4037%
1864	6.570967	0.152185	2.4599%
1863	6.413209	0.155928	2.5250%
1862	6.255263	0.159865	2.5872%
1861	6.097506	0.164001	2.9504%
1860	5.922760	0.168840	2.4012%
1859	5.783876	0.172894	2.7627%
1858	5.628380	0.177671	2.8412%
1857	5.472884	0.182719	2.9243%
1856	5.317388	0.188062	3.0161%
1855	5.161704	0.193734	3.1061%
1854	5.006209	0.199752	3.2056%
1853	4.850713	0.206155	3.3118%
1852	4.695217	0.212983	3.4252%
1851	4.539721	0.220278	4.0106%
1850	4.364672	0.229112	2.3254%
1849	4.265483	0.234440	2.7841%
1848	4.149945	0.240967	2.8590%
1847	4.034596	0.247856	2.9432%
1846	3.919246	0.255151	3.0324%
1845	3.803897	0.262888	3.1325%
1844	3.688359	0.271123	3.2284%
1843	3.573009	0.279876	3.3361%
1842	3.457660	0.289213	3.4512%
1841	3.342310	0.299194	3.8105%
1840	3.219627	0.310595	2.3861%
1839	3.144595	0.318006	2.5824%
1838	3.065433	0.326218	2.6573%
1837	2.986083	0.334887	2.7232%
1836	2.906922	0.344006	2.7994%
1835	2.827760	0.353637	2.8871%
1834	2.748411	0.363847	2.9657%
1833	2.669249	0.374637	3.0563%
1832	2.590088	0.386087	3.1604%
1831	2.510738	0.398289	3.4660%

1830	2.426631	0.412094	2.4653%
1829	2.368247	0.422253	2.6804%
1828	2.306426	0.433571	10.3427%
1827	2.090240	0.478414	-4.2314%
1826	2.182595	0.458170	2.9150%
1825	2.120773	0.471526	3.0026%
1824	2.058952	0.485684	3.0955%
1823	1.997131	0.500718	3.1944%
1822	1.935309	0.516713	3.3102%
1821	1.873299	0.533817	3.2277%
1820	1.814725	0.551048	2.6573%
1819	1.767751	0.565691	2.6261%
1818	1.722516	0.580546	2.6969%
1817	1.677281	0.596203	2.7717%
1816	1.632045	0.612728	2.8507%
1815	1.586810	0.630195	2.9343%
1814	1.541575	0.648687	3.0231%
1813	1.496340	0.668297	3.1039%
1812	1.451293	0.689041	3.2172%
1811	1.406058	0.711208	3.0969%
1810	1.363822	0.733234	2.9144%
1809	1.325201	0.754603	2.8225%
1808	1.288824	0.775901	2.9199%
1807	1.252259	0.798557	2.9918%
1806	1.215882	0.822448	3.0841%
1805	1.179506	0.847813	3.1822%
1804	1.143129	0.874792	3.2868%
1803	1.106753	0.903544	3.3985%
1802	1.070376	0.934251	3.5180%
1801	1.033999	0.967118	3.3999%
1800	1.000000	1.000000	2.8419%
1799	0.972367	1.028419	2.7485%
1798	0.946356	1.056684	2.8261%
1797	0.920346	1.086548	3.7832%
1796	0.886797	1.127654	2.1272%
1795	0.868326	1.151641	3.0879%
1794	0.842316	1.187203	3.1625%
1793	0.816494	1.224749	3.2904%
1792	0.790484	1.265048	3.4024%
1791	0.764474	1.308090	3.2296%
1790	0.740557	1.350335	41.3145%
1780	0.524049	1.908219	29.4353%
1770	0.404873	2.469909	83.4728%
1750	0.220672	4.531613	29.2845%
1740	0.170687	5.858670	94.2514%
1720	0.087869	11.380549	85.8111%
1700	0.047290	21.146321	19.2490%
1690	0.039656	25.216787	88.0250%
1670	0.021091	47.413870	

BASE YEAR: 1799

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	58.428058	0.017115	8.2857%
2001	53.957336	0.018533	1.0000%
2000	53.423100	0.018718	1.0000%
1999	52.894158	0.018906	1.0000%
1998	52.370454	0.019095	1.0000%
1997	51.851934	0.019286	1.0000%
1996	51.338549	0.019479	1.0000%
1995	50.830246	0.019673	0.9992%
1994	50.327364	0.019870	1.0008%
1993	49.828690	0.020069	1.0000%
1992	49.335336	0.020269	0.9295%
1991	48.880985	0.020458	1.2505%
1990	48.277270	0.020714	0.7224%
1989	47.930994	0.020863	1.1077%
1988	47.405893	0.021094	0.8834%
1987	46.990793	0.021281	0.5594%
1986	46.729405	0.021400	1.3056%
1985	46.127156	0.021679	0.7673%
1984	45.775926	0.021846	0.8149%
1983	45.405893	0.022024	0.9737%
1982	44.968017	0.022238	0.9508%
1981	44.544485	0.022449	0.9031%
1980	44.145820	0.022652	2.2701%
1979	43.165924	0.023166	1.0042%
1978	42.736771	0.023399	0.9896%
1977	42.317988	0.023631	0.9103%
1976	41.936228	0.023846	0.8394%
1975	41.587129	0.024046	0.9042%
1974	41.214480	0.024263	1.1568%
1973	40.743167	0.024544	0.9427%
1972	40.362667	0.024775	0.7426%
1971	40.065129	0.024959	1.4697%
1970	39.484806	0.025326	0.6968%
1969	39.211572	0.025503	0.8565%
1968	38.878562	0.025721	1.5090%
1967	38.300591	0.026109	0.9949%
1966	37.923289	0.026369	1.0575%
1965	37.526459	0.026648	1.1300%
1964	37.107143	0.026949	1.5537%
1963	36.539446	0.027368	1.4658%
1962	36.011582	0.027769	1.5364%
1961	35.466660	0.028195	2.1586%
1960	34.717240	0.028804	-1.6655%
1959	35.305243	0.028324	4.3080%
1958	33.847112	0.029545	2.1130%
1957	33.146734	0.030169	1.9895%
1956	32.500145	0.030769	2.1231%
1955	31.824481	0.031422	1.4496%
1954	31.369742	0.031878	2.1573%
1953	30.707308	0.032566	1.2298%
1952	30.334270	0.032966	1.6814%
1951	29.832671	0.033520	1.6233%

1950	29.356141	0.034064	1.4265%
1949	28.943255	0.034550	1.7790%
1948	28.437343	0.035165	1.8242%
1947	27.927893	0.035806	-2.6320%
1946	28.682836	0.034864	3.1768%
1945	27.799695	0.035972	6.4754%
1944	26.109027	0.038301	-0.3437%
1943	26.199066	0.038169	0.6562%
1942	26.028263	0.038420	0.6633%
1941	25.856755	0.038675	-5.6614%
1940	27.408466	0.036485	8.0381%
1939	25.369258	0.039418	0.8126%
1938	25.164761	0.039738	0.7762%
1937	24.970925	0.040047	0.6029%
1936	24.821283	0.040288	0.5244%
1935	24.691801	0.040499	-3.0364%
1934	25.465013	0.039270	4.6271%
1933	24.338825	0.041087	1.3921%
1932	24.004652	0.041659	-0.2051%
1931	24.053983	0.041573	0.8886%
1930	23.842123	0.041943	1.0126%
1929	23.603121	0.042367	1.1526%
1928	23.334173	0.042856	1.2160%
1927	23.053838	0.043377	1.4086%
1926	22.733616	0.043988	1.7667%
1925	22.338957	0.044765	1.4465%
1924	22.020431	0.045412	1.7700%
1923	21.637454	0.046216	1.6165%
1922	21.293244	0.046963	1.3736%
1921	21.004714	0.047608	2.3393%
1920	20.524580	0.048722	1.3140%
1919	20.258383	0.049362	0.7676%
1918	20.104056	0.049741	0.3870%
1917	20.026556	0.049934	1.3274%
1916	19.764198	0.050597	1.4083%
1915	19.489727	0.051309	1.4458%
1914	19.211960	0.052051	1.9424%
1913	18.845900	0.053062	1.9857%
1912	18.478969	0.054116	1.5634%
1911	18.194514	0.054962	1.8169%
1910	17.869834	0.055960	1.8781%
1909	17.540415	0.057011	2.0082%
1908	17.195096	0.058156	1.9603%
1907	16.864509	0.059296	1.8264%
1906	16.562028	0.060379	1.9357%
1905	16.247529	0.061548	2.0148%
1904	15.926633	0.062788	2.1335%
1903	15.593932	0.064128	1.8151%
1902	15.315925	0.065292	1.8943%
1901	15.031182	0.066528	3.0255%
1900	14.589769	0.068541	0.6278%
1899	14.498740	0.068972	1.7757%
1898	14.245784	0.070196	1.8078%

1897	13.992828	0.071465	1.8396%
1896	13.740066	0.072780	1.8755%
1895	13.487110	0.074145	1.9114%
1894	13.234154	0.075562	1.9486%
1893	12.981198	0.077034	1.9858%
1892	12.728436	0.078564	2.0276%
1891	12.475480	0.080157	2.6465%
1890	12.153827	0.082279	1.5328%
1889	11.970343	0.083540	2.0811%
1888	11.726304	0.085278	2.1599%
1887	11.478387	0.087120	2.2075%
1886	11.230471	0.089043	2.2592%
1885	10.982361	0.091055	2.3095%
1884	10.734445	0.093158	2.3641%
1883	10.486528	0.095360	2.4214%
1882	10.238612	0.097669	2.4815%
1881	9.990696	0.100093	3.7644%
1880	9.628250	0.103861	0.9432%
1879	9.538283	0.104841	2.1464%
1878	9.337856	0.107091	2.1913%
1877	9.137624	0.109438	2.2426%
1876	8.937197	0.111892	2.2941%
1875	8.736771	0.114459	2.3456%
1874	8.536538	0.117144	2.4043%
1873	8.336112	0.119960	2.4635%
1872	8.135685	0.122915	2.5258%
1871	7.935259	0.126020	5.9947%
1870	7.486469	0.133574	-1.0968%
1869	7.569490	0.132109	2.1930%
1868	7.407056	0.135006	2.2394%
1867	7.244815	0.138030	2.2935%
1866	7.082380	0.141195	2.3445%
1865	6.920140	0.144506	2.4037%
1864	6.757705	0.147979	2.4599%
1863	6.595464	0.151619	2.5250%
1862	6.433030	0.155448	2.5872%
1861	6.270789	0.159470	2.9504%
1860	6.091077	0.164175	2.4012%
1859	5.948246	0.168117	2.7627%
1858	5.788331	0.172761	2.8412%
1857	5.628416	0.177670	2.9243%
1856	5.468502	0.182865	3.0161%
1855	5.308393	0.188381	3.1061%
1854	5.148478	0.194232	3.2056%
1853	4.988564	0.200459	3.3118%
1852	4.828649	0.207097	3.4252%
1851	4.668734	0.214191	4.0106%
1850	4.488710	0.222781	2.3254%
1849	4.386703	0.227962	2.7841%
1848	4.267881	0.234308	2.8590%
1847	4.149254	0.241007	2.9432%
1846	4.030626	0.248100	3.0324%
1845	3.911998	0.255624	3.1325%

1844	3.793177	0.263631	3.2284%
1843	3.674549	0.272142	3.3361%
1842	3.555922	0.281221	3.4512%
1841	3.437294	0.290927	3.8105%
1840	3.311124	0.302012	2.3861%
1839	3.233960	0.309218	2.5824%
1838	3.152549	0.317204	2.6573%
1837	3.070944	0.325633	2.7232%
1836	2.989533	0.334500	2.7994%
1835	2.908122	0.343865	2.8871%
1834	2.826517	0.353792	2.9657%
1833	2.745106	0.364285	3.0563%
1832	2.663695	0.375418	3.1604%
1831	2.582090	0.387283	3.4660%
1830	2.495593	0.400706	2.4653%
1829	2.435550	0.410585	2.6804%
1828	2.371971	0.421590	10.3427%
1827	2.149641	0.465194	-4.2314%
1826	2.244621	0.445509	2.9150%
1825	2.181043	0.458496	3.0026%
1824	2.117465	0.472263	3.0955%
1823	2.053886	0.486882	3.1944%
1822	1.990308	0.502435	3.3102%
1821	1.926536	0.519066	3.2277%
1820	1.866297	0.535820	2.6573%
1819	1.817988	0.550059	2.6261%
1818	1.771467	0.564504	2.6969%
1817	1.724947	0.579728	2.7717%
1816	1.678426	0.595796	2.8507%
1815	1.631905	0.612781	2.9343%
1814	1.585385	0.630762	3.0231%
1813	1.538864	0.649830	3.1039%
1812	1.492537	0.670000	3.2172%
1811	1.446017	0.691555	3.0969%
1810	1.402580	0.712972	2.9144%
1809	1.362861	0.733751	2.8225%
1808	1.325451	0.754460	2.9199%
1807	1.287846	0.776490	2.9918%
1806	1.250436	0.799721	3.0841%
1805	1.213026	0.824385	3.1822%
1804	1.175615	0.850618	3.2868%
1803	1.138205	0.878576	3.3985%
1802	1.100795	0.908435	3.5180%
1801	1.063384	0.940394	3.3999%
1800	1.028419	0.972367	2.8419%
1799	1.000000	1.000000	2.7485%
1798	0.973251	1.027485	2.8261%
1797	0.946501	1.056523	3.7832%
1796	0.911998	1.096493	2.1272%
1795	0.893003	1.119818	3.0879%
1794	0.866253	1.154397	3.1625%
1793	0.839698	1.190905	3.2904%
1792	0.812948	1.230091	3.4024%

1791	0.786199	1.271943	3.2296%
1790	0.761602	1.313021	41.3145%
1780	0.538942	1.855488	29.4353%
1770	0.416379	2.401657	83.4728%
1750	0.226943	4.406389	29.2845%
1740	0.175538	5.696776	94.2514%
1720	0.090366	11.066066	85.8111%
1700	0.048633	20.561977	19.2490%
1690	0.040783	24.519962	88.0250%
1670	0.021690	46.103664	

BASE YEAR: 1798

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	60.033927	0.016657	8.2857%
2001	55.440330	0.018037	1.0000%
2000	54.891410	0.018218	1.0000%
1999	54.347931	0.018400	1.0000%
1998	53.809833	0.018584	1.0000%
1997	53.277062	0.018770	1.0000%
1996	52.749566	0.018958	1.0000%
1995	52.227293	0.019147	0.9992%
1994	51.710590	0.019338	1.0008%
1993	51.198210	0.019532	1.0000%
1992	50.691297	0.019727	0.9295%
1991	50.224457	0.019911	1.2505%
1990	49.604150	0.020160	0.7224%
1989	49.248357	0.020305	1.1077%
1988	48.708823	0.020530	0.8834%
1987	48.282314	0.020712	0.5594%
1986	48.013742	0.020827	1.3056%
1985	47.394941	0.021099	0.7673%
1984	47.034057	0.021261	0.8149%
1983	46.653854	0.021434	0.9737%
1982	46.203943	0.021643	0.9508%
1981	45.768771	0.021849	0.9031%
1980	45.359148	0.022046	2.2701%
1979	44.352320	0.022547	1.0042%
1978	43.911372	0.022773	0.9896%
1977	43.481079	0.022999	0.9103%
1976	43.088827	0.023208	0.8394%
1975	42.730133	0.023403	0.9042%
1974	42.347242	0.023614	1.1568%
1973	41.862976	0.023887	0.9427%
1972	41.472018	0.024113	0.7426%
1971	41.166302	0.024292	1.4697%
1970	40.570029	0.024649	0.6968%
1969	40.289285	0.024820	0.8565%
1968	39.947122	0.025033	1.5090%
1967	39.353266	0.025411	0.9949%
1966	38.965595	0.025664	1.0575%
1965	38.557857	0.025935	1.1300%

1964	38.127017	0.026228	1.5537%
1963	37.543716	0.026636	1.4658%
1962	37.001344	0.027026	1.5364%
1961	36.441446	0.027441	2.1586%
1960	35.671428	0.028034	-1.6655%
1959	36.275593	0.027567	4.3080%
1958	34.777385	0.028754	2.1130%
1957	34.057757	0.029362	1.9895%
1956	33.393398	0.029946	2.1231%
1955	32.699164	0.030582	1.4496%
1954	32.231926	0.031025	2.1573%
1953	31.551285	0.031694	1.2298%
1952	31.167994	0.032084	1.6814%
1951	30.652609	0.032624	1.6233%
1950	30.162981	0.033153	1.4265%
1949	29.738747	0.033626	1.7790%
1948	29.218930	0.034224	1.8242%
1947	28.695479	0.034849	-2.6320%
1946	29.471171	0.033931	3.1768%
1945	28.563757	0.035009	6.4754%
1944	26.826622	0.037276	-0.3437%
1943	26.919136	0.037148	0.6562%
1942	26.743639	0.037392	0.6633%
1941	26.567417	0.037640	-5.6614%
1940	28.161775	0.035509	8.0381%
1939	26.066521	0.038363	0.8126%
1938	25.856403	0.038675	0.7762%
1937	25.657240	0.038975	0.6029%
1936	25.503485	0.039210	0.5244%
1935	25.370444	0.039416	-3.0364%
1934	26.164907	0.038219	4.6271%
1933	25.007767	0.039988	1.3921%
1932	24.664409	0.040544	-0.2051%
1931	24.715097	0.040461	0.8886%
1930	24.497413	0.040821	1.0126%
1929	24.251842	0.041234	1.1526%
1928	23.975503	0.041709	1.2160%
1927	23.687463	0.042216	1.4086%
1926	23.358440	0.042811	1.7667%
1925	22.952934	0.043567	1.4465%
1924	22.625653	0.044198	1.7700%
1923	22.232150	0.044980	1.6165%
1922	21.878480	0.045707	1.3736%
1921	21.582020	0.046335	2.3393%
1920	21.088690	0.047419	1.3140%
1919	20.815176	0.048042	0.7676%
1918	20.656607	0.048411	0.3870%
1917	20.576977	0.048598	1.3274%
1916	20.307409	0.049243	1.4083%
1915	20.025393	0.049937	1.4458%
1914	19.739992	0.050659	1.9424%
1913	19.363872	0.051643	1.9857%
1912	18.986855	0.052668	1.5634%

1911	18.694583	0.053491	1.8169%
1910	18.360979	0.054463	1.8781%
1909	18.022505	0.055486	2.0082%
1908	17.667696	0.056600	1.9603%
1907	17.328022	0.057710	1.8264%
1906	17.017228	0.058764	1.9357%
1905	16.694085	0.059901	2.0148%
1904	16.364370	0.061108	2.1335%
1903	16.022525	0.062412	1.8151%
1902	15.736877	0.063545	1.8943%
1901	15.444308	0.064749	3.0255%
1900	14.990762	0.066708	0.6278%
1899	14.897232	0.067127	1.7757%
1898	14.637323	0.068319	1.8078%
1897	14.377415	0.069554	1.8396%
1896	14.117706	0.070833	1.8755%
1895	13.857797	0.072162	1.9114%
1894	13.597889	0.073541	1.9486%
1893	13.337980	0.074974	1.9858%
1892	13.078271	0.076463	2.0276%
1891	12.818363	0.078013	2.6465%
1890	12.487869	0.080078	1.5328%
1889	12.299343	0.081305	2.0811%
1888	12.048596	0.082997	2.1599%
1887	11.793866	0.084790	2.2075%
1886	11.539136	0.086662	2.2592%
1885	11.284206	0.088619	2.3095%
1884	11.029476	0.090666	2.3641%
1883	10.774746	0.092810	2.4214%
1882	10.520016	0.095057	2.4815%
1881	10.265286	0.097416	3.7644%
1880	9.892879	0.101083	0.9432%
1879	9.800438	0.102036	2.1464%
1878	9.594503	0.104226	2.1913%
1877	9.388767	0.106510	2.2426%
1876	9.182832	0.108899	2.2941%
1875	8.976897	0.111397	2.3456%
1874	8.771161	0.114010	2.4043%
1873	8.565226	0.116751	2.4635%
1872	8.359291	0.119627	2.5258%
1871	8.153356	0.122649	5.9947%
1870	7.692232	0.130001	-1.0968%
1869	7.777534	0.128575	2.1930%
1868	7.610635	0.131395	2.2394%
1867	7.443935	0.134338	2.2935%
1866	7.277036	0.137419	2.3445%
1865	7.110337	0.140640	2.4037%
1864	6.943438	0.144021	2.4599%
1863	6.776738	0.147564	2.5250%
1862	6.609839	0.151290	2.5872%
1861	6.443139	0.155204	2.9504%
1860	6.258488	0.159783	2.4012%
1859	6.111731	0.163620	2.7627%

1858	5.947421	0.168140	2.8412%
1857	5.783111	0.172917	2.9243%
1856	5.618801	0.177974	3.0161%
1855	5.454292	0.183342	3.1061%
1854	5.289982	0.189037	3.2056%
1853	5.125672	0.195096	3.3118%
1852	4.961362	0.201558	3.4252%
1851	4.797052	0.208461	4.0106%
1850	4.612080	0.216822	2.3254%
1849	4.507269	0.221864	2.7841%
1848	4.385182	0.228041	2.8590%
1847	4.263294	0.234560	2.9432%
1846	4.141406	0.241464	3.0324%
1845	4.019518	0.248786	3.1325%
1844	3.897431	0.256579	3.2284%
1843	3.775543	0.264863	3.3361%
1842	3.653655	0.273699	3.4512%
1841	3.531767	0.283144	3.8105%
1840	3.402129	0.293934	2.3861%
1839	3.322844	0.300947	2.5824%
1838	3.239195	0.308719	2.6573%
1837	3.155348	0.316922	2.7232%
1836	3.071699	0.325553	2.7994%
1835	2.988050	0.334666	2.8871%
1834	2.904202	0.344329	2.9657%
1833	2.820554	0.354540	3.0563%
1832	2.736905	0.365376	3.1604%
1831	2.653057	0.376924	3.4660%
1830	2.564183	0.389988	2.4653%
1829	2.502490	0.399602	2.6804%
1828	2.437164	0.410313	10.3427%
1827	2.208723	0.452750	-4.2314%
1826	2.306313	0.433592	2.9150%
1825	2.240988	0.446232	3.0026%
1824	2.175662	0.459630	3.0955%
1823	2.110337	0.473858	3.1944%
1822	2.045011	0.488995	3.3102%
1821	1.979486	0.505182	3.2277%
1820	1.917591	0.521488	2.6573%
1819	1.867955	0.535345	2.6261%
1818	1.820155	0.549404	2.6969%
1817	1.772356	0.564221	2.7717%
1816	1.724557	0.579859	2.8507%
1815	1.676758	0.596389	2.9343%
1814	1.628958	0.613889	3.0231%
1813	1.581159	0.632447	3.1039%
1812	1.533559	0.652078	3.2172%
1811	1.485760	0.673056	3.0969%
1810	1.441129	0.693900	2.9144%
1809	1.400319	0.714123	2.8225%
1808	1.361880	0.734279	2.9199%
1807	1.323242	0.755719	2.9918%
1806	1.284804	0.778329	3.0841%

1805	1.246365	0.802333	3.1822%
1804	1.207927	0.827865	3.2868%
1803	1.169488	0.855075	3.3985%
1802	1.131050	0.884135	3.5180%
1801	1.092611	0.915239	3.3999%
1800	1.056684	0.946356	2.8419%
1799	1.027485	0.973251	2.7485%
1798	1.000000	1.000000	2.8261%
1797	0.972515	1.028261	3.7832%
1796	0.937064	1.067163	2.1272%
1795	0.917546	1.089863	3.0879%
1794	0.890062	1.123518	3.1625%
1793	0.862776	1.159049	3.2904%
1792	0.835292	1.197186	3.4024%
1791	0.807807	1.237919	3.2296%
1790	0.782535	1.277899	41.3145%
1780	0.553754	1.805855	29.4353%
1770	0.427823	2.337414	83.4728%
1750	0.233181	4.288521	29.2845%
1740	0.180362	5.544390	94.2514%
1720	0.092850	10.770056	85.8111%
1700	0.049970	20.011957	19.2490%
1690	0.041904	23.864068	88.0250%
1670	0.022286	44.870420	

BASE YEAR: 1797

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	61.730565	0.016199	8.2857%
2001	57.007147	0.017542	1.0000%
2000	56.442714	0.017717	1.0000%
1999	55.883875	0.017894	1.0000%
1998	55.330569	0.018073	1.0000%
1997	54.782742	0.018254	1.0000%
1996	54.240339	0.018436	1.0000%
1995	53.703305	0.018621	0.9992%
1994	53.171999	0.018807	1.0008%
1993	52.645138	0.018995	1.0000%
1992	52.123899	0.019185	0.9295%
1991	51.643866	0.019363	1.2505%
1990	51.006028	0.019606	0.7224%
1989	50.640180	0.019747	1.1077%
1988	50.085398	0.019966	0.8834%
1987	49.646836	0.020142	0.5594%
1986	49.370674	0.020255	1.3056%
1985	48.734385	0.020519	0.7673%
1984	48.363301	0.020677	0.8149%
1983	47.972353	0.020845	0.9737%
1982	47.509728	0.021048	0.9508%
1981	47.062257	0.021248	0.9031%
1980	46.641057	0.021440	2.2701%
1979	45.605775	0.021927	1.0042%

1978	45.152365	0.022147	0.9896%
1977	44.709912	0.022366	0.9103%
1976	44.306574	0.022570	0.8394%
1975	43.937743	0.022759	0.9042%
1974	43.544030	0.022965	1.1568%
1973	43.046078	0.023231	0.9427%
1972	42.644071	0.023450	0.7426%
1971	42.329715	0.023624	1.4697%
1970	41.716591	0.023971	0.6968%
1969	41.427913	0.024138	0.8565%
1968	41.076080	0.024345	1.5090%
1967	40.465441	0.024712	0.9949%
1966	40.066813	0.024958	1.0575%
1965	39.647553	0.025222	1.1300%
1964	39.204536	0.025507	1.5537%
1963	38.604751	0.025904	1.4658%
1962	38.047051	0.026283	1.5364%
1961	37.471329	0.026687	2.1586%
1960	36.679550	0.027263	-1.6655%
1959	37.300788	0.026809	4.3080%
1958	35.760240	0.027964	2.1130%
1957	35.020274	0.028555	1.9895%
1956	34.337139	0.029123	2.1231%
1955	33.623285	0.029741	1.4496%
1954	33.142843	0.030172	2.1573%
1953	32.442965	0.030823	1.2298%
1952	32.048843	0.031202	1.6814%
1951	31.518892	0.031727	1.6233%
1950	31.015427	0.032242	1.4265%
1949	30.579203	0.032702	1.7790%
1948	30.044696	0.033284	1.8242%
1947	29.506451	0.033891	-2.6320%
1946	30.304065	0.032999	3.1768%
1945	29.371007	0.034047	6.4754%
1944	27.584777	0.036252	-0.3437%
1943	27.679907	0.036127	0.6562%
1942	27.499449	0.036364	0.6633%
1941	27.318247	0.036606	-5.6614%
1940	28.957664	0.034533	8.0381%
1939	26.803195	0.037309	0.8126%
1938	26.587139	0.037612	0.7762%
1937	26.382347	0.037904	0.6029%
1936	26.224247	0.038133	0.5244%
1935	26.087446	0.038333	-3.0364%
1934	26.904362	0.037169	4.6271%
1933	25.714520	0.038889	1.3921%
1932	25.361458	0.039430	-0.2051%
1931	25.413578	0.039349	0.8886%
1930	25.189742	0.039699	1.0126%
1929	24.937231	0.040101	1.1526%
1928	24.653082	0.040563	1.2160%
1927	24.356901	0.041056	1.4086%
1926	24.018580	0.041634	1.7667%

1925	23.601614	0.042370	1.4465%
1924	23.265083	0.042983	1.7700%
1923	22.860460	0.043744	1.6165%
1922	22.496795	0.044451	1.3736%
1921	22.191956	0.045061	2.3393%
1920	21.684684	0.046115	1.3140%
1919	21.403441	0.046721	0.7676%
1918	21.240390	0.047080	0.3870%
1917	21.158509	0.047262	1.3274%
1916	20.881323	0.047890	1.4083%
1915	20.591337	0.048564	1.4458%
1914	20.297870	0.049266	1.9424%
1913	19.911120	0.050223	1.9857%
1912	19.523449	0.051220	1.5634%
1911	19.222916	0.052021	1.8169%
1910	18.879884	0.052966	1.8781%
1909	18.531845	0.053961	2.0082%
1908	18.167008	0.055045	1.9603%
1907	17.817735	0.056124	1.8264%
1906	17.498157	0.057149	1.9357%
1905	17.165882	0.058255	2.0148%
1904	16.826848	0.059429	2.1335%
1903	16.475342	0.060697	1.8151%
1902	16.181622	0.061799	1.8943%
1901	15.880784	0.062969	3.0255%
1900	15.414421	0.064874	0.6278%
1899	15.318247	0.065282	1.7757%
1898	15.050993	0.066441	1.8078%
1897	14.783740	0.067642	1.8396%
1896	14.516691	0.068886	1.8755%
1895	14.249437	0.070178	1.9114%
1894	13.982183	0.071520	1.9486%
1893	13.714929	0.072913	1.9858%
1892	13.447880	0.074361	2.0276%
1891	13.180627	0.075869	2.6465%
1890	12.840793	0.077877	1.5328%
1889	12.646938	0.079071	2.0811%
1888	12.389105	0.080716	2.1599%
1887	12.127176	0.082459	2.2075%
1886	11.865247	0.084280	2.2592%
1885	11.603113	0.086184	2.3095%
1884	11.341184	0.088174	2.3641%
1883	11.079255	0.090259	2.4214%
1882	10.817325	0.092444	2.4815%
1881	10.555396	0.094738	3.7644%
1880	10.172464	0.098305	0.9432%
1879	10.077411	0.099232	2.1464%
1878	9.865656	0.101362	2.1913%
1877	9.654106	0.103583	2.2426%
1876	9.442351	0.105906	2.2941%
1875	9.230596	0.108335	2.3456%
1874	9.019046	0.110876	2.4043%
1873	8.807291	0.113542	2.4635%

1872	8.595536	0.116339	2.5258%
1871	8.383780	0.119278	5.9947%
1870	7.909624	0.126428	-1.0968%
1869	7.997338	0.125042	2.1930%
1868	7.825722	0.127784	2.2394%
1867	7.654311	0.130645	2.2935%
1866	7.482695	0.133642	2.3445%
1865	7.311284	0.136775	2.4037%
1864	7.139668	0.140063	2.4599%
1863	6.968257	0.143508	2.5250%
1862	6.796641	0.147131	2.5872%
1861	6.625230	0.150938	2.9504%
1860	6.435361	0.155391	2.4012%
1859	6.284456	0.159123	2.7627%
1858	6.115503	0.163519	2.8412%
1857	5.946549	0.168165	2.9243%
1856	5.777596	0.173082	3.0161%
1855	5.608437	0.178303	3.1061%
1854	5.439484	0.183841	3.2056%
1853	5.270530	0.189734	3.3118%
1852	5.101577	0.196018	3.4252%
1851	4.932623	0.202732	4.0106%
1850	4.742424	0.210863	2.3254%
1849	4.634651	0.215766	2.7841%
1848	4.509113	0.221773	2.8590%
1847	4.383780	0.228114	2.9432%
1846	4.258448	0.234827	3.0324%
1845	4.133115	0.241948	3.1325%
1844	4.007577	0.249527	3.2284%
1843	3.882245	0.257583	3.3361%
1842	3.756912	0.266176	3.4512%
1841	3.631579	0.275362	3.8105%
1840	3.498277	0.285855	2.3861%
1839	3.416752	0.292676	2.5824%
1838	3.330739	0.300234	2.6573%
1837	3.244522	0.308212	2.7232%
1836	3.158509	0.316605	2.7994%
1835	3.072496	0.325468	2.8871%
1834	2.986279	0.334865	2.9657%
1833	2.900266	0.344796	3.0563%
1832	2.814254	0.355334	3.1604%
1831	2.728036	0.366564	3.4660%
1830	2.636651	0.379269	2.4653%
1829	2.573213	0.388619	2.6804%
1828	2.506041	0.399036	10.3427%
1827	2.271145	0.440307	-4.2314%
1826	2.371493	0.421675	2.9150%
1825	2.304321	0.433967	3.0026%
1824	2.237149	0.446997	3.0955%
1823	2.169977	0.460834	3.1944%
1822	2.102806	0.475555	3.3102%
1821	2.035429	0.491297	3.2277%
1820	1.971785	0.507155	2.6573%

1819	1.920745	0.520631	2.6261%
1818	1.871595	0.534304	2.6969%
1817	1.822445	0.548713	2.7717%
1816	1.773295	0.563922	2.8507%
1815	1.724145	0.579998	2.9343%
1814	1.674995	0.597017	3.0231%
1813	1.625845	0.615065	3.1039%
1812	1.576899	0.634156	3.2172%
1811	1.527749	0.654558	3.0969%
1810	1.481857	0.674829	2.9144%
1809	1.439894	0.694496	2.8225%
1808	1.400369	0.714098	2.9199%
1807	1.360639	0.734949	2.9918%
1806	1.321114	0.756937	3.0841%
1805	1.281589	0.780281	3.1822%
1804	1.242064	0.805111	3.2868%
1803	1.202539	0.831574	3.3985%
1802	1.163015	0.859834	3.5180%
1801	1.123490	0.890084	3.3999%
1800	1.086548	0.920346	2.8419%
1799	1.056523	0.946501	2.7485%
1798	1.028261	0.972515	2.8261%
1797	1.000000	1.000000	3.7832%
1796	0.963547	1.037832	2.1272%
1795	0.943477	1.059909	3.0879%
1794	0.915216	1.092638	3.1625%
1793	0.887160	1.127193	3.2904%
1792	0.858898	1.164282	3.4024%
1791	0.830637	1.203895	3.2296%
1790	0.804650	1.242776	41.3145%
1780	0.569404	1.756222	29.4353%
1770	0.439914	2.273172	83.4728%
1750	0.239771	4.170653	29.2845%
1740	0.185460	5.392005	94.2514%
1720	0.095474	10.474045	85.8111%
1700	0.051382	19.461937	19.2490%
1690	0.043088	23.208175	88.0250%
1670	0.022916	43.637176	

BASE YEAR: 1796

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	64.065962	0.015609	8.2857%
2001	59.163847	0.016902	1.0000%
2000	58.578060	0.017071	1.0000%
1999	57.998079	0.017242	1.0000%
1998	57.423841	0.017414	1.0000%
1997	56.855288	0.017589	1.0000%
1996	56.292364	0.017764	1.0000%
1995	55.735014	0.017942	0.9992%
1994	55.183607	0.018121	1.0008%
1993	54.636814	0.018303	1.0000%

1992	54.095855	0.018486	0.9295%
1991	53.597662	0.018658	1.2505%
1990	52.935693	0.018891	0.7224%
1989	52.556004	0.019027	1.1077%
1988	51.980234	0.019238	0.8834%
1987	51.525080	0.019408	0.5594%
1986	51.238470	0.019517	1.3056%
1985	50.578108	0.019771	0.7673%
1984	50.192986	0.019923	0.8149%
1983	49.787248	0.020085	0.9737%
1982	49.307120	0.020281	0.9508%
1981	48.842721	0.020474	0.9031%
1980	48.405586	0.020659	2.2701%
1979	47.331137	0.021128	1.0042%
1978	46.860574	0.021340	0.9896%
1977	46.401382	0.021551	0.9103%
1976	45.982784	0.021747	0.8394%
1975	45.600000	0.021930	0.9042%
1974	45.191392	0.022128	1.1568%
1973	44.674601	0.022384	0.9427%
1972	44.257386	0.022595	0.7426%
1971	43.931137	0.022763	1.4697%
1970	43.294817	0.023097	0.6968%
1969	42.995218	0.023258	0.8565%
1968	42.630074	0.023458	1.5090%
1967	41.996334	0.023812	0.9949%
1966	41.582625	0.024049	1.0575%
1965	41.147503	0.024303	1.1300%
1964	40.687726	0.024577	1.5537%
1963	40.065250	0.024959	1.4658%
1962	39.486451	0.025325	1.5364%
1961	38.888948	0.025714	2.1586%
1960	38.067214	0.026269	-1.6655%
1959	38.711955	0.025832	4.3080%
1958	37.113124	0.026945	2.1130%
1957	36.345165	0.027514	1.9895%
1956	35.636185	0.028061	2.1231%
1955	34.895324	0.028657	1.4496%
1954	34.396706	0.029073	2.1573%
1953	33.670351	0.029700	1.2298%
1952	33.261318	0.030065	1.6814%
1951	32.711318	0.030570	1.6233%
1950	32.188806	0.031067	1.4265%
1949	31.736079	0.031510	1.7790%
1948	31.181350	0.032070	1.8242%
1947	30.622742	0.032655	-2.6320%
1946	31.450531	0.031796	3.1768%
1945	30.482173	0.032806	6.4754%
1944	28.628367	0.034930	-0.3437%
1943	28.727095	0.034810	0.6562%
1942	28.539811	0.035039	0.6633%
1941	28.351753	0.035271	-5.6614%
1940	30.053193	0.033274	8.0381%

1939	27.817216	0.035949	0.8126%
1938	27.592986	0.036241	0.7762%
1937	27.380446	0.036522	0.6029%
1936	27.216366	0.036743	0.5244%
1935	27.074389	0.036935	-3.0364%
1934	27.922210	0.035814	4.6271%
1933	26.687354	0.037471	1.3921%
1932	26.320935	0.037993	-0.2051%
1931	26.375027	0.037915	0.8886%
1930	26.142723	0.038252	1.0126%
1929	25.880659	0.038639	1.1526%
1928	25.585760	0.039084	1.2160%
1927	25.278374	0.039560	1.4086%
1926	24.927253	0.040117	1.7667%
1925	24.494512	0.040825	1.4465%
1924	24.145250	0.041416	1.7700%
1923	23.725319	0.042149	1.6165%
1922	23.347895	0.042830	1.3736%
1921	23.031524	0.043419	2.3393%
1920	22.505061	0.044434	1.3140%
1919	22.213177	0.045018	0.7676%
1918	22.043959	0.045364	0.3870%
1917	21.958980	0.045539	1.3274%
1916	21.671307	0.046144	1.4083%
1915	21.370351	0.046794	1.4458%
1914	21.065781	0.047470	1.9424%
1913	20.664400	0.048392	1.9857%
1912	20.262062	0.049353	1.5634%
1911	19.950159	0.050125	1.8169%
1910	19.594150	0.051036	1.8781%
1909	19.232944	0.051994	2.0082%
1908	18.854304	0.053038	1.9603%
1907	18.491817	0.054078	1.8264%
1906	18.160149	0.055066	1.9357%
1905	17.815303	0.056132	2.0148%
1904	17.463443	0.057262	2.1335%
1903	17.098639	0.058484	1.8151%
1902	16.793806	0.059546	1.8943%
1901	16.481588	0.060674	3.0255%
1900	15.997581	0.062509	0.6278%
1899	15.897768	0.062902	1.7757%
1898	15.620404	0.064019	1.8078%
1897	15.343039	0.065176	1.8396%
1896	15.065887	0.066375	1.8755%
1895	14.788523	0.067620	1.9114%
1894	14.511158	0.068912	1.9486%
1893	14.233794	0.070255	1.9858%
1892	13.956642	0.071650	2.0276%
1891	13.679277	0.073103	2.6465%
1890	13.326587	0.075038	1.5328%
1889	13.125399	0.076188	2.0811%
1888	12.857811	0.077774	2.1599%
1887	12.585972	0.079454	2.2075%

1886	12.314134	0.081207	2.2592%
1885	12.042083	0.083042	2.3095%
1884	11.770244	0.084960	2.3641%
1883	11.498406	0.086969	2.4214%
1882	11.226567	0.089074	2.4815%
1881	10.954729	0.091285	3.7644%
1880	10.557310	0.094721	0.9432%
1879	10.458661	0.095615	2.1464%
1878	10.238895	0.097667	2.1913%
1877	10.019341	0.099807	2.2426%
1876	9.799575	0.102045	2.2941%
1875	9.579809	0.104386	2.3456%
1874	9.360255	0.106835	2.4043%
1873	9.140489	0.109403	2.4635%
1872	8.920723	0.112099	2.5258%
1871	8.700956	0.114930	5.9947%
1870	8.208862	0.121820	-1.0968%
1869	8.299894	0.120483	2.1930%
1868	8.121785	0.123126	2.2394%
1867	7.943889	0.125883	2.2935%
1866	7.765781	0.128770	2.3445%
1865	7.587885	0.131789	2.4037%
1864	7.409777	0.134957	2.4599%
1863	7.231881	0.138277	2.5250%
1862	7.053773	0.141768	2.5872%
1861	6.875877	0.145436	2.9504%
1860	6.678824	0.149727	2.4012%
1859	6.522210	0.153322	2.7627%
1858	6.346865	0.157558	2.8412%
1857	6.171520	0.162035	2.9243%
1856	5.996174	0.166773	3.0161%
1855	5.820616	0.171803	3.1061%
1854	5.645271	0.177139	3.2056%
1853	5.469926	0.182818	3.3118%
1852	5.294580	0.188872	3.4252%
1851	5.119235	0.195342	4.0106%
1850	4.921839	0.203176	2.3254%
1849	4.809989	0.207901	2.7841%
1848	4.679702	0.213689	2.8590%
1847	4.549628	0.219798	2.9432%
1846	4.419554	0.226267	3.0324%
1845	4.289479	0.233129	3.1325%
1844	4.159192	0.240431	3.2284%
1843	4.029118	0.248193	3.3361%
1842	3.899044	0.256473	3.4512%
1841	3.768969	0.265325	3.8105%
1840	3.630625	0.275435	2.3861%
1839	3.546015	0.282007	2.5824%
1838	3.456748	0.289289	2.6573%
1837	3.367269	0.296977	2.7232%
1836	3.278002	0.305064	2.7994%
1835	3.188735	0.313604	2.8871%
1834	3.099256	0.322658	2.9657%

1833	3.009989	0.332227	3.0563%
1832	2.920723	0.342381	3.1604%
1831	2.831243	0.353202	3.4660%
1830	2.736401	0.365444	2.4653%
1829	2.670563	0.374453	2.6804%
1828	2.600850	0.384490	10.3427%
1827	2.357067	0.424256	-4.2314%
1826	2.461211	0.406304	2.9150%
1825	2.391498	0.418148	3.0026%
1824	2.321785	0.430703	3.0955%
1823	2.252072	0.444035	3.1944%
1822	2.182359	0.458220	3.3102%
1821	2.112434	0.473388	3.2277%
1820	2.046382	0.488667	2.6573%
1819	1.993411	0.501653	2.6261%
1818	1.942402	0.514827	2.6969%
1817	1.891392	0.528711	2.7717%
1816	1.840383	0.543365	2.8507%
1815	1.789373	0.558855	2.9343%
1814	1.738363	0.575254	3.0231%
1813	1.687354	0.592644	3.1039%
1812	1.636557	0.611039	3.2172%
1811	1.585547	0.630697	3.0969%
1810	1.537919	0.650229	2.9144%
1809	1.494368	0.669179	2.8225%
1808	1.453348	0.688067	2.9199%
1807	1.412115	0.708158	2.9918%
1806	1.371095	0.729344	3.0841%
1805	1.330074	0.751838	3.1822%
1804	1.289054	0.775763	3.2868%
1803	1.248034	0.801260	3.3985%
1802	1.207014	0.828491	3.5180%
1801	1.165994	0.857638	3.3999%
1800	1.127654	0.886797	2.8419%
1799	1.096493	0.911998	2.7485%
1798	1.067163	0.937064	2.8261%
1797	1.037832	0.963547	3.7832%
1796	1.000000	1.000000	2.1272%
1795	0.979171	1.021272	3.0879%
1794	0.949841	1.052808	3.1625%
1793	0.920723	1.086103	3.2904%
1792	0.891392	1.121841	3.4024%
1791	0.862062	1.160010	3.2296%
1790	0.835092	1.197473	41.3145%
1780	0.590946	1.692203	29.4353%
1770	0.456557	2.190308	83.4728%
1750	0.248842	4.018620	29.2845%
1740	0.192476	5.195451	94.2514%
1720	0.099086	10.092235	85.8111%
1700	0.053326	18.752491	19.2490%
1690	0.044718	22.362167	88.0250%
1670	0.023783	42.046470	

BASE YEAR: 1795

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	65.428771	0.015284	8.2857%
2001	60.422379	0.016550	1.0000%
2000	59.824131	0.016716	1.0000%
1999	59.231813	0.016883	1.0000%
1998	58.645359	0.017052	1.0000%
1997	58.064712	0.017222	1.0000%
1996	57.489814	0.017394	1.0000%
1995	56.920608	0.017568	0.9992%
1994	56.357472	0.017744	1.0008%
1993	55.799047	0.017921	1.0000%
1992	55.246581	0.018101	0.9295%
1991	54.737790	0.018269	1.2505%
1990	54.061740	0.018497	0.7224%
1989	53.673974	0.018631	1.1077%
1988	53.085956	0.018837	0.8834%
1987	52.621120	0.019004	0.5594%
1986	52.328413	0.019110	1.3056%
1985	51.654005	0.019360	0.7673%
1984	51.260690	0.019508	0.8149%
1983	50.846321	0.019667	0.9737%
1982	50.355980	0.019859	0.9508%
1981	49.881702	0.020047	0.9031%
1980	49.435269	0.020228	2.2701%
1979	48.337964	0.020688	1.0042%
1978	47.857391	0.020895	0.9896%
1977	47.388431	0.021102	0.9103%
1976	46.960929	0.021294	0.8394%
1975	46.570002	0.021473	0.9042%
1974	46.152702	0.021667	1.1568%
1973	45.624919	0.021918	0.9427%
1972	45.198828	0.022124	0.7426%
1971	44.865639	0.022289	1.4697%
1970	44.215783	0.022616	0.6968%
1969	43.909811	0.022774	0.8565%
1968	43.536900	0.022969	1.5090%
1967	42.889679	0.023316	0.9949%
1966	42.467170	0.023548	1.0575%
1965	42.022791	0.023797	1.1300%
1964	41.553234	0.024066	1.5537%
1963	40.917517	0.024439	1.4658%
1962	40.326405	0.024798	1.5364%
1961	39.716193	0.025179	2.1586%
1960	38.876979	0.025722	-1.6655%
1959	39.535435	0.025294	4.3080%
1958	37.902594	0.026383	2.1130%
1957	37.118298	0.026941	1.9895%
1956	36.394237	0.027477	2.1231%
1955	35.637617	0.028060	1.4496%
1954	35.128392	0.028467	2.1573%

1953	34.386586	0.029081	1.2298%
1952	33.968852	0.029439	1.6814%
1951	33.407152	0.029934	1.6233%
1950	32.873525	0.030420	1.4265%
1949	32.411168	0.030854	1.7790%
1948	31.844639	0.031402	1.8242%
1947	31.274148	0.031975	-2.6320%
1946	32.119546	0.031134	3.1768%
1945	31.130589	0.032123	6.4754%
1944	29.237349	0.034203	-0.3437%
1943	29.338178	0.034085	0.6562%
1942	29.146909	0.034309	0.6633%
1941	28.954851	0.034537	-5.6614%
1940	30.692484	0.032581	8.0381%
1939	28.408943	0.035200	0.8126%
1938	28.179944	0.035486	0.7762%
1937	27.962883	0.035762	0.6029%
1936	27.795311	0.035977	0.5244%
1935	27.650315	0.036166	-3.0364%
1934	28.516171	0.035068	4.6271%
1933	27.255047	0.036690	1.3921%
1932	26.880834	0.037201	-0.2051%
1931	26.936076	0.037125	0.8886%
1930	26.698830	0.037455	1.0126%
1929	26.431192	0.037834	1.1526%
1928	26.130020	0.038270	1.2160%
1927	25.816095	0.038736	1.4086%
1926	25.457505	0.039281	1.7667%
1925	25.015559	0.039975	1.4465%
1924	24.658867	0.040553	1.7700%
1923	24.230003	0.041271	1.6165%
1922	23.844551	0.041938	1.3736%
1921	23.521450	0.042514	2.3393%
1920	22.983788	0.043509	1.3140%
1919	22.685696	0.044081	0.7676%
1918	22.512877	0.044419	0.3870%
1917	22.426091	0.044591	1.3274%
1916	22.132299	0.045183	1.4083%
1915	21.824940	0.045819	1.4458%
1914	21.513892	0.046482	1.9424%
1913	21.103972	0.047384	1.9857%
1912	20.693076	0.048325	1.5634%
1911	20.374539	0.049081	1.8169%
1910	20.010956	0.049973	1.8781%
1909	19.642066	0.050911	2.0082%
1908	19.255372	0.051934	1.9603%
1907	18.885175	0.052952	1.8264%
1906	18.546451	0.053919	1.9357%
1905	18.194270	0.054962	2.0148%
1904	17.834925	0.056070	2.1335%
1903	17.462361	0.057266	1.8151%
1902	17.151044	0.058305	1.8943%
1901	16.832184	0.059410	3.0255%

1900	16.337881	0.061207	0.6278%
1899	16.235945	0.061592	1.7757%
1898	15.952681	0.062685	1.8078%
1897	15.669416	0.063819	1.8396%
1896	15.386369	0.064993	1.8755%
1895	15.103104	0.066212	1.9114%
1894	14.819839	0.067477	1.9486%
1893	14.536575	0.068792	1.9858%
1892	14.253527	0.070158	2.0276%
1891	13.970263	0.071581	2.6465%
1890	13.610070	0.073475	1.5328%
1889	13.404602	0.074601	2.0811%
1888	13.131322	0.076154	2.1599%
1887	12.853701	0.077799	2.2075%
1886	12.576080	0.079516	2.2592%
1885	12.298242	0.081312	2.3095%
1884	12.020621	0.083190	2.3641%
1883	11.743000	0.085157	2.4214%
1882	11.465379	0.087219	2.4815%
1881	11.187758	0.089383	3.7644%
1880	10.781885	0.092748	0.9432%
1879	10.681137	0.093623	2.1464%
1878	10.456696	0.095632	2.1913%
1877	10.232472	0.097728	2.2426%
1876	10.008031	0.099920	2.2941%
1875	9.783590	0.102212	2.3456%
1874	9.559366	0.104609	2.4043%
1873	9.334925	0.107125	2.4635%
1872	9.110484	0.109764	2.5258%
1871	8.886043	0.112536	5.9947%
1870	8.383481	0.119282	-1.0968%
1869	8.476449	0.117974	2.1930%
1868	8.294552	0.120561	2.2394%
1867	8.112872	0.123261	2.2935%
1866	7.930975	0.126088	2.3445%
1865	7.749295	0.129044	2.4037%
1864	7.567397	0.132146	2.4599%
1863	7.385717	0.135396	2.5250%
1862	7.203820	0.138815	2.5872%
1861	7.022140	0.142407	2.9504%
1860	6.820896	0.146608	2.4012%
1859	6.660951	0.150129	2.7627%
1858	6.481875	0.154276	2.8412%
1857	6.302800	0.158660	2.9243%
1856	6.123725	0.163299	3.0161%
1855	5.944432	0.168225	3.1061%
1854	5.765357	0.173450	3.2056%
1853	5.586282	0.179010	3.3118%
1852	5.407206	0.184938	3.4252%
1851	5.228131	0.191273	4.0106%
1850	5.026537	0.198944	2.3254%
1849	4.912307	0.203570	2.7841%
1848	4.779249	0.209238	2.8590%

1847	4.646408	0.215220	2.9432%
1846	4.513566	0.221554	3.0324%
1845	4.380725	0.228273	3.1325%
1844	4.247667	0.235423	3.2284%
1843	4.114825	0.243024	3.3361%
1842	3.981984	0.251131	3.4512%
1841	3.849143	0.259798	3.8105%
1840	3.707855	0.269698	2.3861%
1839	3.621446	0.276133	2.5824%
1838	3.530280	0.283264	2.6573%
1837	3.438897	0.290791	2.7232%
1836	3.347732	0.298710	2.7994%
1835	3.256566	0.307072	2.8871%
1834	3.165183	0.315937	2.9657%
1833	3.074018	0.325307	3.0563%
1832	2.982852	0.335250	3.1604%
1831	2.891470	0.345845	3.4660%
1830	2.794609	0.357832	2.4653%
1829	2.727371	0.366653	2.6804%
1828	2.656175	0.376481	10.3427%
1827	2.407206	0.415419	-4.2314%
1826	2.513566	0.397841	2.9150%
1825	2.442370	0.409438	3.0026%
1824	2.371174	0.421732	3.0955%
1823	2.299978	0.434787	3.1944%
1822	2.228782	0.448675	3.3102%
1821	2.157369	0.463528	3.2277%
1820	2.089912	0.478489	2.6573%
1819	2.035815	0.491204	2.6261%
1818	1.983720	0.504103	2.6969%
1817	1.931626	0.517699	2.7717%
1816	1.879531	0.532048	2.8507%
1815	1.827437	0.547215	2.9343%
1814	1.775342	0.563272	3.0231%
1813	1.723247	0.580300	3.1039%
1812	1.671370	0.598312	3.2172%
1811	1.619275	0.617560	3.0969%
1810	1.570634	0.636686	2.9144%
1809	1.526156	0.655241	2.8225%
1808	1.484263	0.673735	2.9199%
1807	1.442153	0.693408	2.9918%
1806	1.400260	0.714153	3.0841%
1805	1.358368	0.736178	3.1822%
1804	1.316475	0.759604	3.2868%
1803	1.274582	0.784571	3.3985%
1802	1.232689	0.811234	3.5180%
1801	1.190797	0.839774	3.3999%
1800	1.151641	0.868326	2.8419%
1799	1.119818	0.893003	2.7485%
1798	1.089863	0.917546	2.8261%
1797	1.059909	0.943477	3.7832%
1796	1.021272	0.979171	2.1272%
1795	1.000000	1.000000	3.0879%

1794	0.970046	1.030879	3.1625%
1793	0.940308	1.063481	3.2904%
1792	0.910354	1.098474	3.4024%
1791	0.880399	1.135848	3.2296%
1790	0.852856	1.172531	41.3145%
1780	0.603516	1.656956	29.4353%
1770	0.466269	2.144686	83.4728%
1750	0.254135	3.934916	29.2845%
1740	0.196570	5.087235	94.2514%
1720	0.101194	9.882025	85.8111%
1700	0.054461	18.361897	19.2490%
1690	0.045670	21.896388	88.0250%
1670	0.024289	41.170688	

BASE YEAR: 1794

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	67.449172	0.014826	8.2857%
2001	62.288185	0.016054	1.0000%
2000	61.671464	0.016215	1.0000%
1999	61.060855	0.016377	1.0000%
1998	60.456292	0.016541	1.0000%
1997	59.857715	0.016706	1.0000%
1996	59.265064	0.016873	1.0000%
1995	58.678281	0.017042	0.9992%
1994	58.097756	0.017212	1.0008%
1993	57.522088	0.017385	1.0000%
1992	56.952562	0.017558	0.9295%
1991	56.428060	0.017722	1.2505%
1990	55.731134	0.017943	0.7224%
1989	55.331394	0.018073	1.1077%
1988	54.725218	0.018273	0.8834%
1987	54.246028	0.018435	0.5594%
1986	53.944283	0.018538	1.3056%
1985	53.249049	0.018780	0.7673%
1984	52.843589	0.018924	0.8149%
1983	52.416424	0.019078	0.9737%
1982	51.910942	0.019264	0.9508%
1981	51.422018	0.019447	0.9031%
1980	50.961800	0.019623	2.2701%
1979	49.830611	0.020068	1.0042%
1978	49.335198	0.020270	0.9896%
1977	48.851757	0.020470	0.9103%
1976	48.411054	0.020656	0.8394%
1975	48.008055	0.020830	0.9042%
1974	47.577870	0.021018	1.1568%
1973	47.033788	0.021261	0.9427%
1972	46.594540	0.021462	0.7426%
1971	46.251063	0.021621	1.4697%
1970	45.581140	0.021939	0.6968%
1969	45.265719	0.022092	0.8565%
1968	44.881293	0.022281	1.5090%

1967	44.214086	0.022617	0.9949%
1966	43.778530	0.022842	1.0575%
1965	43.320430	0.023084	1.1300%
1964	42.836373	0.023345	1.5537%
1963	42.181025	0.023707	1.4658%
1962	41.571660	0.024055	1.5364%
1961	40.942605	0.024424	2.1586%
1960	40.077476	0.024952	-1.6655%
1959	40.756265	0.024536	4.3080%
1958	39.073003	0.025593	2.1130%
1957	38.264489	0.026134	1.9895%
1956	37.518069	0.026654	2.1231%
1955	36.738085	0.027220	1.4496%
1954	36.213135	0.027614	2.1573%
1953	35.448422	0.028210	1.2298%
1952	35.017789	0.028557	1.6814%
1951	34.438745	0.029037	1.6233%
1950	33.888640	0.029508	1.4265%
1949	33.412005	0.029929	1.7790%
1948	32.827982	0.030462	1.8242%
1947	32.239875	0.031017	-2.6320%
1946	33.111378	0.030201	3.1768%
1945	32.091883	0.031161	6.4754%
1944	30.140181	0.033178	-0.3437%
1943	30.244123	0.033064	0.6562%
1942	30.046948	0.033281	0.6633%
1941	29.848959	0.033502	-5.6614%
1940	31.640249	0.031605	8.0381%
1939	29.286194	0.034146	0.8126%
1938	29.050123	0.034423	0.7762%
1937	28.826359	0.034690	0.6029%
1936	28.653614	0.034900	0.5244%
1935	28.504140	0.035083	-3.0364%
1934	29.396733	0.034017	4.6271%
1933	28.096666	0.035591	1.3921%
1932	27.710897	0.036087	-0.2051%
1931	27.767845	0.036013	0.8886%
1930	27.523274	0.036333	1.0126%
1929	27.247371	0.036701	1.1526%
1928	26.936899	0.037124	1.2160%
1927	26.613280	0.037575	1.4086%
1926	26.243618	0.038105	1.7667%
1925	25.788024	0.038778	1.4465%
1924	25.420318	0.039339	1.7700%
1923	24.978211	0.040035	1.6165%
1922	24.580857	0.040682	1.3736%
1921	24.247778	0.041241	2.3393%
1920	23.693513	0.042206	1.3140%
1919	23.386216	0.042760	0.7676%
1918	23.208061	0.043088	0.3870%
1917	23.118595	0.043255	1.3274%
1916	22.815731	0.043829	1.4083%
1915	22.498881	0.044447	1.4458%

1914	22.178228	0.045089	1.9424%
1913	21.755650	0.045965	1.9857%
1912	21.332065	0.046878	1.5634%
1911	21.003692	0.047611	1.8169%
1910	20.628883	0.048476	1.8781%
1909	20.248601	0.049386	2.0082%
1908	19.849966	0.050378	1.9603%
1907	19.468337	0.051365	1.8264%
1906	19.119154	0.052304	1.9357%
1905	18.756098	0.053316	2.0148%
1904	18.385657	0.054390	2.1335%
1903	18.001588	0.055551	1.8151%
1902	17.680658	0.056559	1.8943%
1901	17.351951	0.057630	3.0255%
1900	16.842385	0.059374	0.6278%
1899	16.737301	0.059747	1.7757%
1898	16.445290	0.060808	1.8078%
1897	16.153278	0.061907	1.8396%
1896	15.861490	0.063046	1.8755%
1895	15.569479	0.064228	1.9114%
1894	15.277467	0.065456	1.9486%
1893	14.985455	0.066731	1.9858%
1892	14.693667	0.068057	2.0276%
1891	14.401656	0.069436	2.6465%
1890	14.030341	0.071274	1.5328%
1889	13.818528	0.072367	2.0811%
1888	13.536809	0.073873	2.1599%
1887	13.250615	0.075468	2.2075%
1886	12.964422	0.077134	2.2592%
1885	12.678004	0.078877	2.3095%
1884	12.391810	0.080698	2.3641%
1883	12.105616	0.082606	2.4214%
1882	11.819423	0.084607	2.4815%
1881	11.533229	0.086706	3.7644%
1880	11.114823	0.089970	0.9432%
1879	11.010964	0.090819	2.1464%
1878	10.779593	0.092768	2.1913%
1877	10.548445	0.094801	2.2426%
1876	10.317073	0.096927	2.2941%
1875	10.085701	0.099150	2.3456%
1874	9.854554	0.101476	2.4043%
1873	9.623182	0.103916	2.4635%
1872	9.391810	0.106476	2.5258%
1871	9.160439	0.109165	5.9947%
1870	8.642357	0.115709	-1.0968%
1869	8.738196	0.114440	2.1930%
1868	8.550682	0.116950	2.2394%
1867	8.363392	0.119569	2.2935%
1866	8.175878	0.122311	2.3445%
1865	7.988588	0.125179	2.4037%
1864	7.801074	0.128187	2.4599%
1863	7.613784	0.131341	2.5250%
1862	7.426270	0.134657	2.5872%

1861	7.238980	0.138141	2.9504%
1860	7.031521	0.142217	2.4012%
1859	6.866637	0.145632	2.7627%
1858	6.682032	0.149655	2.8412%
1857	6.497427	0.153907	2.9243%
1856	6.312822	0.158408	3.0161%
1855	6.127993	0.163186	3.1061%
1854	5.943388	0.168254	3.2056%
1853	5.758783	0.173648	3.3118%
1852	5.574178	0.179399	3.4252%
1851	5.389573	0.185543	4.0106%
1850	5.181753	0.192985	2.3254%
1849	5.063996	0.197472	2.7841%
1848	4.926829	0.202970	2.8590%
1847	4.789886	0.208773	2.9432%
1846	4.652942	0.214918	3.0324%
1845	4.515999	0.221435	3.1325%
1844	4.378832	0.228371	3.2284%
1843	4.241889	0.235744	3.3361%
1842	4.104945	0.243609	3.4512%
1841	3.968002	0.252016	3.8105%
1840	3.822352	0.261619	2.3861%
1839	3.733274	0.267861	2.5824%
1838	3.639293	0.274779	2.6573%
1837	3.545088	0.282080	2.7232%
1836	3.451108	0.289762	2.7994%
1835	3.357127	0.297874	2.8871%
1834	3.262922	0.306474	2.9657%
1833	3.168942	0.315563	3.0563%
1832	3.074961	0.325207	3.1604%
1831	2.980756	0.335485	3.4660%
1830	2.880905	0.347113	2.4653%
1829	2.811591	0.355671	2.6804%
1828	2.738196	0.365204	10.3427%
1827	2.481539	0.402976	-4.2314%
1826	2.591184	0.385924	2.9150%
1825	2.517789	0.397174	3.0026%
1824	2.444395	0.409099	3.0955%
1823	2.371000	0.421763	3.1944%
1822	2.297606	0.435236	3.3102%
1821	2.223987	0.449643	3.2277%
1820	2.154448	0.464156	2.6573%
1819	2.098680	0.476490	2.6261%
1818	2.044977	0.489003	2.6969%
1817	1.991273	0.502191	2.7717%
1816	1.937570	0.516110	2.8507%
1815	1.883867	0.530823	2.9343%
1814	1.830163	0.546399	3.0231%
1813	1.776460	0.562917	3.1039%
1812	1.722981	0.580390	3.2172%
1811	1.669277	0.599062	3.0969%
1810	1.619134	0.617614	2.9144%
1809	1.573283	0.635614	2.8225%

1808	1.530096	0.653554	2.9199%
1807	1.486686	0.672637	2.9918%
1806	1.443500	0.692761	3.0841%
1805	1.400313	0.714126	3.1822%
1804	1.357127	0.736851	3.2868%
1803	1.313940	0.761069	3.3985%
1802	1.270754	0.786934	3.5180%
1801	1.227568	0.814619	3.3999%
1800	1.187203	0.842316	2.8419%
1799	1.154397	0.866253	2.7485%
1798	1.123518	0.890062	2.8261%
1797	1.092638	0.915216	3.7832%
1796	1.052808	0.949841	2.1272%
1795	1.030879	0.970046	3.0879%
1794	1.000000	1.000000	3.1625%
1793	0.969344	1.031625	3.2904%
1792	0.938465	1.065570	3.4024%
1791	0.907586	1.101824	3.2296%
1790	0.879192	1.137409	41.3145%
1780	0.622153	1.607323	29.4353%
1770	0.480667	2.080443	83.4728%
1750	0.261983	3.817048	29.2845%
1740	0.202640	4.934850	94.2514%
1720	0.104319	9.586015	85.8111%
1700	0.056142	17.811877	19.2490%
1690	0.047080	21.240494	88.0250%
1670	0.025039	39.937444	

BASE YEAR: 1793

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	69.582260	0.014371	8.2857%
2001	64.258056	0.015562	1.0000%
2000	63.621831	0.015718	1.0000%
1999	62.991912	0.015875	1.0000%
1998	62.368229	0.016034	1.0000%
1997	61.750722	0.016194	1.0000%
1996	61.139329	0.016356	1.0000%
1995	60.533989	0.016520	0.9992%
1994	59.935104	0.016685	1.0008%
1993	59.341230	0.016852	1.0000%
1992	58.753693	0.017020	0.9295%
1991	58.212604	0.017178	1.2505%
1990	57.493637	0.017393	0.7224%
1989	57.081256	0.017519	1.1077%
1988	56.455910	0.017713	0.8834%
1987	55.961565	0.017869	0.5594%
1986	55.650277	0.017969	1.3056%
1985	54.933056	0.018204	0.7673%
1984	54.514774	0.018344	0.8149%
1983	54.074100	0.018493	0.9737%
1982	53.552632	0.018673	0.9508%

1981	53.048246	0.018851	0.9031%
1980	52.573473	0.019021	2.2701%
1979	51.406510	0.019453	1.0042%
1978	50.895429	0.019648	0.9896%
1977	50.396699	0.019843	0.9103%
1976	49.942059	0.020023	0.8394%
1975	49.526316	0.020191	0.9042%
1974	49.082525	0.020374	1.1568%
1973	48.521237	0.020610	0.9427%
1972	48.068098	0.020804	0.7426%
1971	47.713758	0.020958	1.4697%
1970	47.022649	0.021266	0.6968%
1969	46.697253	0.021415	0.8565%
1968	46.300669	0.021598	1.5090%
1967	45.612361	0.021924	0.9949%
1966	45.163031	0.022142	1.0575%
1965	44.690443	0.022376	1.1300%
1964	44.191078	0.022629	1.5537%
1963	43.515005	0.022981	1.4658%
1962	42.886369	0.023317	1.5364%
1961	42.237419	0.023676	2.1586%
1960	41.344931	0.024187	-1.6655%
1959	42.045187	0.023784	4.3080%
1958	40.308691	0.024809	2.1130%
1957	39.474608	0.025333	1.9895%
1956	38.704582	0.025837	2.1231%
1955	37.899931	0.026385	1.4496%
1954	37.358380	0.026768	2.1573%
1953	36.569483	0.027345	1.2298%
1952	36.125231	0.027681	1.6814%
1951	35.527874	0.028147	1.6233%
1950	34.960372	0.028604	1.4265%
1949	34.468663	0.029012	1.7790%
1948	33.866170	0.029528	1.8242%
1947	33.259464	0.030067	-2.6320%
1946	34.158530	0.029275	3.1768%
1945	33.106792	0.030205	6.4754%
1944	31.093367	0.032161	-0.3437%
1943	31.200596	0.032051	0.6562%
1942	30.997186	0.032261	0.6633%
1941	30.792936	0.032475	-5.6614%
1940	32.640876	0.030636	8.0381%
1939	30.212373	0.033099	0.8126%
1938	29.968837	0.033368	0.7762%
1937	29.737996	0.033627	0.6029%
1936	29.559788	0.033830	0.5244%
1935	29.405586	0.034007	-3.0364%
1934	30.326408	0.032975	4.6271%
1933	28.985226	0.034500	1.3921%
1932	28.587258	0.034981	-0.2051%
1931	28.646006	0.034909	0.8886%
1930	28.393701	0.035219	1.0126%
1929	28.109072	0.035576	1.1526%

1928	27.788781	0.035986	1.2160%
1927	27.454928	0.036423	1.4086%
1926	27.073575	0.036936	1.7667%
1925	26.603573	0.037589	1.4465%
1924	26.224239	0.038133	1.7700%
1923	25.768150	0.038808	1.6165%
1922	25.358229	0.039435	1.3736%
1921	25.014617	0.039977	2.3393%
1920	24.442823	0.040912	1.3140%
1919	24.125808	0.041449	0.7676%
1918	23.942019	0.041768	0.3870%
1917	23.849723	0.041929	1.3274%
1916	23.537281	0.042486	1.4083%
1915	23.210411	0.043084	1.4458%
1914	22.879617	0.043707	1.9424%
1913	22.443675	0.044556	1.9857%
1912	22.006694	0.045441	1.5634%
1911	21.667936	0.046151	1.8169%
1910	21.281273	0.046990	1.8781%
1909	20.888966	0.047872	2.0082%
1908	20.477724	0.048834	1.9603%
1907	20.084026	0.049791	1.8264%
1906	19.723800	0.050700	1.9357%
1905	19.349261	0.051682	2.0148%
1904	18.967105	0.052723	2.1335%
1903	18.570890	0.053848	1.8151%
1902	18.239810	0.054825	1.8943%
1901	17.900709	0.055864	3.0255%
1900	17.375027	0.057554	0.6278%
1899	17.266620	0.057915	1.7757%
1898	16.965374	0.058944	1.8078%
1897	16.664127	0.060009	1.8396%
1896	16.363112	0.061113	1.8755%
1895	16.061865	0.062259	1.9114%
1894	15.760619	0.063449	1.9486%
1893	15.459372	0.064686	1.9858%
1892	15.158356	0.065970	2.0276%
1891	14.857110	0.067308	2.6465%
1890	14.474052	0.069089	1.5328%
1889	14.255540	0.070148	2.0811%
1888	13.964912	0.071608	2.1599%
1887	13.669668	0.073155	2.2075%
1886	13.374423	0.074770	2.2592%
1885	13.078947	0.076459	2.3095%
1884	12.783703	0.078225	2.3641%
1883	12.488458	0.080074	2.4214%
1882	12.193213	0.082013	2.4815%
1881	11.897969	0.084048	3.7644%
1880	11.466331	0.087212	0.9432%
1879	11.359187	0.088034	2.1464%
1878	11.120499	0.089924	2.1913%
1877	10.882041	0.091895	2.2426%
1876	10.643352	0.093955	2.2941%

1875	10.404663	0.096111	2.3456%
1874	10.166205	0.098365	2.4043%
1873	9.927516	0.100730	2.4635%
1872	9.688827	0.103212	2.5258%
1871	9.450139	0.105819	5.9947%
1870	8.915673	0.112162	-1.0968%
1869	9.014543	0.110932	2.1930%
1868	8.821099	0.113365	2.2394%
1867	8.627886	0.115903	2.2935%
1866	8.434441	0.118561	2.3445%
1865	8.241228	0.121341	2.4037%
1864	8.047784	0.124258	2.4599%
1863	7.854571	0.127314	2.5250%
1862	7.661127	0.130529	2.5872%
1861	7.467913	0.133906	2.9504%
1860	7.253894	0.137857	2.4012%
1859	7.083795	0.141167	2.7627%
1858	6.893352	0.145067	2.8412%
1857	6.702909	0.149189	2.9243%
1856	6.512465	0.153552	3.0161%
1855	6.321791	0.158183	3.1061%
1854	6.131348	0.163096	3.2056%
1853	5.940905	0.168325	3.3118%
1852	5.750462	0.173899	3.4252%
1851	5.560018	0.179856	4.0106%
1850	5.345627	0.187069	2.3254%
1849	5.224146	0.191419	2.7841%
1848	5.082641	0.196748	2.8590%
1847	4.941367	0.202373	2.9432%
1846	4.800092	0.208329	3.0324%
1845	4.658818	0.214647	3.1325%
1844	4.517313	0.221371	3.2284%
1843	4.376039	0.228517	3.3361%
1842	4.234765	0.236141	3.4512%
1841	4.093490	0.244290	3.8105%
1840	3.943234	0.253599	2.3861%
1839	3.851339	0.259650	2.5824%
1838	3.754386	0.266355	2.6573%
1837	3.657202	0.273433	2.7232%
1836	3.560249	0.280879	2.7994%
1835	3.463296	0.288742	2.8871%
1834	3.366113	0.297079	2.9657%
1833	3.269160	0.305889	3.0563%
1832	3.172207	0.315238	3.1604%
1831	3.075023	0.325201	3.4660%
1830	2.972014	0.336472	2.4653%
1829	2.900508	0.344767	2.6804%
1828	2.824792	0.354008	10.3427%
1827	2.560018	0.390622	-4.2314%
1826	2.673130	0.374093	2.9150%
1825	2.597415	0.384998	3.0026%
1824	2.521699	0.396558	3.0955%
1823	2.445983	0.408834	3.1944%

1822	2.370268	0.421893	3.3102%
1821	2.294321	0.435859	3.2277%
1820	2.222582	0.449927	2.6573%
1819	2.165051	0.461883	2.6261%
1818	2.109649	0.474012	2.6969%
1817	2.054247	0.486796	2.7717%
1816	1.998846	0.500289	2.8507%
1815	1.943444	0.514550	2.9343%
1814	1.888042	0.529649	3.0231%
1813	1.832641	0.545661	3.1039%
1812	1.777470	0.562597	3.2172%
1811	1.722068	0.580697	3.0969%
1810	1.670339	0.598681	2.9144%
1809	1.623038	0.616129	2.8225%
1808	1.578486	0.633519	2.9199%
1807	1.533703	0.652017	2.9918%
1806	1.489151	0.671524	3.0841%
1805	1.444598	0.692234	3.1822%
1804	1.400046	0.714262	3.2868%
1803	1.355494	0.737738	3.3985%
1802	1.310942	0.762810	3.5180%
1801	1.266390	0.789646	3.3999%
1800	1.224749	0.816494	2.8419%
1799	1.190905	0.839698	2.7485%
1798	1.159049	0.862776	2.8261%
1797	1.127193	0.887160	3.7832%
1796	1.086103	0.920723	2.1272%
1795	1.063481	0.940308	3.0879%
1794	1.031625	0.969344	3.1625%
1793	1.000000	1.000000	3.2904%
1792	0.968144	1.032904	3.4024%
1791	0.936288	1.068047	3.2296%
1790	0.906996	1.102541	41.3145%
1780	0.641828	1.558049	29.4353%
1770	0.495868	2.016666	83.4728%
1750	0.270268	3.700034	29.2845%
1740	0.209049	4.783569	94.2514%
1720	0.107618	9.292149	85.8111%
1700	0.057918	17.265843	19.2490%
1690	0.048569	20.589354	88.0250%
1670	0.025831	38.713137	

BASE YEAR: 1792

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	71.871805	0.013914	8.2857%
2001	66.372413	0.015067	1.0000%
2000	65.715253	0.015217	1.0000%
1999	65.064607	0.015369	1.0000%
1998	64.420403	0.015523	1.0000%
1997	63.782577	0.015678	1.0000%
1996	63.151067	0.015835	1.0000%

1995	62.525808	0.015993	0.9992%
1994	61.907218	0.016153	1.0008%
1993	61.293803	0.016315	1.0000%
1992	60.686934	0.016478	0.9295%
1991	60.128040	0.016631	1.2505%
1990	59.385416	0.016839	0.7224%
1989	58.959466	0.016961	1.1077%
1988	58.313543	0.017149	0.8834%
1987	57.802933	0.017300	0.5594%
1986	57.481402	0.017397	1.3056%
1985	56.740582	0.017624	0.7673%
1984	56.308536	0.017759	0.8149%
1983	55.853362	0.017904	0.9737%
1982	55.314735	0.018078	0.9508%
1981	54.793753	0.018250	0.9031%
1980	54.303358	0.018415	2.2701%
1979	53.097997	0.018833	1.0042%
1978	52.570100	0.019022	0.9896%
1977	52.054959	0.019210	0.9103%
1976	51.585360	0.019385	0.8394%
1975	51.155937	0.019548	0.9042%
1974	50.697544	0.019725	1.1568%
1973	50.117787	0.019953	0.9427%
1972	49.649738	0.020141	0.7426%
1971	49.283739	0.020291	1.4697%
1970	48.569889	0.020589	0.6968%
1969	48.233786	0.020732	0.8565%
1968	47.824154	0.020910	1.5090%
1967	47.113197	0.021225	0.9949%
1966	46.649082	0.021437	1.0575%
1965	46.160944	0.021663	1.1300%
1964	45.645148	0.021908	1.5537%
1963	44.946829	0.022249	1.4658%
1962	44.297508	0.022575	1.5364%
1961	43.627206	0.022921	2.1586%
1960	42.705351	0.023416	-1.6655%
1959	43.428648	0.023026	4.3080%
1958	41.635014	0.024018	2.1130%
1957	40.773486	0.024526	1.9895%
1956	39.978124	0.025014	2.1231%
1955	39.146996	0.025545	1.4496%
1954	38.587625	0.025915	2.1573%
1953	37.772771	0.026474	1.2298%
1952	37.313901	0.026800	1.6814%
1951	36.696888	0.027250	1.6233%
1950	36.110713	0.027693	1.4265%
1949	35.602825	0.028088	1.7790%
1948	34.980508	0.028587	1.8242%
1947	34.353839	0.029109	-2.6320%
1946	35.282487	0.028343	3.1768%
1945	34.196143	0.029243	6.4754%
1944	32.116468	0.031137	-0.3437%
1943	32.227226	0.031030	0.6562%

1942	32.017122	0.031233	0.6633%
1941	31.806152	0.031440	-5.6614%
1940	33.714896	0.029660	8.0381%
1939	31.206485	0.032045	0.8126%
1938	30.954936	0.032305	0.7762%
1937	30.716500	0.032556	0.6029%
1936	30.532427	0.032752	0.5244%
1935	30.373152	0.032924	-3.0364%
1934	31.324273	0.031924	4.6271%
1933	29.938960	0.033401	1.3921%
1932	29.527897	0.033866	-0.2051%
1931	29.588579	0.033797	0.8886%
1930	29.327971	0.034097	1.0126%
1929	29.033977	0.034442	1.1526%
1928	28.703147	0.034839	1.2160%
1927	28.358309	0.035263	1.4086%
1926	27.964408	0.035760	1.7667%
1925	27.478941	0.036392	1.4465%
1924	27.087125	0.036918	1.7700%
1923	26.616029	0.037571	1.6165%
1922	26.192620	0.038179	1.3736%
1921	25.837702	0.038703	2.3393%
1920	25.247093	0.039609	1.3140%
1919	24.919647	0.040129	0.7676%
1918	24.729810	0.040437	0.3870%
1917	24.634478	0.040594	1.3274%
1916	24.311755	0.041132	1.4083%
1915	23.974130	0.041712	1.4458%
1914	23.632451	0.042315	1.9424%
1913	23.182165	0.043137	1.9857%
1912	22.730806	0.043993	1.5634%
1911	22.380901	0.044681	1.8169%
1910	21.981515	0.045493	1.8781%
1909	21.576299	0.046347	2.0082%
1908	21.151526	0.047278	1.9603%
1907	20.744874	0.048205	1.8264%
1906	20.372794	0.049085	1.9357%
1905	19.985932	0.050035	2.0148%
1904	19.591202	0.051043	2.1335%
1903	19.181950	0.052132	1.8151%
1902	18.839976	0.053079	1.8943%
1901	18.489716	0.054084	3.0255%
1900	17.946738	0.055720	0.6278%
1899	17.834764	0.056070	1.7757%
1898	17.523605	0.057066	1.8078%
1897	17.212446	0.058097	1.8396%
1896	16.901526	0.059166	1.8755%
1895	16.590367	0.060276	1.9114%
1894	16.279208	0.061428	1.9486%
1893	15.968050	0.062625	1.9858%
1892	15.657129	0.063869	2.0276%
1891	15.345970	0.065164	2.6465%
1890	14.950308	0.066888	1.5328%

1889	14.724607	0.067914	2.0811%
1888	14.424416	0.069327	2.1599%
1887	14.119456	0.070824	2.2075%
1886	13.814497	0.072388	2.2592%
1885	13.509299	0.074023	2.3095%
1884	13.204340	0.075733	2.3641%
1883	12.899380	0.077523	2.4214%
1882	12.594421	0.079400	2.4815%
1881	12.289461	0.081371	3.7644%
1880	11.843620	0.084434	0.9432%
1879	11.732952	0.085230	2.1464%
1878	11.486409	0.087059	2.1913%
1877	11.240105	0.088967	2.2426%
1876	10.993562	0.090962	2.2941%
1875	10.747020	0.093049	2.3456%
1874	10.500715	0.095232	2.4043%
1873	10.254173	0.097521	2.4635%
1872	10.007630	0.099924	2.5258%
1871	9.761087	0.102448	5.9947%
1870	9.209036	0.108589	-1.0968%
1869	9.311159	0.107398	2.1930%
1868	9.111350	0.109753	2.2394%
1867	8.911779	0.112211	2.2935%
1866	8.711969	0.114785	2.3445%
1865	8.512399	0.117476	2.4037%
1864	8.312589	0.120299	2.4599%
1863	8.113019	0.123259	2.5250%
1862	7.913209	0.126371	2.5872%
1861	7.713639	0.129641	2.9504%
1860	7.492577	0.133465	2.4012%
1859	7.316881	0.136670	2.7627%
1858	7.120172	0.140446	2.8412%
1857	6.923462	0.144436	2.9243%
1856	6.726753	0.148660	3.0161%
1855	6.529804	0.153144	3.1061%
1854	6.333095	0.157901	3.2056%
1853	6.136385	0.162962	3.3118%
1852	5.939676	0.168359	3.4252%
1851	5.742966	0.174126	4.0106%
1850	5.521520	0.181110	2.3254%
1849	5.396042	0.185321	2.7841%
1848	5.249881	0.190481	2.8590%
1847	5.103958	0.195926	2.9432%
1846	4.958035	0.201693	3.0324%
1845	4.812113	0.207809	3.1325%
1844	4.665951	0.214319	3.2284%
1843	4.520029	0.221238	3.3361%
1842	4.374106	0.228618	3.4512%
1841	4.228183	0.236508	3.8105%
1840	4.072983	0.245520	2.3861%
1839	3.978064	0.251379	2.5824%
1838	3.877921	0.257870	2.6573%
1837	3.777539	0.264723	2.7232%

1836	3.677396	0.271932	2.7994%
1835	3.577253	0.279544	2.8871%
1834	3.476872	0.287615	2.9657%
1833	3.376729	0.296145	3.0563%
1832	3.276586	0.305196	3.1604%
1831	3.176204	0.314841	3.4660%
1830	3.069806	0.325754	2.4653%
1829	2.995947	0.333784	2.6804%
1828	2.917740	0.342731	10.3427%
1827	2.644254	0.378179	-4.2314%
1826	2.761087	0.362176	2.9150%
1825	2.682880	0.372734	3.0026%
1824	2.604673	0.383925	3.0955%
1823	2.526466	0.395810	3.1944%
1822	2.448259	0.408453	3.3102%
1821	2.369814	0.421974	3.2277%
1820	2.295714	0.435594	2.6573%
1819	2.236290	0.447169	2.6261%
1818	2.179065	0.458912	2.6969%
1817	2.121841	0.471289	2.7717%
1816	2.064616	0.484352	2.8507%
1815	2.007392	0.498159	2.9343%
1814	1.950167	0.512777	3.0231%
1813	1.892942	0.528278	3.1039%
1812	1.835956	0.544675	3.2172%
1811	1.778732	0.562198	3.0969%
1810	1.725300	0.579609	2.9144%
1809	1.676443	0.596501	2.8225%
1808	1.630424	0.613337	2.9199%
1807	1.584168	0.631246	2.9918%
1806	1.538150	0.650132	3.0841%
1805	1.492132	0.670182	3.1822%
1804	1.446113	0.691509	3.2868%
1803	1.400095	0.714237	3.3985%
1802	1.354077	0.738510	3.5180%
1801	1.308059	0.764491	3.3999%
1800	1.265048	0.790484	2.8419%
1799	1.230091	0.812948	2.7485%
1798	1.197186	0.835292	2.8261%
1797	1.164282	0.858898	3.7832%
1796	1.121841	0.891392	2.1272%
1795	1.098474	0.910354	3.0879%
1794	1.065570	0.938465	3.1625%
1793	1.032904	0.968144	3.2904%
1792	1.000000	1.000000	3.4024%
1791	0.967096	1.034024	3.2296%
1790	0.936840	1.067418	41.3145%
1780	0.662947	1.508416	29.4353%
1770	0.512184	1.952423	83.4728%
1750	0.279161	3.582166	29.2845%
1740	0.215928	4.631184	94.2514%
1720	0.111159	8.996139	85.8111%
1700	0.059824	16.715823	19.2490%

1690 0.050167 19.933460 88.0250%
1670 0.026681 37.479893

BASE YEAR: 1791

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	74.317147	0.013456	8.2857%
2001	68.630646	0.014571	1.0000%
2000	67.951127	0.014716	1.0000%
1999	67.278344	0.014864	1.0000%
1998	66.612221	0.015012	1.0000%
1997	65.952695	0.015162	1.0000%
1996	65.299697	0.015314	1.0000%
1995	64.653166	0.015467	0.9992%
1994	64.013529	0.015622	1.0008%
1993	63.379243	0.015778	1.0000%
1992	62.751726	0.015936	0.9295%
1991	62.173817	0.016084	1.2505%
1990	61.405926	0.016285	0.7224%
1989	60.965483	0.016403	1.1077%
1988	60.297584	0.016584	0.8834%
1987	59.769601	0.016731	0.5594%
1986	59.437130	0.016825	1.3056%
1985	58.671105	0.017044	0.7673%
1984	58.224359	0.017175	0.8149%
1983	57.753698	0.017315	0.9737%
1982	57.196746	0.017484	0.9508%
1981	56.658037	0.017650	0.9031%
1980	56.150957	0.017809	2.2701%
1979	54.904586	0.018213	1.0042%
1978	54.358728	0.018396	0.9896%
1977	53.826060	0.018578	0.9103%
1976	53.340483	0.018747	0.8394%
1975	52.896450	0.018905	0.9042%
1974	52.422461	0.019076	1.1568%
1973	51.822978	0.019296	0.9427%
1972	51.339004	0.019478	0.7426%
1971	50.960552	0.019623	1.4697%
1970	50.222415	0.019911	0.6968%
1969	49.874877	0.020050	0.8565%
1968	49.451307	0.020222	1.5090%
1967	48.716161	0.020527	0.9949%
1966	48.236255	0.020731	1.0575%
1965	47.731509	0.020951	1.1300%
1964	47.198163	0.021187	1.5537%
1963	46.476085	0.021516	1.4658%
1962	45.804672	0.021832	1.5364%
1961	45.111563	0.022167	2.1586%
1960	44.158344	0.022646	-1.6655%
1959	44.906250	0.022269	4.3080%
1958	43.051590	0.023228	2.1130%
1957	42.160750	0.023719	1.9895%

1956	41.338326	0.024191	2.1231%
1955	40.478920	0.024704	1.4496%
1954	39.900518	0.025062	2.1573%
1953	39.057939	0.025603	1.2298%
1952	38.583457	0.025918	1.6814%
1951	37.945451	0.026354	1.6233%
1950	37.339332	0.026781	1.4265%
1949	36.814164	0.027163	1.7790%
1948	36.170673	0.027647	1.8242%
1947	35.522682	0.028151	-2.6320%
1946	36.482927	0.027410	3.1768%
1945	35.359622	0.028281	6.4754%
1944	33.209188	0.030112	-0.3437%
1943	33.323714	0.030009	0.6562%
1942	33.106462	0.030206	0.6633%
1941	32.888314	0.030406	-5.6614%
1940	34.862000	0.028685	8.0381%
1939	32.268245	0.030990	0.8126%
1938	32.008136	0.031242	0.7762%
1937	31.761588	0.031485	0.6029%
1936	31.571252	0.031674	0.5244%
1935	31.406558	0.031840	-3.0364%
1934	32.390039	0.030874	4.6271%
1933	30.957594	0.032302	1.3921%
1932	30.532544	0.032752	-0.2051%
1931	30.595291	0.032685	0.8886%
1930	30.325816	0.032975	1.0126%
1929	30.021820	0.033309	1.1526%
1928	29.679734	0.033693	1.2160%
1927	29.323163	0.034103	1.4086%
1926	28.915860	0.034583	1.7667%
1925	28.413876	0.035194	1.4465%
1924	28.008728	0.035703	1.7700%
1923	27.521604	0.036335	1.6165%
1922	27.083789	0.036922	1.3736%
1921	26.716795	0.037430	2.3393%
1920	26.106092	0.038305	1.3140%
1919	25.767505	0.038809	0.7676%
1918	25.571209	0.039106	0.3870%
1917	25.472633	0.039258	1.3274%
1916	25.138930	0.039779	1.4083%
1915	24.789818	0.040339	1.4458%
1914	24.436514	0.040922	1.9424%
1913	23.970907	0.041717	1.9857%
1912	23.504191	0.042546	1.5634%
1911	23.142382	0.043211	1.8169%
1910	22.729407	0.043996	1.8781%
1909	22.310404	0.044822	2.0082%
1908	21.871179	0.045722	1.9603%
1907	21.450690	0.046619	1.8264%
1906	21.065952	0.047470	1.9357%
1905	20.665927	0.048389	2.0148%
1904	20.257766	0.049364	2.1335%

1903	19.834590	0.050417	1.8151%
1902	19.480981	0.051332	1.8943%
1901	19.118804	0.052305	3.0255%
1900	18.557352	0.053887	0.6278%
1899	18.441568	0.054225	1.7757%
1898	18.119822	0.055188	1.8078%
1897	17.798077	0.056186	1.8396%
1896	17.476578	0.057219	1.8755%
1895	17.154832	0.058293	1.9114%
1894	16.833087	0.059407	1.9486%
1893	16.511341	0.060564	1.9858%
1892	16.189842	0.061767	2.0276%
1891	15.868097	0.063020	2.6465%
1890	15.458972	0.064687	1.5328%
1889	15.225592	0.065679	2.0811%
1888	14.915187	0.067046	2.1599%
1887	14.599852	0.068494	2.2075%
1886	14.284517	0.070006	2.2592%
1885	13.968935	0.071587	2.3095%
1884	13.653600	0.073241	2.3641%
1883	13.338264	0.074972	2.4214%
1882	13.022929	0.076788	2.4815%
1881	12.707594	0.078693	3.7644%
1880	12.246584	0.081655	0.9432%
1879	12.132150	0.082426	2.1464%
1878	11.877219	0.084195	2.1913%
1877	11.622535	0.086040	2.2426%
1876	11.367604	0.087969	2.2941%
1875	11.112673	0.089987	2.3456%
1874	10.857988	0.092098	2.4043%
1873	10.603057	0.094312	2.4635%
1872	10.348126	0.096636	2.5258%
1871	10.093195	0.099077	5.9947%
1870	9.522361	0.105016	-1.0968%
1869	9.627959	0.103864	2.1930%
1868	9.421351	0.106142	2.2394%
1867	9.214990	0.108519	2.2935%
1866	9.008383	0.111008	2.3445%
1865	8.802022	0.113610	2.4037%
1864	8.595414	0.116341	2.4599%
1863	8.389053	0.119203	2.5250%
1862	8.182446	0.122213	2.5872%
1861	7.976085	0.125375	2.9504%
1860	7.747502	0.129074	2.4012%
1859	7.565828	0.132173	2.7627%
1858	7.362426	0.135825	2.8412%
1857	7.159024	0.139684	2.9243%
1856	6.955621	0.143769	3.0161%
1855	6.751972	0.148105	3.1061%
1854	6.548570	0.152705	3.2056%
1853	6.345168	0.157600	3.3118%
1852	6.141765	0.162820	3.4252%
1851	5.938363	0.168397	4.0106%

1850	5.709382	0.175150	2.3254%
1849	5.579635	0.179223	2.7841%
1848	5.428501	0.184213	2.8590%
1847	5.277613	0.189480	2.9432%
1846	5.126726	0.195056	3.0324%
1845	4.975838	0.200971	3.1325%
1844	4.824704	0.207267	3.2284%
1843	4.673817	0.213958	3.3361%
1842	4.522929	0.221096	3.4512%
1841	4.372041	0.228726	3.8105%
1840	4.211560	0.237442	2.3861%
1839	4.113412	0.243107	2.5824%
1838	4.009862	0.249385	2.6573%
1837	3.906065	0.256012	2.7232%
1836	3.802515	0.262984	2.7994%
1835	3.698964	0.270346	2.8871%
1834	3.595168	0.278151	2.9657%
1833	3.491617	0.286400	3.0563%
1832	3.388067	0.295154	3.1604%
1831	3.284270	0.304482	3.4660%
1830	3.174252	0.315035	2.4653%
1829	3.097880	0.322801	2.6804%
1828	3.017012	0.331454	10.3427%
1827	2.734221	0.365735	-4.2314%
1826	2.855030	0.350259	2.9150%
1825	2.774162	0.360469	3.0026%
1824	2.693294	0.371293	3.0955%
1823	2.612426	0.382786	3.1944%
1822	2.531558	0.395014	3.3102%
1821	2.450444	0.408089	3.2277%
1820	2.373823	0.421261	2.6573%
1819	2.312377	0.432455	2.6261%
1818	2.253205	0.443812	2.6969%
1817	2.194034	0.455782	2.7717%
1816	2.134862	0.468414	2.8507%
1815	2.075690	0.481767	2.9343%
1814	2.016519	0.495904	3.0231%
1813	1.957347	0.510896	3.1039%
1812	1.898422	0.526753	3.2172%
1811	1.839250	0.543700	3.0969%
1810	1.784001	0.560538	2.9144%
1809	1.733481	0.576874	2.8225%
1808	1.685897	0.593156	2.9199%
1807	1.638067	0.610476	2.9918%
1806	1.590483	0.628740	3.0841%
1805	1.542899	0.648130	3.1822%
1804	1.495316	0.668755	3.2868%
1803	1.447732	0.690736	3.3985%
1802	1.400148	0.714210	3.5180%
1801	1.352564	0.739336	3.3999%
1800	1.308090	0.764474	2.8419%
1799	1.271943	0.786199	2.7485%
1798	1.237919	0.807807	2.8261%

1797	1.203895	0.830637	3.7832%
1796	1.160010	0.862062	2.1272%
1795	1.135848	0.880399	3.0879%
1794	1.101824	0.907586	3.1625%
1793	1.068047	0.936288	3.2904%
1792	1.034024	0.967096	3.4024%
1791	1.000000	1.000000	3.2296%
1790	0.968715	1.032296	41.3145%
1780	0.685503	1.458783	29.4353%
1770	0.529610	1.888180	83.4728%
1750	0.288659	3.464298	29.2845%
1740	0.223274	4.478799	94.2514%
1720	0.114941	8.700129	85.8111%
1700	0.061859	16.165803	19.2490%
1690	0.051874	19.277567	88.0250%
1670	0.027589	36.246649	

BASE YEAR: 1790

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	76.717267	0.013035	8.2857%
2001	70.847116	0.014115	1.0000%
2000	70.145652	0.014256	1.0000%
1999	69.451140	0.014399	1.0000%
1998	68.763505	0.014543	1.0000%
1997	68.082679	0.014688	1.0000%
1996	67.408593	0.014835	1.0000%
1995	66.741181	0.014983	0.9992%
1994	66.080886	0.015133	1.0008%
1993	65.426116	0.015284	1.0000%
1992	64.778333	0.015437	0.9295%
1991	64.181759	0.015581	1.2505%
1990	63.389069	0.015776	0.7224%
1989	62.934402	0.015890	1.1077%
1988	62.244932	0.016066	0.8834%
1987	61.699898	0.016207	0.5594%
1986	61.356690	0.016298	1.3056%
1985	60.565925	0.016511	0.7673%
1984	60.104752	0.016638	0.8149%
1983	59.618891	0.016773	0.9737%
1982	59.043951	0.016937	0.9508%
1981	58.487845	0.017098	0.9031%
1980	57.964388	0.017252	2.2701%
1979	56.677764	0.017644	1.0042%
1978	56.114277	0.017821	0.9896%
1977	55.564407	0.017997	0.9103%
1976	55.063148	0.018161	0.8394%
1975	54.604774	0.018313	0.9042%
1974	54.115477	0.018479	1.1568%
1973	53.496634	0.018693	0.9427%
1972	52.997030	0.018869	0.7426%
1971	52.606356	0.019009	1.4697%

1970	51.844379	0.019288	0.6968%
1969	51.485617	0.019423	0.8565%
1968	51.048368	0.019589	1.5090%
1967	50.289481	0.019885	0.9949%
1966	49.794075	0.020083	1.0575%
1965	49.273028	0.020295	1.1300%
1964	48.722458	0.020524	1.5537%
1963	47.977059	0.020843	1.4658%
1962	47.283963	0.021149	1.5364%
1961	46.568470	0.021474	2.1586%
1960	45.584465	0.021937	-1.6655%
1959	46.356526	0.021572	4.3080%
1958	44.441969	0.022501	2.1130%
1957	43.522358	0.022977	1.9895%
1956	42.673373	0.023434	2.1231%
1955	41.786212	0.023931	1.4496%
1954	41.189130	0.024278	2.1573%
1953	40.319340	0.024802	1.2298%
1952	39.829534	0.025107	1.6814%
1951	39.170924	0.025529	1.6233%
1950	38.545229	0.025944	1.4265%
1949	38.003101	0.026314	1.7790%
1948	37.338828	0.026782	1.8242%
1947	36.669910	0.027270	-2.6320%
1946	37.661166	0.026553	3.1768%
1945	36.501583	0.027396	6.4754%
1944	34.281700	0.029170	-0.3437%
1943	34.399924	0.029070	0.6562%
1942	34.175656	0.029261	0.6633%
1941	33.950463	0.029455	-5.6614%
1940	35.987891	0.027787	8.0381%
1939	33.310368	0.030021	0.8126%
1938	33.041859	0.030265	0.7762%
1937	32.787348	0.030500	0.6029%
1936	32.590866	0.030683	0.5244%
1935	32.420853	0.030844	-3.0364%
1934	33.436096	0.029908	4.6271%
1933	31.957389	0.031292	1.3921%
1932	31.518612	0.031727	-0.2051%
1931	31.583385	0.031662	0.8886%
1930	31.305208	0.031944	1.0126%
1929	30.991393	0.032267	1.1526%
1928	30.638260	0.032639	1.2160%
1927	30.270173	0.033036	1.4086%
1926	29.849716	0.033501	1.7667%
1925	29.331520	0.034093	1.4465%
1924	28.913288	0.034586	1.7700%
1923	28.410431	0.035198	1.6165%
1922	27.958477	0.035767	1.3736%
1921	27.579631	0.036259	2.3393%
1920	26.949205	0.037107	1.3140%
1919	26.599683	0.037594	0.7676%
1918	26.397048	0.037883	0.3870%

1917	26.295288	0.038030	1.3274%
1916	25.950808	0.038534	1.4083%
1915	25.590420	0.039077	1.4458%
1914	25.225707	0.039642	1.9424%
1913	24.745063	0.040412	1.9857%
1912	24.263274	0.041215	1.5634%
1911	23.889780	0.041859	1.8169%
1910	23.463468	0.042619	1.8781%
1909	23.030933	0.043420	2.0082%
1908	22.577522	0.044292	1.9603%
1907	22.143454	0.045160	1.8264%
1906	21.746290	0.045985	1.9357%
1905	21.333346	0.046875	2.0148%
1904	20.912004	0.047819	2.1335%
1903	20.475161	0.048840	1.8151%
1902	20.110132	0.049726	1.8943%
1901	19.736258	0.050668	3.0255%
1900	19.156673	0.052201	0.6278%
1899	19.037150	0.052529	1.7757%
1898	18.705014	0.053462	1.8078%
1897	18.372877	0.054428	1.8396%
1896	18.040995	0.055429	1.8755%
1895	17.708859	0.056469	1.9114%
1894	17.376722	0.057548	1.9486%
1893	17.044585	0.058670	1.9858%
1892	16.712703	0.059835	2.0276%
1891	16.380567	0.061048	2.6465%
1890	15.958230	0.062664	1.5328%
1889	15.717312	0.063624	2.0811%
1888	15.396883	0.064948	2.1599%
1887	15.071364	0.066351	2.2075%
1886	14.745844	0.067816	2.2592%
1885	14.420071	0.069348	2.3095%
1884	14.094551	0.070949	2.3641%
1883	13.769032	0.072627	2.4214%
1882	13.443513	0.074385	2.4815%
1881	13.117993	0.076231	3.7644%
1880	12.642095	0.079101	0.9432%
1879	12.523965	0.079847	2.1464%
1878	12.260801	0.081561	2.1913%
1877	11.997892	0.083348	2.2426%
1876	11.734728	0.085217	2.2941%
1875	11.471563	0.087172	2.3456%
1874	11.208654	0.089217	2.4043%
1873	10.945490	0.091362	2.4635%
1872	10.682326	0.093613	2.5258%
1871	10.419161	0.095977	5.9947%
1870	9.829891	0.101731	-1.0968%
1869	9.938900	0.100615	2.1930%
1868	9.725620	0.102821	2.2394%
1867	9.512594	0.105124	2.2935%
1866	9.299314	0.107535	2.3445%
1865	9.086289	0.110056	2.4037%

1864	8.873009	0.112701	2.4599%
1863	8.659983	0.115474	2.5250%
1862	8.446703	0.118389	2.5872%
1861	8.233678	0.121452	2.9504%
1860	7.997712	0.125036	2.4012%
1859	7.810172	0.128038	2.7627%
1858	7.600200	0.131575	2.8412%
1857	7.390229	0.135314	2.9243%
1856	7.180257	0.139271	3.0161%
1855	6.970032	0.143471	3.1061%
1854	6.760060	0.147928	3.2056%
1853	6.550089	0.152670	3.3118%
1852	6.340117	0.157726	3.4252%
1851	6.130146	0.163128	4.0106%
1850	5.893770	0.169671	2.3254%
1849	5.759833	0.173616	2.7841%
1848	5.603818	0.178450	2.8590%
1847	5.448057	0.183552	2.9432%
1846	5.292297	0.188954	3.0324%
1845	5.136536	0.194684	3.1325%
1844	4.980521	0.200782	3.2284%
1843	4.824760	0.207264	3.3361%
1842	4.669000	0.214179	3.4512%
1841	4.513239	0.221570	3.8105%
1840	4.347575	0.230013	2.3861%
1839	4.246257	0.235501	2.5824%
1838	4.139363	0.241583	2.6573%
1837	4.032214	0.248003	2.7232%
1836	3.925319	0.254756	2.7994%
1835	3.818425	0.261888	2.8871%
1834	3.711276	0.269449	2.9657%
1833	3.604381	0.277440	3.0563%
1832	3.497487	0.285920	3.1604%
1831	3.390338	0.294956	3.4660%
1830	3.276766	0.305179	2.4653%
1829	3.197928	0.312703	2.6804%
1828	3.114448	0.321084	10.3427%
1827	2.822524	0.354293	-4.2314%
1826	2.947235	0.339301	2.9150%
1825	2.863755	0.349192	3.0026%
1824	2.780276	0.359677	3.0955%
1823	2.696796	0.370810	3.1944%
1822	2.613316	0.382656	3.3102%
1821	2.529582	0.395322	3.2277%
1820	2.450487	0.408082	2.6573%
1819	2.387056	0.418926	2.6261%
1818	2.325974	0.429927	2.6969%
1817	2.264891	0.441522	2.7717%
1816	2.203809	0.453760	2.8507%
1815	2.142726	0.466695	2.9343%
1814	2.081643	0.480390	3.0231%
1813	2.020561	0.494912	3.1039%
1812	1.959733	0.510274	3.2172%

1811	1.898650	0.526690	3.0969%
1810	1.841617	0.543001	2.9144%
1809	1.789465	0.558826	2.8225%
1808	1.740345	0.574599	2.9199%
1807	1.690969	0.591377	2.9918%
1806	1.641849	0.609069	3.0841%
1805	1.592728	0.627853	3.1822%
1804	1.543608	0.647833	3.2868%
1803	1.494487	0.669126	3.3985%
1802	1.445367	0.691866	3.5180%
1801	1.396246	0.716206	3.3999%
1800	1.350335	0.740557	2.8419%
1799	1.313021	0.761602	2.7485%
1798	1.277899	0.782535	2.8261%
1797	1.242776	0.804650	3.7832%
1796	1.197473	0.835092	2.1272%
1795	1.172531	0.852856	3.0879%
1794	1.137409	0.879192	3.1625%
1793	1.102541	0.906996	3.2904%
1792	1.067418	0.936840	3.4024%
1791	1.032296	0.968715	3.2296%
1790	1.000000	1.000000	41.3145%
1780	0.707642	1.413145	29.4353%
1770	0.546715	1.829108	83.4728%
1750	0.297981	3.355916	29.2845%
1740	0.230485	4.338678	94.2514%
1720	0.118653	8.427943	85.8111%
1700	0.063857	15.660052	19.2490%
1690	0.053549	18.674463	88.0250%
1670	0.028480	35.112663	

BASE YEAR: 1780

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	108.412584	0.009224	8.2857%
2001	100.117213	0.009988	1.0000%
2000	99.125943	0.010088	1.0000%
1999	98.144498	0.010189	1.0000%
1998	97.172770	0.010291	1.0000%
1997	96.210664	0.010394	1.0000%
1996	95.258083	0.010498	1.0000%
1995	94.314933	0.010603	0.9992%
1994	93.381841	0.010709	1.0008%
1993	92.456557	0.010816	1.0000%
1992	91.541145	0.010924	0.9295%
1991	90.698101	0.011026	1.2505%
1990	89.577915	0.011163	0.7224%
1989	88.935405	0.011244	1.1077%
1988	87.961085	0.011369	0.8834%
1987	87.190872	0.011469	0.5594%
1986	86.705870	0.011533	1.3056%
1985	85.588405	0.011684	0.7673%

1984	84.936700	0.011773	0.8149%
1983	84.250108	0.011869	0.9737%
1982	83.437635	0.011985	0.9508%
1981	82.651777	0.012099	0.9031%
1980	81.912057	0.012208	2.2701%
1979	80.093871	0.012485	1.0042%
1978	79.297583	0.012611	0.9896%
1977	78.520537	0.012736	0.9103%
1976	77.812185	0.012851	0.8394%
1975	77.164437	0.012959	0.9042%
1974	76.472989	0.013077	1.1568%
1973	75.598475	0.013228	0.9427%
1972	74.892462	0.013352	0.7426%
1971	74.340383	0.013452	1.4697%
1970	73.263600	0.013649	0.6968%
1969	72.756618	0.013744	0.8565%
1968	72.138721	0.013862	1.5090%
1967	71.066303	0.014071	0.9949%
1966	70.366224	0.014211	1.0575%
1965	69.629909	0.014362	1.1300%
1964	68.851874	0.014524	1.5537%
1963	67.798518	0.014750	1.4658%
1962	66.819073	0.014966	1.5364%
1961	65.807977	0.015196	2.1586%
1960	64.417437	0.015524	-1.6655%
1959	65.508470	0.015265	4.3080%
1958	62.802924	0.015923	2.1130%
1957	61.503381	0.016259	1.9895%
1956	60.303643	0.016583	2.1231%
1955	59.049957	0.016935	1.4496%
1954	58.206193	0.017180	2.1573%
1953	56.977054	0.017551	1.2298%
1952	56.284887	0.017767	1.6814%
1951	55.354176	0.018065	1.6233%
1950	54.469979	0.018359	1.4265%
1949	53.703874	0.018621	1.7790%
1948	52.765160	0.018952	1.8242%
1947	51.819882	0.019298	-2.6320%
1946	53.220670	0.018790	3.1768%
1945	51.582012	0.019387	6.4754%
1944	48.444996	0.020642	-0.3437%
1943	48.612064	0.020571	0.6562%
1942	48.295141	0.020706	0.6633%
1941	47.976910	0.020843	-5.6614%
1940	50.856090	0.019663	8.0381%
1939	47.072364	0.021244	0.8126%
1938	46.692922	0.021417	0.7762%
1937	46.333261	0.021583	0.6029%
1936	46.055604	0.021713	0.5244%
1935	45.815350	0.021827	-3.0364%
1934	47.250036	0.021164	4.6271%
1933	45.160409	0.022143	1.3921%
1932	44.540354	0.022452	-0.2051%

1931	44.631887	0.022406	0.8886%
1930	44.238783	0.022605	1.0126%
1929	43.795317	0.022833	1.1526%
1928	43.296288	0.023097	1.2160%
1927	42.776129	0.023378	1.4086%
1926	42.181962	0.023707	1.7667%
1925	41.449676	0.024126	1.4465%
1924	40.858654	0.024475	1.7700%
1923	40.148045	0.024908	1.6165%
1922	39.509368	0.025310	1.3736%
1921	38.974004	0.025658	2.3393%
1920	38.083121	0.026258	1.3140%
1919	37.589196	0.026603	0.7676%
1918	37.302843	0.026808	0.3870%
1917	37.159042	0.026911	1.3274%
1916	36.672241	0.027269	1.4083%
1915	36.162962	0.027653	1.4458%
1914	35.647569	0.028052	1.9424%
1913	34.968350	0.028597	1.9857%
1912	34.287513	0.029165	1.5634%
1911	33.759711	0.029621	1.8169%
1910	33.157271	0.030159	1.8781%
1909	32.546037	0.030726	2.0082%
1908	31.905301	0.031343	1.9603%
1907	31.291900	0.031957	1.8264%
1906	30.730650	0.032541	1.9357%
1905	30.147101	0.033171	2.0148%
1904	29.551683	0.033839	2.1335%
1903	28.934361	0.034561	1.8151%
1902	28.418522	0.035188	1.8943%
1901	27.890185	0.035855	3.0255%
1900	27.071147	0.036940	0.6278%
1899	26.902244	0.037172	1.7757%
1898	26.432887	0.037832	1.8078%
1897	25.963530	0.038516	1.8396%
1896	25.494533	0.039224	1.8755%
1895	25.025176	0.039960	1.9114%
1894	24.555819	0.040724	1.9486%
1893	24.086462	0.041517	1.9858%
1892	23.617465	0.042342	2.0276%
1891	23.148108	0.043200	2.6465%
1890	22.551285	0.044343	1.5328%
1889	22.210833	0.045023	2.0811%
1888	21.758020	0.045960	2.1599%
1887	21.298015	0.046953	2.2075%
1886	20.838009	0.047989	2.2592%
1885	20.377644	0.049073	2.3095%
1884	19.917638	0.050207	2.3641%
1883	19.457632	0.051394	2.4214%
1882	18.997626	0.052638	2.4815%
1881	18.537620	0.053944	3.7644%
1880	17.865107	0.055975	0.9432%
1879	17.698173	0.056503	2.1464%

1878	17.326284	0.057716	2.1913%
1877	16.954755	0.058981	2.2426%
1876	16.582866	0.060303	2.2941%
1875	16.210977	0.061687	2.3456%
1874	15.839448	0.063134	2.4043%
1873	15.467559	0.064651	2.4635%
1872	15.095670	0.066244	2.5258%
1871	14.723781	0.067917	5.9947%
1870	13.891057	0.071989	-1.0968%
1869	14.045101	0.071199	2.1930%
1868	13.743706	0.072761	2.2394%
1867	13.442670	0.074390	2.2935%
1866	13.141275	0.076096	2.3445%
1865	12.840239	0.077880	2.4037%
1864	12.538843	0.079752	2.4599%
1863	12.237808	0.081714	2.5250%
1862	11.936412	0.083777	2.5872%
1861	11.635376	0.085945	2.9504%
1860	11.301923	0.088481	2.4012%
1859	11.036901	0.090605	2.7627%
1858	10.740181	0.093108	2.8412%
1857	10.443461	0.095754	2.9243%
1856	10.146741	0.098554	3.0161%
1855	9.849662	0.101526	3.1061%
1854	9.552942	0.104680	3.2056%
1853	9.256222	0.108035	3.3118%
1852	8.959502	0.111613	3.4252%
1851	8.662782	0.115436	4.0106%
1850	8.328749	0.120066	2.3254%
1849	8.139476	0.122858	2.7841%
1848	7.919004	0.126278	2.8590%
1847	7.698892	0.129889	2.9432%
1846	7.478780	0.133712	3.0324%
1845	7.258668	0.137766	3.1325%
1844	7.038196	0.142082	3.2284%
1843	6.818084	0.146669	3.3361%
1842	6.597972	0.151562	3.4512%
1841	6.377859	0.156792	3.8105%
1840	6.143752	0.162767	2.3861%
1839	6.000575	0.166651	2.5824%
1838	5.849518	0.170954	2.6573%
1837	5.698101	0.175497	2.7232%
1836	5.547044	0.180276	2.7994%
1835	5.395986	0.185323	2.8871%
1834	5.244569	0.190673	2.9657%
1833	5.093512	0.196328	3.0563%
1832	4.942454	0.202329	3.1604%
1831	4.791037	0.208723	3.4660%
1830	4.630544	0.215957	2.4653%
1829	4.519134	0.221281	2.6804%
1828	4.401165	0.227213	10.3427%
1827	3.988635	0.250712	-4.2314%
1826	4.164868	0.240104	2.9150%

1825	4.046900	0.247103	3.0026%
1824	3.928931	0.254522	3.0955%
1823	3.810962	0.262401	3.1944%
1822	3.692994	0.270783	3.3102%
1821	3.574666	0.279746	3.2277%
1820	3.462892	0.288776	2.6573%
1819	3.373256	0.296450	2.6261%
1818	3.286937	0.304235	2.6969%
1817	3.200619	0.312440	2.7717%
1816	3.114300	0.321099	2.8507%
1815	3.027982	0.330253	2.9343%
1814	2.941663	0.339944	3.0231%
1813	2.855345	0.350220	3.1039%
1812	2.769386	0.361091	3.2172%
1811	2.683067	0.372708	3.0969%
1810	2.602471	0.384250	2.9144%
1809	2.528773	0.395449	2.8225%
1808	2.459358	0.406610	2.9199%
1807	2.389584	0.418483	2.9918%
1806	2.320170	0.431003	3.0841%
1805	2.250755	0.444295	3.1822%
1804	2.181341	0.458434	3.2868%
1803	2.111926	0.473501	3.3985%
1802	2.042512	0.489593	3.5180%
1801	1.973097	0.506817	3.3999%
1800	1.908219	0.524049	2.8419%
1799	1.855488	0.538942	2.7485%
1798	1.805855	0.553754	2.8261%
1797	1.756222	0.569404	3.7832%
1796	1.692203	0.590946	2.1272%
1795	1.656956	0.603516	3.0879%
1794	1.607323	0.622153	3.1625%
1793	1.558049	0.641828	3.2904%
1792	1.508416	0.662947	3.4024%
1791	1.458783	0.685503	3.2296%
1790	1.413145	0.707642	41.3145%
1780	1.000000	1.000000	29.4353%
1770	0.772587	1.294353	83.4728%
1750	0.421090	2.374786	29.2845%
1740	0.325709	3.070230	94.2514%
1720	0.167674	5.963964	85.8111%
1700	0.090239	11.081706	19.2490%
1690	0.075673	13.214829	88.0250%
1670	0.040246	24.847185	

BASE YEAR: 1770

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	140.324170	0.007126	8.2857%
2001	129.587030	0.007717	1.0000%
2000	128.303977	0.007794	1.0000%
1999	127.033640	0.007872	1.0000%

1998	125.775881	0.007951	1.0000%
1997	124.530575	0.008030	1.0000%
1996	123.297599	0.008110	1.0000%
1995	122.076831	0.008192	0.9992%
1994	120.869081	0.008273	1.0008%
1993	119.671435	0.008356	1.0000%
1992	118.486570	0.008440	0.9295%
1991	117.395373	0.008518	1.2505%
1990	115.945457	0.008625	0.7224%
1989	115.113822	0.008687	1.1077%
1988	113.852707	0.008783	0.8834%
1987	112.855780	0.008861	0.5594%
1986	112.228015	0.008910	1.3056%
1985	110.781621	0.009027	0.7673%
1984	109.938085	0.009096	0.8149%
1983	109.049392	0.009170	0.9737%
1982	107.997765	0.009259	0.9508%
1981	106.980587	0.009347	0.9031%
1980	106.023129	0.009432	2.2701%
1979	103.669755	0.009646	1.0042%
1978	102.639076	0.009743	0.9896%
1977	101.633304	0.009839	0.9103%
1976	100.716447	0.009929	0.8394%
1975	99.878032	0.010012	0.9042%
1974	98.983055	0.010103	1.1568%
1973	97.851124	0.010220	0.9427%
1972	96.937293	0.010316	0.7426%
1971	96.222708	0.010393	1.4697%
1970	94.828972	0.010545	0.6968%
1969	94.172757	0.010619	0.8565%
1968	93.372981	0.010710	1.5090%
1967	91.984894	0.010871	0.9949%
1966	91.078744	0.010980	1.0575%
1965	90.125692	0.011096	1.1300%
1964	89.118640	0.011221	1.5537%
1963	87.755226	0.011395	1.4658%
1962	86.487477	0.011562	1.5364%
1961	85.178763	0.011740	2.1586%
1960	83.378913	0.011993	-1.6655%
1959	84.791094	0.011794	4.3080%
1958	81.289163	0.012302	2.1130%
1957	79.607095	0.012562	1.9895%
1956	78.054211	0.012812	2.1231%
1955	76.431498	0.013084	1.4496%
1954	75.339370	0.013273	2.1573%
1953	73.748429	0.013560	1.2298%
1952	72.852521	0.013726	1.6814%
1951	71.647852	0.013957	1.6233%
1950	70.503389	0.014184	1.4265%
1949	69.511778	0.014386	1.7790%
1948	68.296751	0.014642	1.8242%
1947	67.073228	0.014909	-2.6320%
1946	68.886341	0.014517	3.1768%

1945	66.765339	0.014978	6.4754%
1944	62.704934	0.015948	-0.3437%
1943	62.921179	0.015893	0.6562%
1942	62.510967	0.015997	0.6633%
1941	62.099064	0.016103	-5.6614%
1940	65.825741	0.015192	8.0381%
1939	60.928262	0.016413	0.8126%
1938	60.437130	0.016546	0.7762%
1937	59.971603	0.016675	0.6029%
1936	59.612215	0.016775	0.5244%
1935	59.301243	0.016863	-3.0364%
1934	61.158233	0.016351	4.6271%
1933	58.453517	0.017108	1.3921%
1932	57.650947	0.017346	-0.2051%
1931	57.769424	0.017310	0.8886%
1930	57.260608	0.017464	1.0126%
1929	56.686607	0.017641	1.1526%
1928	56.040687	0.017844	1.2160%
1927	55.367418	0.018061	1.4086%
1926	54.598355	0.018316	1.7667%
1925	53.650519	0.018639	1.4465%
1924	52.885528	0.018909	1.7700%
1923	51.965749	0.019243	1.6165%
1922	51.139075	0.019555	1.3736%
1921	50.446125	0.019823	2.3393%
1920	49.293008	0.020287	1.3140%
1919	48.653694	0.020553	0.7676%
1918	48.283052	0.020711	0.3870%
1917	48.096923	0.020791	1.3274%
1916	47.466831	0.021067	1.4083%
1915	46.807644	0.021364	1.4458%
1914	46.140543	0.021673	1.9424%
1913	45.261394	0.022094	1.9857%
1912	44.380150	0.022533	1.5634%
1911	43.696988	0.022885	1.8169%
1910	42.917218	0.023301	1.8781%
1909	42.126065	0.023738	2.0082%
1908	41.296727	0.024215	1.9603%
1907	40.502770	0.024690	1.8264%
1906	39.776314	0.025141	1.9357%
1905	39.020995	0.025627	2.0148%
1904	38.250314	0.026144	2.1335%
1903	37.451281	0.026701	1.8151%
1902	36.783604	0.027186	1.8943%
1901	36.099749	0.027701	3.0255%
1900	35.039625	0.028539	0.6278%
1899	34.821005	0.028718	1.7757%
1898	34.213491	0.029228	1.8078%
1897	33.605977	0.029757	1.8396%
1896	32.998929	0.030304	1.8755%
1895	32.391416	0.030872	1.9114%
1894	31.783902	0.031462	1.9486%
1893	31.176388	0.032076	1.9858%

1892	30.569340	0.032713	2.0276%
1891	29.961827	0.033376	2.6465%
1890	29.189326	0.034259	1.5328%
1889	28.748662	0.034784	2.0811%
1888	28.162562	0.035508	2.1599%
1887	27.567152	0.036275	2.2075%
1886	26.971742	0.037076	2.2592%
1885	26.375867	0.037913	2.3095%
1884	25.780457	0.038789	2.3641%
1883	25.185047	0.039706	2.4214%
1882	24.589637	0.040668	2.4815%
1881	23.994227	0.041677	3.7644%
1880	23.123758	0.043246	0.9432%
1879	22.907686	0.043653	2.1464%
1878	22.426330	0.044590	2.1913%
1877	21.945440	0.045568	2.2426%
1876	21.464085	0.046589	2.2941%
1875	20.982729	0.047658	2.3456%
1874	20.501839	0.048776	2.4043%
1873	20.020483	0.049949	2.4635%
1872	19.539128	0.051179	2.5258%
1871	19.057772	0.052472	5.9947%
1870	17.979933	0.055618	-1.0968%
1869	18.179321	0.055008	2.1930%
1868	17.789209	0.056214	2.2394%
1867	17.399562	0.057473	2.2935%
1866	17.009450	0.058791	2.3445%
1865	16.619804	0.060169	2.4037%
1864	16.229691	0.061615	2.4599%
1863	15.840045	0.063131	2.5250%
1862	15.449932	0.064725	2.5872%
1861	15.060286	0.066400	2.9504%
1860	14.628680	0.068359	2.4012%
1859	14.285648	0.070000	2.7627%
1858	13.901587	0.071934	2.8412%
1857	13.517527	0.073978	2.9243%
1856	13.133467	0.076141	3.0161%
1855	12.748941	0.078438	3.1061%
1854	12.364881	0.080874	3.2056%
1853	11.980820	0.083467	3.3118%
1852	11.596760	0.086231	3.4252%
1851	11.212700	0.089185	4.0106%
1850	10.780343	0.092761	2.3254%
1849	10.535357	0.094918	2.7841%
1848	10.249988	0.097561	2.8590%
1847	9.965085	0.100350	2.9432%
1846	9.680182	0.103304	3.0324%
1845	9.395280	0.106436	3.1325%
1844	9.109911	0.109771	3.2284%
1843	8.825008	0.113314	3.3361%
1842	8.540105	0.117095	3.4512%
1841	8.255202	0.121136	3.8105%
1840	7.952185	0.125752	2.3861%

1839	7.766864	0.128752	2.5824%
1838	7.571342	0.132077	2.6573%
1837	7.375355	0.135587	2.7232%
1836	7.179833	0.139279	2.7994%
1835	6.984312	0.143178	2.8871%
1834	6.788325	0.147312	2.9657%
1833	6.592803	0.151681	3.0563%
1832	6.397281	0.156316	3.1604%
1831	6.201294	0.161257	3.4660%
1830	5.993559	0.166846	2.4653%
1829	5.849355	0.170959	2.6804%
1828	5.696662	0.175541	10.3427%
1827	5.162702	0.193697	-4.2314%
1826	5.390810	0.185501	2.9150%
1825	5.238117	0.190908	3.0026%
1824	5.085424	0.196640	3.0955%
1823	4.932731	0.202727	3.1944%
1822	4.780038	0.209203	3.3102%
1821	4.626880	0.216128	3.2277%
1820	4.482206	0.223104	2.6573%
1819	4.366184	0.229033	2.6261%
1818	4.254457	0.235048	2.6969%
1817	4.142731	0.241387	2.7717%
1816	4.031004	0.248077	2.8507%
1815	3.919278	0.255149	2.9343%
1814	3.807551	0.262636	3.0231%
1813	3.695824	0.270576	3.1039%
1812	3.584563	0.278974	3.2172%
1811	3.472836	0.287949	3.0969%
1810	3.368516	0.296867	2.9144%
1809	3.273125	0.305518	2.8225%
1808	3.183278	0.314142	2.9199%
1807	3.092966	0.323314	2.9918%
1806	3.003119	0.332987	3.0841%
1805	2.913272	0.343257	3.1822%
1804	2.823425	0.354180	3.2868%
1803	2.733579	0.365821	3.3985%
1802	2.643732	0.378253	3.5180%
1801	2.553885	0.391560	3.3999%
1800	2.469909	0.404873	2.8419%
1799	2.401657	0.416379	2.7485%
1798	2.337414	0.427823	2.8261%
1797	2.273172	0.439914	3.7832%
1796	2.190308	0.456557	2.1272%
1795	2.144686	0.466269	3.0879%
1794	2.080443	0.480667	3.1625%
1793	2.016666	0.495868	3.2904%
1792	1.952423	0.512184	3.4024%
1791	1.888180	0.529610	3.2296%
1790	1.829108	0.546715	41.3145%
1780	1.294353	0.772587	29.4353%
1770	1.000000	1.000000	83.4728%
1750	0.545040	1.834728	29.2845%

1740	0.421582	2.372019	94.2514%
1720	0.217029	4.607679	85.8111%
1700	0.116801	8.561578	19.2490%
1690	0.097947	10.209601	88.0250%
1670	0.052093	19.196604	

BASE YEAR: 1750

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	257.456738	0.003884	8.2857%
2001	237.757003	0.004206	1.0000%
2000	235.402948	0.004248	1.0000%
1999	233.072226	0.004291	1.0000%
1998	230.764580	0.004333	1.0000%
1997	228.479782	0.004377	1.0000%
1996	226.217606	0.004421	1.0000%
1995	223.977827	0.004465	0.9992%
1994	221.761934	0.004509	1.0008%
1993	219.564580	0.004554	1.0000%
1992	217.390673	0.004600	0.9295%
1991	215.388623	0.004643	1.2505%
1990	212.728422	0.004701	0.7224%
1989	211.202597	0.004735	1.1077%
1988	208.888794	0.004787	0.8834%
1987	207.059703	0.004830	0.5594%
1986	205.907926	0.004857	1.3056%
1985	203.254185	0.004920	0.7673%
1984	201.706525	0.004958	0.8149%
1983	200.076016	0.004998	0.9737%
1982	198.146566	0.005047	0.9508%
1981	196.280321	0.005095	0.9031%
1980	194.523645	0.005141	2.2701%
1979	190.205842	0.005257	1.0042%
1978	188.314827	0.005310	0.9896%
1977	186.469508	0.005363	0.9103%
1976	184.787325	0.005412	0.8394%
1975	183.249060	0.005457	0.9042%
1974	181.607021	0.005506	1.1568%
1973	179.530236	0.005570	0.9427%
1972	177.853604	0.005623	0.7426%
1971	176.542535	0.005664	1.4697%
1970	173.985407	0.005748	0.6968%
1969	172.781431	0.005788	0.8565%
1968	171.314059	0.005837	1.5090%
1967	168.767296	0.005925	0.9949%
1966	167.104757	0.005984	1.0575%
1965	165.356167	0.006048	1.1300%
1964	163.508498	0.006116	1.5537%
1963	161.007004	0.006211	1.4658%
1962	158.681030	0.006302	1.5364%
1961	156.279894	0.006399	2.1586%
1960	152.977658	0.006537	-1.6655%

1959	155.568628	0.006428	4.3080%
1958	149.143534	0.006705	2.1130%
1957	146.057397	0.006847	1.9895%
1956	143.208276	0.006983	2.1231%
1955	140.231039	0.007131	1.4496%
1954	138.227280	0.007234	2.1573%
1953	135.308336	0.007391	1.2298%
1952	133.664588	0.007481	1.6814%
1951	131.454347	0.007607	1.6233%
1950	129.354570	0.007731	1.4265%
1949	127.535232	0.007841	1.7790%
1948	125.305987	0.007980	1.8242%
1947	123.061155	0.008126	-2.6320%
1946	126.387726	0.007912	3.1768%
1945	122.496263	0.008164	6.4754%
1944	115.046522	0.008692	-0.3437%
1943	115.443273	0.008662	0.6562%
1942	114.690647	0.008719	0.6633%
1941	113.934916	0.008777	-5.6614%
1940	120.772356	0.008280	8.0381%
1939	111.786812	0.008946	0.8126%
1938	110.885719	0.009018	0.7762%
1937	110.031602	0.009088	0.6029%
1936	109.372224	0.009143	0.5244%
1935	108.801674	0.009191	-3.0364%
1934	112.208746	0.008912	4.6271%
1933	107.246327	0.009324	1.3921%
1932	105.773830	0.009454	-0.2051%
1931	105.991203	0.009435	0.8886%
1930	105.057662	0.009519	1.0126%
1929	104.004527	0.009615	1.1526%
1928	102.819440	0.009726	1.2160%
1927	101.584173	0.009844	1.4086%
1926	100.173153	0.009983	1.7667%
1925	98.434131	0.010159	1.4465%
1924	97.030579	0.010306	1.7700%
1923	95.343035	0.010488	1.6165%
1922	93.826314	0.010658	1.3736%
1921	92.554938	0.010804	2.3393%
1920	90.439281	0.011057	1.3140%
1919	89.266314	0.011202	0.7676%
1918	88.586287	0.011288	0.3870%
1917	88.244790	0.011332	1.3274%
1916	87.088743	0.011483	1.4083%
1915	85.879313	0.011644	1.4458%
1914	84.655364	0.011813	1.9424%
1913	83.042364	0.012042	1.9857%
1912	81.425521	0.012281	1.5634%
1911	80.172105	0.012473	1.8169%
1910	78.741438	0.012700	1.8781%
1909	77.289887	0.012938	2.0082%
1908	75.768278	0.013198	1.9603%
1907	74.311582	0.013457	1.8264%

1906	72.978732	0.013703	1.9357%
1905	71.592928	0.013968	2.0148%
1904	70.178937	0.014249	2.1335%
1903	68.712929	0.014553	1.8151%
1902	67.487922	0.014817	1.8943%
1901	66.233234	0.015098	3.0255%
1900	64.288194	0.015555	0.6278%
1899	63.887086	0.015653	1.7757%
1898	62.772463	0.015931	1.8078%
1897	61.657841	0.016219	1.8396%
1896	60.544072	0.016517	1.8755%
1895	59.429450	0.016827	1.9114%
1894	58.314827	0.017148	1.9486%
1893	57.200205	0.017482	1.9858%
1892	56.086437	0.017830	2.0276%
1891	54.971814	0.018191	2.6465%
1890	53.554486	0.018673	1.5328%
1889	52.745986	0.018959	2.0811%
1888	51.670653	0.019353	2.1599%
1887	50.578237	0.019771	2.2075%
1886	49.485822	0.020208	2.2592%
1885	48.392552	0.020664	2.3095%
1884	47.300137	0.021142	2.3641%
1883	46.207721	0.021641	2.4214%
1882	45.115306	0.022165	2.4815%
1881	44.022890	0.022715	3.7644%
1880	42.425815	0.023571	0.9432%
1879	42.029382	0.023793	2.1464%
1878	41.146225	0.024304	2.1913%
1877	40.263922	0.024836	2.2426%
1876	39.380765	0.025393	2.2941%
1875	38.497608	0.025976	2.3456%
1874	37.615306	0.026585	2.4043%
1873	36.732149	0.027224	2.4635%
1872	35.848992	0.027895	2.5258%
1871	34.965835	0.028599	5.9947%
1870	32.988294	0.030314	-1.0968%
1869	33.354117	0.029981	2.1930%
1868	32.638367	0.030639	2.2394%
1867	31.923471	0.031325	2.2935%
1866	31.207721	0.032043	2.3445%
1865	30.492825	0.032795	2.4037%
1864	29.777076	0.033583	2.4599%
1863	29.062180	0.034409	2.5250%
1862	28.346430	0.035278	2.5872%
1861	27.631534	0.036191	2.9504%
1860	26.839655	0.037258	2.4012%
1859	26.210284	0.038153	2.7627%
1858	25.505637	0.039207	2.8412%
1857	24.800991	0.040321	2.9243%
1856	24.096344	0.041500	3.0161%
1855	23.390844	0.042752	3.1061%
1854	22.686197	0.044080	3.2056%

1853	21.981551	0.045493	3.3118%
1852	21.276905	0.046999	3.4252%
1851	20.572258	0.048609	4.0106%
1850	19.779001	0.050559	2.3254%
1849	19.329518	0.051734	2.7841%
1848	18.805945	0.053175	2.8590%
1847	18.283225	0.054695	2.9432%
1846	17.760506	0.056305	3.0324%
1845	17.237786	0.058012	3.1325%
1844	16.714213	0.059829	3.2284%
1843	16.191493	0.061761	3.3361%
1842	15.668773	0.063821	3.4512%
1841	15.146054	0.066024	3.8105%
1840	14.590100	0.068540	2.3861%
1839	14.250085	0.070175	2.5824%
1838	13.891356	0.071987	2.6573%
1837	13.531773	0.073900	2.7232%
1836	13.173044	0.075913	2.7994%
1835	12.814315	0.078038	2.8871%
1834	12.454732	0.080291	2.9657%
1833	12.096003	0.082672	3.0563%
1832	11.737274	0.085199	3.1604%
1831	11.377690	0.087891	3.4660%
1830	10.996554	0.090938	2.4653%
1829	10.731978	0.093179	2.6804%
1828	10.451828	0.095677	10.3427%
1827	9.472156	0.105573	-4.2314%
1826	9.890673	0.101105	2.9150%
1825	9.610523	0.104053	3.0026%
1824	9.330372	0.107177	3.0955%
1823	9.050222	0.110495	3.1944%
1822	8.770072	0.114024	3.3102%
1821	8.489067	0.117799	3.2277%
1820	8.223630	0.121601	2.6573%
1819	8.010762	0.124832	2.6261%
1818	7.805774	0.128110	2.6969%
1817	7.600786	0.131565	2.7717%
1816	7.395798	0.135212	2.8507%
1815	7.190810	0.139066	2.9343%
1814	6.985822	0.143147	3.0231%
1813	6.780834	0.147474	3.1039%
1812	6.576700	0.152052	3.2172%
1811	6.371712	0.156944	3.0969%
1810	6.180313	0.161804	2.9144%
1809	6.005296	0.166520	2.8225%
1808	5.840451	0.171220	2.9199%
1807	5.674752	0.176219	2.9918%
1806	5.509908	0.181491	3.0841%
1805	5.345063	0.187089	3.1822%
1804	5.180219	0.193042	3.2868%
1803	5.015374	0.199387	3.3985%
1802	4.850530	0.206163	3.5180%
1801	4.685685	0.213416	3.3999%

1800	4.531613	0.220672	2.8419%
1799	4.406389	0.226943	2.7485%
1798	4.288521	0.233181	2.8261%
1797	4.170653	0.239771	3.7832%
1796	4.018620	0.248842	2.1272%
1795	3.934916	0.254135	3.0879%
1794	3.817048	0.261983	3.1625%
1793	3.700034	0.270268	3.2904%
1792	3.582166	0.279161	3.4024%
1791	3.464298	0.288659	3.2296%
1790	3.355916	0.297981	41.3145%
1780	2.374786	0.421090	29.4353%
1770	1.834728	0.545040	83.4728%
1750	1.000000	1.000000	29.2845%
1740	0.773488	1.292845	94.2514%
1720	0.398189	2.511369	85.8111%
1700	0.214298	4.666401	19.2490%
1690	0.179706	5.564639	88.0250%
1670	0.095576	10.462913	

BASE YEAR: 1740

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	332.851534	0.003004	8.2857%
2001	307.382839	0.003253	1.0000%
2000	304.339413	0.003286	1.0000%
1999	301.326151	0.003319	1.0000%
1998	298.342723	0.003352	1.0000%
1997	295.388835	0.003385	1.0000%
1996	292.464193	0.003419	1.0000%
1995	289.568507	0.003453	0.9992%
1994	286.703701	0.003488	1.0008%
1993	283.862864	0.003523	1.0000%
1992	281.052341	0.003558	0.9295%
1991	278.464002	0.003591	1.2505%
1990	275.024775	0.003636	0.7224%
1989	273.052120	0.003662	1.1077%
1988	270.060733	0.003703	0.8834%
1987	267.696003	0.003736	0.5594%
1986	266.206935	0.003756	1.3056%
1985	262.776060	0.003806	0.7673%
1984	260.775177	0.003835	0.8149%
1983	258.667182	0.003866	0.9737%
1982	256.172703	0.003904	0.9508%
1981	253.759938	0.003941	0.9031%
1980	251.488828	0.003976	2.2701%
1979	245.906581	0.004067	1.0042%
1978	243.461793	0.004107	0.9896%
1977	241.076082	0.004148	0.9103%
1976	238.901281	0.004186	0.8394%
1975	236.912544	0.004221	0.9042%
1974	234.789642	0.004259	1.1568%

1973	232.104682	0.004308	0.9427%
1972	229.937058	0.004349	0.7426%
1971	228.242049	0.004381	1.4697%
1970	224.936080	0.004446	0.6968%
1969	223.379527	0.004477	0.8565%
1968	221.482443	0.004515	1.5090%
1967	218.189874	0.004583	0.9949%
1966	216.040470	0.004629	1.0575%
1965	213.779814	0.004678	1.1300%
1964	211.391067	0.004731	1.5537%
1963	208.157023	0.004804	1.4658%
1962	205.149901	0.004874	1.5364%
1961	202.045605	0.004949	2.1586%
1960	197.776327	0.005056	-1.6655%
1959	201.126049	0.004972	4.3080%
1958	192.819402	0.005186	2.1130%
1957	188.829505	0.005296	1.9895%
1956	185.146036	0.005401	2.1231%
1955	181.296930	0.005516	1.4496%
1954	178.706383	0.005596	2.1573%
1953	174.932641	0.005716	1.2298%
1952	172.807531	0.005787	1.6814%
1951	169.950033	0.005884	1.6233%
1950	167.235347	0.005980	1.4265%
1949	164.883227	0.006065	1.7790%
1948	162.001159	0.006173	1.8242%
1947	159.098940	0.006285	-2.6320%
1946	163.399680	0.006120	3.1768%
1945	158.368623	0.006314	6.4754%
1944	148.737266	0.006723	-0.3437%
1943	149.250203	0.006700	0.6562%
1942	148.277174	0.006744	0.6633%
1941	147.300133	0.006789	-5.6614%
1940	156.139879	0.006405	8.0381%
1939	144.522968	0.006919	0.8126%
1938	143.357995	0.006976	0.7762%
1937	142.253754	0.007030	0.6029%
1936	141.401281	0.007072	0.5244%
1935	140.663648	0.007109	-3.0364%
1934	145.068463	0.006893	4.6271%
1933	138.652827	0.007212	1.3921%
1932	136.749117	0.007313	-0.2051%
1931	137.030146	0.007298	0.8886%
1930	135.823223	0.007363	1.0126%
1929	134.461683	0.007437	1.1526%
1928	132.929549	0.007523	1.2160%
1927	131.332542	0.007614	1.4086%
1926	129.508312	0.007722	1.7667%
1925	127.260027	0.007858	1.4465%
1924	125.445453	0.007972	1.7700%
1923	123.263720	0.008113	1.6165%
1922	121.302836	0.008244	1.3736%
1921	119.659144	0.008357	2.3393%

1920	116.923929	0.008553	1.3140%
1919	115.407465	0.008665	0.7676%
1918	114.528296	0.008731	0.3870%
1917	114.086793	0.008765	1.3274%
1916	112.592204	0.008882	1.4083%
1915	111.028600	0.009007	1.4458%
1914	109.446223	0.009137	1.9424%
1913	107.360866	0.009314	1.9857%
1912	105.270539	0.009499	1.5634%
1911	103.650066	0.009648	1.8169%
1910	101.800437	0.009823	1.8781%
1909	99.923807	0.010008	2.0082%
1908	97.956603	0.010209	1.9603%
1907	96.073322	0.010409	1.8264%
1906	94.350155	0.010599	1.9357%
1905	92.558525	0.010804	2.0148%
1904	90.730455	0.011022	2.1335%
1903	88.835134	0.011257	1.8151%
1902	87.251390	0.011461	1.8943%
1901	85.629273	0.011678	3.0255%
1900	83.114640	0.012032	0.6278%
1899	82.596069	0.012107	1.7757%
1898	81.155035	0.012322	1.8078%
1897	79.714002	0.012545	1.8396%
1896	78.274072	0.012776	1.8755%
1895	76.833039	0.013015	1.9114%
1894	75.392005	0.013264	1.9486%
1893	73.950972	0.013522	1.9858%
1892	72.511042	0.013791	2.0276%
1891	71.070009	0.014071	2.6465%
1890	69.237624	0.014443	1.5328%
1889	68.192359	0.014664	2.0811%
1888	66.802120	0.014970	2.1599%
1887	65.389797	0.015293	2.2075%
1886	63.977473	0.015631	2.2592%
1885	62.564046	0.015984	2.3095%
1884	61.151723	0.016353	2.3641%
1883	59.739399	0.016739	2.4214%
1882	58.327076	0.017145	2.4815%
1881	56.914753	0.017570	3.7644%
1880	54.849982	0.018232	0.9432%
1879	54.337456	0.018404	2.1464%
1878	53.195671	0.018799	2.1913%
1877	52.054991	0.019210	2.2426%
1876	50.913207	0.019641	2.2941%
1875	49.771422	0.020092	2.3456%
1874	48.630742	0.020563	2.4043%
1873	47.488958	0.021058	2.4635%
1872	46.347173	0.021576	2.5258%
1871	45.205389	0.022121	5.9947%
1870	42.648736	0.023447	-1.0968%
1869	43.121687	0.023190	2.1930%
1868	42.196334	0.023699	2.2394%

1867	41.272085	0.024229	2.2935%
1866	40.346731	0.024785	2.3445%
1865	39.422482	0.025366	2.4037%
1864	38.497129	0.025976	2.4599%
1863	37.572880	0.026615	2.5250%
1862	36.647527	0.027287	2.5872%
1861	35.723277	0.027993	2.9504%
1860	34.699501	0.028819	2.4012%
1859	33.885822	0.029511	2.7627%
1858	32.974823	0.030326	2.8412%
1857	32.063825	0.031188	2.9243%
1856	31.152827	0.032100	3.0161%
1855	30.240724	0.033068	3.1061%
1854	29.329726	0.034095	3.2056%
1853	28.418728	0.035188	3.3118%
1852	27.507730	0.036353	3.4252%
1851	26.596731	0.037599	4.0106%
1850	25.571173	0.039107	2.3254%
1849	24.990062	0.040016	2.7841%
1848	24.313163	0.041130	2.8590%
1847	23.637367	0.042306	2.9432%
1846	22.961572	0.043551	3.0324%
1845	22.285777	0.044872	3.1325%
1844	21.608878	0.046277	3.2284%
1843	20.933083	0.047771	3.3361%
1842	20.257288	0.049365	3.4512%
1841	19.581493	0.051069	3.8105%
1840	18.862731	0.053015	2.3861%
1839	18.423145	0.054280	2.5824%
1838	17.959364	0.055681	2.6573%
1837	17.494479	0.057161	2.7232%
1836	17.030698	0.058717	2.7994%
1835	16.566917	0.060361	2.8871%
1834	16.102032	0.062104	2.9657%
1833	15.638251	0.063946	3.0563%
1832	15.174470	0.065900	3.1604%
1831	14.709585	0.067983	3.4660%
1830	14.216834	0.070339	2.4653%
1829	13.874779	0.072073	2.6804%
1828	13.512588	0.074005	10.3427%
1827	12.246025	0.081659	-4.2314%
1826	12.787102	0.078204	2.9150%
1825	12.424912	0.080483	3.0026%
1824	12.062721	0.082900	3.0955%
1823	11.700530	0.085466	3.1944%
1822	11.338339	0.088196	3.3102%
1821	10.975044	0.091116	3.2277%
1820	10.631875	0.094057	2.6573%
1819	10.356670	0.096556	2.6261%
1818	10.091652	0.099092	2.6969%
1817	9.826634	0.101764	2.7717%
1816	9.561617	0.104585	2.8507%
1815	9.296599	0.107566	2.9343%

1814	9.031581	0.110723	3.0231%
1813	8.766564	0.114070	3.1039%
1812	8.502650	0.117610	3.2172%
1811	8.237633	0.121394	3.0969%
1810	7.990183	0.125154	2.9144%
1809	7.763913	0.128801	2.8225%
1808	7.550795	0.132436	2.9199%
1807	7.336572	0.136303	2.9918%
1806	7.123454	0.140381	3.0841%
1805	6.910336	0.144711	3.1822%
1804	6.697217	0.149316	3.2868%
1803	6.484099	0.154223	3.3985%
1802	6.270981	0.159465	3.5180%
1801	6.057862	0.165075	3.3999%
1800	5.858670	0.170687	2.8419%
1799	5.696776	0.175538	2.7485%
1798	5.544390	0.180362	2.8261%
1797	5.392005	0.185460	3.7832%
1796	5.195451	0.192476	2.1272%
1795	5.087235	0.196570	3.0879%
1794	4.934850	0.202640	3.1625%
1793	4.783569	0.209049	3.2904%
1792	4.631184	0.215928	3.4024%
1791	4.478799	0.223274	3.2296%
1790	4.338678	0.230485	41.3145%
1780	3.070230	0.325709	29.4353%
1770	2.372019	0.421582	83.4728%
1750	1.292845	0.773488	29.2845%
1740	1.000000	1.000000	94.2514%
1720	0.514797	1.942514	85.8111%
1700	0.277054	3.609406	19.2490%
1690	0.232332	4.304183	88.0250%
1670	0.123564	8.092940	

BASE YEAR: 1720

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	646.568745	0.001547	8.2857%
2001	597.095450	0.001675	1.0000%
2000	591.183552	0.001692	1.0000%
1999	585.330249	0.001708	1.0000%
1998	579.534899	0.001726	1.0000%
1997	573.796931	0.001743	1.0000%
1996	568.115772	0.001760	1.0000%
1995	562.490862	0.001778	0.9992%
1994	556.925937	0.001796	1.0008%
1993	551.407572	0.001814	1.0000%
1992	545.948091	0.001832	0.9295%
1991	540.920206	0.001849	1.2505%
1990	534.239459	0.001872	0.7224%
1989	530.407550	0.001885	1.1077%
1988	524.596740	0.001906	0.8834%

1987	520.003218	0.001923	0.5594%
1986	517.110682	0.001934	1.3056%
1985	510.446160	0.001959	0.7673%
1984	506.559417	0.001974	0.8149%
1983	502.464607	0.001990	0.9737%
1982	497.619048	0.002010	0.9508%
1981	492.932218	0.002029	0.9031%
1980	488.520556	0.002047	2.2701%
1979	477.676963	0.002093	1.0042%
1978	472.927928	0.002114	0.9896%
1977	468.293651	0.002135	0.9103%
1976	464.069069	0.002155	0.8394%
1975	460.205920	0.002173	0.9042%
1974	456.082154	0.002193	1.1568%
1973	450.866581	0.002218	0.9427%
1972	446.655942	0.002239	0.7426%
1971	443.363363	0.002255	1.4697%
1970	436.941471	0.002289	0.6968%
1969	433.917846	0.002305	0.8565%
1968	430.232733	0.002324	1.5090%
1967	423.836873	0.002359	0.9949%
1966	419.661626	0.002383	1.0575%
1965	415.270270	0.002408	1.1300%
1964	410.630094	0.002435	1.5537%
1963	404.347919	0.002473	1.4658%
1962	398.506542	0.002509	1.5364%
1961	392.476405	0.002548	2.1586%
1960	384.183273	0.002603	-1.6655%
1959	390.690154	0.002560	4.3080%
1958	374.554376	0.002670	2.1130%
1957	366.803947	0.002726	1.9895%
1956	359.648756	0.002780	2.1231%
1955	352.171815	0.002840	1.4496%
1954	347.139640	0.002881	2.1573%
1953	339.809095	0.002943	1.2298%
1952	335.681038	0.002979	1.6814%
1951	330.130309	0.003029	1.6233%
1950	324.856993	0.003078	1.4265%
1949	320.287967	0.003122	1.7790%
1948	314.689511	0.003178	1.8242%
1947	309.051909	0.003236	-2.6320%
1946	317.406156	0.003151	3.1768%
1945	307.633258	0.003251	6.4754%
1944	288.924213	0.003461	-0.3437%
1943	289.920601	0.003449	0.6562%
1942	288.030478	0.003472	0.6633%
1941	286.132561	0.003495	-5.6614%
1940	303.303891	0.003297	8.0381%
1939	280.737881	0.003562	0.8126%
1938	278.474903	0.003591	0.7762%
1937	276.329901	0.003619	0.6029%
1936	274.673960	0.003641	0.5244%
1935	273.241098	0.003660	-3.0364%

1934	281.797512	0.003549	4.6271%
1933	269.335049	0.003713	1.3921%
1932	265.637066	0.003765	-0.2051%
1931	266.182969	0.003757	0.8886%
1930	263.838505	0.003790	1.0126%
1929	261.193694	0.003829	1.1526%
1928	258.217503	0.003873	1.2160%
1927	255.115294	0.003920	1.4086%
1926	251.571701	0.003975	1.7667%
1925	247.204376	0.004045	1.4465%
1924	243.679541	0.004104	1.7700%
1923	239.441495	0.004176	1.6165%
1922	235.632450	0.004244	1.3736%
1921	232.439556	0.004302	2.3393%
1920	227.126362	0.004403	1.3140%
1919	224.180609	0.004461	0.7676%
1918	222.472812	0.004495	0.3870%
1917	221.615187	0.004512	1.3274%
1916	218.711926	0.004572	1.4083%
1915	215.674603	0.004637	1.4458%
1914	212.600815	0.004704	1.9424%
1913	208.549979	0.004795	1.9857%
1912	204.489489	0.004890	1.5634%
1911	201.341699	0.004967	1.8169%
1910	197.748769	0.005057	1.8781%
1909	194.103389	0.005152	2.0082%
1908	190.282068	0.005255	1.9603%
1907	186.623767	0.005358	1.8264%
1906	183.276491	0.005456	1.9357%
1905	179.796225	0.005562	2.0148%
1904	176.245174	0.005674	2.1335%
1903	172.563486	0.005795	1.8151%
1902	169.487042	0.005900	1.8943%
1901	166.336057	0.006012	3.0255%
1900	161.451347	0.006194	0.6278%
1899	160.444015	0.006233	1.7757%
1898	157.644788	0.006343	1.8078%
1897	154.845560	0.006458	1.8396%
1896	152.048477	0.006577	1.8755%
1895	149.249249	0.006700	1.9114%
1894	146.450021	0.006828	1.9486%
1893	143.650794	0.006961	1.9858%
1892	140.853711	0.007100	2.0276%
1891	138.054483	0.007244	2.6465%
1890	134.495049	0.007435	1.5328%
1889	132.464607	0.007549	2.0811%
1888	129.764050	0.007706	2.1599%
1887	127.020592	0.007873	2.2075%
1886	124.277134	0.008047	2.2592%
1885	121.531532	0.008228	2.3095%
1884	118.788074	0.008418	2.3641%
1883	116.044616	0.008617	2.4214%
1882	113.301158	0.008826	2.4815%

1881	110.557701	0.009045	3.7644%
1880	106.546855	0.009386	0.9432%
1879	105.551266	0.009474	2.1464%
1878	103.333333	0.009677	2.1913%
1877	101.117546	0.009889	2.2426%
1876	98.899614	0.010111	2.2941%
1875	96.681682	0.010343	2.3456%
1874	94.465894	0.010586	2.4043%
1873	92.247962	0.010840	2.4635%
1872	90.030030	0.011107	2.5258%
1871	87.812098	0.011388	5.9947%
1870	82.845764	0.012071	-1.0968%
1869	83.764479	0.011938	2.1930%
1868	81.966967	0.012200	2.2394%
1867	80.171600	0.012473	2.2935%
1866	78.374088	0.012759	2.3445%
1865	76.578722	0.013058	2.4037%
1864	74.781210	0.013372	2.4599%
1863	72.985843	0.013701	2.5250%
1862	71.188331	0.014047	2.5872%
1861	69.392964	0.014411	2.9504%
1860	67.404264	0.014836	2.4012%
1859	65.823681	0.015192	2.7627%
1858	64.054054	0.015612	2.8412%
1857	62.284427	0.016055	2.9243%
1856	60.514801	0.016525	3.0161%
1855	58.743029	0.017023	3.1061%
1854	56.973402	0.017552	3.2056%
1853	55.203775	0.018115	3.3118%
1852	53.434148	0.018715	3.4252%
1851	51.664522	0.019356	4.0106%
1850	49.672360	0.020132	2.3254%
1849	48.543544	0.020600	2.7841%
1848	47.228657	0.021174	2.8590%
1847	45.915916	0.021779	2.9432%
1846	44.603175	0.022420	3.0324%
1845	43.290433	0.023100	3.1325%
1844	41.975547	0.023823	3.2284%
1843	40.662806	0.024592	3.3361%
1842	39.350064	0.025413	3.4512%
1841	38.037323	0.026290	3.8105%
1840	36.641118	0.027292	2.3861%
1839	35.787216	0.027943	2.5824%
1838	34.886315	0.028665	2.6573%
1837	33.983269	0.029426	2.7232%
1836	33.082368	0.030228	2.7994%
1835	32.181467	0.031074	2.8871%
1834	31.278421	0.031971	2.9657%
1833	30.377520	0.032919	3.0563%
1832	29.476619	0.033925	3.1604%
1831	28.573574	0.034997	3.4660%
1830	27.616399	0.036210	2.4653%
1829	26.951952	0.037103	2.6804%

1828	26.248391	0.038098	10.3427%
1827	23.788074	0.042038	-4.2314%
1826	24.839125	0.040259	2.9150%
1825	24.135564	0.041433	3.0026%
1824	23.432003	0.042677	3.0955%
1823	22.728443	0.043998	3.1944%
1822	22.024882	0.045403	3.3102%
1821	21.319176	0.046906	3.2277%
1820	20.652565	0.048420	2.6573%
1819	20.117975	0.049707	2.6261%
1818	19.603175	0.051012	2.6969%
1817	19.088374	0.052388	2.7717%
1816	18.573574	0.053840	2.8507%
1815	18.058773	0.055375	2.9343%
1814	17.543973	0.057000	3.0231%
1813	17.029172	0.058723	3.1039%
1812	16.516517	0.060545	3.2172%
1811	16.001716	0.062493	3.0969%
1810	15.521042	0.064429	2.9144%
1809	15.081510	0.066306	2.8225%
1808	14.667525	0.068178	2.9199%
1807	14.251394	0.070169	2.9918%
1806	13.837409	0.072268	3.0841%
1805	13.423423	0.074497	3.1822%
1804	13.009438	0.076867	3.2868%
1803	12.595453	0.079394	3.3985%
1802	12.181467	0.082092	3.5180%
1801	11.767482	0.084980	3.3999%
1800	11.380549	0.087869	2.8419%
1799	11.066066	0.090366	2.7485%
1798	10.770056	0.092850	2.8261%
1797	10.474045	0.095474	3.7832%
1796	10.092235	0.099086	2.1272%
1795	9.882025	0.101194	3.0879%
1794	9.586015	0.104319	3.1625%
1793	9.292149	0.107618	3.2904%
1792	8.996139	0.111159	3.4024%
1791	8.700129	0.114941	3.2296%
1790	8.427943	0.118653	41.3145%
1780	5.963964	0.167674	29.4353%
1770	4.607679	0.217029	83.4728%
1750	2.511369	0.398189	29.2845%
1740	1.942514	0.514797	94.2514%
1720	1.000000	1.000000	85.8111%
1700	0.538181	1.858111	19.2490%
1690	0.451308	2.215779	88.0250%
1670	0.240026	4.166220	

BASE YEAR: 1700

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1201.396369 0.000832 8.2857%

2001	1109.469506	0.000901	1.0000%
2000	1098.484544	0.000910	1.0000%
1999	1087.608458	0.000919	1.0000%
1998	1076.840056	0.000929	1.0000%
1997	1066.178274	0.000938	1.0000%
1996	1055.622053	0.000947	1.0000%
1995	1045.170347	0.000957	0.9992%
1994	1034.830100	0.000966	1.0008%
1993	1024.576365	0.000976	1.0000%
1992	1014.432045	0.000986	0.9295%
1991	1005.089677	0.000995	1.2505%
1990	992.676110	0.001007	0.7224%
1989	985.555998	0.001015	1.1077%
1988	974.758868	0.001026	0.8834%
1987	966.223595	0.001035	0.5594%
1986	960.848944	0.001041	1.3056%
1985	948.465524	0.001054	0.7673%
1984	941.243523	0.001062	0.8149%
1983	933.634914	0.001071	0.9737%
1982	924.631327	0.001082	0.9508%
1981	915.922678	0.001092	0.9031%
1980	907.725321	0.001102	2.2701%
1979	887.576724	0.001127	1.0042%
1978	878.752491	0.001138	0.9896%
1977	870.141491	0.001149	0.9103%
1976	862.291750	0.001160	0.8394%
1975	855.113591	0.001169	0.9042%
1974	847.451176	0.001180	1.1568%
1973	837.760064	0.001194	0.9427%
1972	829.936230	0.001205	0.7426%
1971	823.818254	0.001214	1.4697%
1970	811.885668	0.001232	0.6968%
1969	806.267437	0.001240	0.8565%
1968	799.420088	0.001251	1.5090%
1967	787.535871	0.001270	0.9949%
1966	779.777800	0.001282	1.0575%
1965	771.618175	0.001296	1.1300%
1964	762.996214	0.001311	1.5537%
1963	751.323236	0.001331	1.4658%
1962	740.469310	0.001350	1.5364%
1961	729.264647	0.001371	2.1586%
1960	713.855090	0.001401	-1.6655%
1959	725.945596	0.001378	4.3080%
1958	695.963531	0.001437	2.1130%
1957	681.562375	0.001467	1.9895%
1956	668.267238	0.001496	2.1231%
1955	654.374253	0.001528	1.4496%
1954	645.023914	0.001550	2.1573%
1953	631.402949	0.001584	1.2298%
1952	623.732563	0.001603	1.6814%
1951	613.418693	0.001630	1.6233%
1950	603.620287	0.001657	1.4265%
1949	595.130530	0.001680	1.7790%

1948	584.727979	0.001710	1.8242%
1947	574.252690	0.001741	-2.6320%
1946	589.775807	0.001696	3.1768%
1945	571.616680	0.001749	6.4754%
1944	536.853200	0.001863	-0.3437%
1943	538.704599	0.001856	0.6562%
1942	535.192543	0.001868	0.6633%
1941	531.666002	0.001881	-5.6614%
1940	563.572236	0.001774	8.0381%
1939	521.642088	0.001917	0.8126%
1938	517.437226	0.001933	0.7762%
1937	513.451574	0.001948	0.6029%
1936	510.374651	0.001959	0.5244%
1935	507.712236	0.001970	-3.0364%
1934	523.611000	0.001910	4.6271%
1933	500.454364	0.001998	1.3921%
1932	493.583101	0.002026	-0.2051%
1931	494.597449	0.002022	0.8886%
1930	490.241176	0.002040	1.0126%
1929	485.326823	0.002060	1.1526%
1928	479.796732	0.002084	1.2160%
1927	474.032483	0.002110	1.4086%
1926	467.448095	0.002139	1.7667%
1925	459.333121	0.002177	1.4465%
1924	452.783587	0.002209	1.7700%
1923	444.908828	0.002248	1.6165%
1922	437.831200	0.002284	1.3736%
1921	431.898450	0.002315	2.3393%
1920	422.025947	0.002370	1.3140%
1919	416.552411	0.002401	0.7676%
1918	413.379135	0.002419	0.3870%
1917	411.785572	0.002428	1.3274%
1916	406.390992	0.002461	1.4083%
1915	400.747310	0.002495	1.4458%
1914	395.035871	0.002531	1.9424%
1913	387.508968	0.002581	1.9857%
1912	379.964129	0.002632	1.5634%
1911	374.115185	0.002673	1.8169%
1910	367.439123	0.002722	1.8781%
1909	360.665604	0.002773	2.0082%
1908	353.565165	0.002828	1.9603%
1907	346.767637	0.002884	1.8264%
1906	340.548027	0.002936	1.9357%
1905	334.081307	0.002993	2.0148%
1904	327.483061	0.003054	2.1335%
1903	320.642077	0.003119	1.8151%
1902	314.925703	0.003175	1.8943%
1901	309.070825	0.003236	3.0255%
1900	299.994492	0.003333	0.6278%
1899	298.122758	0.003354	1.7757%
1898	292.921483	0.003414	1.8078%
1897	287.720207	0.003476	1.8396%
1896	282.522917	0.003540	1.8755%

1895	277.321642	0.003606	1.9114%
1894	272.120367	0.003675	1.9486%
1893	266.919091	0.003746	1.9858%
1892	261.721802	0.003821	2.0276%
1891	256.520526	0.003898	2.6465%
1890	249.906704	0.004001	1.5328%
1889	246.133918	0.004063	2.0811%
1888	241.115982	0.004147	2.1599%
1887	236.018334	0.004237	2.2075%
1886	230.920686	0.004330	2.2592%
1885	225.819051	0.004428	2.3095%
1884	220.721403	0.004531	2.3641%
1883	215.623754	0.004638	2.4214%
1882	210.526106	0.004750	2.4815%
1881	205.428458	0.004868	3.7644%
1880	197.975863	0.005051	0.9432%
1879	196.125947	0.005099	2.1464%
1878	192.004783	0.005208	2.1913%
1877	187.887605	0.005322	2.2426%
1876	183.766441	0.005442	2.2941%
1875	179.645277	0.005567	2.3456%
1874	175.528099	0.005697	2.4043%
1873	171.406935	0.005834	2.4635%
1872	167.285771	0.005978	2.5258%
1871	163.164607	0.006129	5.9947%
1870	153.936608	0.006496	-1.0968%
1869	155.643683	0.006425	2.1930%
1868	152.303707	0.006566	2.2394%
1867	148.967716	0.006713	2.2935%
1866	145.627740	0.006867	2.3445%
1865	142.291750	0.007028	2.4037%
1864	138.951774	0.007197	2.4599%
1863	135.615783	0.007374	2.5250%
1862	132.275807	0.007560	2.5872%
1861	128.939817	0.007756	2.9504%
1860	125.244591	0.007984	2.4012%
1859	122.307692	0.008176	2.7627%
1858	119.019530	0.008402	2.8412%
1857	115.731367	0.008641	2.9243%
1856	112.443204	0.008893	3.0161%
1855	109.151056	0.009162	3.1061%
1854	105.862894	0.009446	3.2056%
1853	102.574731	0.009749	3.3118%
1852	99.286568	0.010072	3.4252%
1851	95.998406	0.010417	4.0106%
1850	92.296748	0.010835	2.3254%
1849	90.199283	0.011087	2.7841%
1848	87.756078	0.011395	2.8590%
1847	85.316859	0.011721	2.9432%
1846	82.877640	0.012066	3.0324%
1845	80.438422	0.012432	3.1325%
1844	77.995217	0.012821	3.2284%
1843	75.555998	0.013235	3.3361%

1842	73.116780	0.013677	3.4512%
1841	70.677561	0.014149	3.8105%
1840	68.083256	0.014688	2.3861%
1839	66.496612	0.015038	2.5824%
1838	64.822639	0.015427	2.6573%
1837	63.144679	0.015837	2.7232%
1836	61.470705	0.016268	2.7994%
1835	59.796732	0.016723	2.8871%
1834	58.118772	0.017206	2.9657%
1833	56.444799	0.017716	3.0563%
1832	54.770825	0.018258	3.1604%
1831	53.092866	0.018835	3.4660%
1830	51.314328	0.019488	2.4653%
1829	50.079713	0.019968	2.6804%
1828	48.772419	0.020503	10.3427%
1827	44.200877	0.022624	-4.2314%
1826	46.153846	0.021667	2.9150%
1825	44.846552	0.022298	3.0026%
1824	43.539259	0.022968	3.0955%
1823	42.231965	0.023679	3.1944%
1822	40.924671	0.024435	3.3102%
1821	39.613392	0.025244	3.2277%
1820	38.374755	0.026059	2.6573%
1819	37.381427	0.026751	2.6261%
1818	36.424870	0.027454	2.6969%
1817	35.468314	0.028194	2.7717%
1816	34.511758	0.028976	2.8507%
1815	33.555201	0.029802	2.9343%
1814	32.598645	0.030676	3.0231%
1813	31.642088	0.031603	3.1039%
1812	30.689518	0.032584	3.2172%
1811	29.732961	0.033633	3.0969%
1810	28.839817	0.034674	2.9144%
1809	28.023117	0.035685	2.8225%
1808	27.253886	0.036692	2.9199%
1807	26.480670	0.037763	2.9918%
1806	25.711439	0.038893	3.0841%
1805	24.942208	0.040093	3.1822%
1804	24.172977	0.041369	3.2868%
1803	23.403747	0.042728	3.3985%
1802	22.634516	0.044180	3.5180%
1801	21.865285	0.045735	3.3999%
1800	21.146321	0.047290	2.8419%
1799	20.561977	0.048633	2.7485%
1798	20.011957	0.049970	2.8261%
1797	19.461937	0.051382	3.7832%
1796	18.752491	0.053326	2.1272%
1795	18.361897	0.054461	3.0879%
1794	17.811877	0.056142	3.1625%
1793	17.265843	0.057918	3.2904%
1792	16.715823	0.059824	3.4024%
1791	16.165803	0.061859	3.2296%
1790	15.660052	0.063857	41.3145%

1780	11.081706	0.090239	29.4353%
1770	8.561578	0.116801	83.4728%
1750	4.666401	0.214298	29.2845%
1740	3.609406	0.277054	94.2514%
1720	1.858111	0.538181	85.8111%
1700	1.000000	1.000000	19.2490%
1690	0.838581	1.192490	88.0250%
1670	0.445994	2.242181	

BASE YEAR: 1690

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1432.653750	0.000698	8.2857%
2001	1323.031839	0.000756	1.0000%
2000	1309.932376	0.000763	1.0000%
1999	1296.962747	0.000771	1.0000%
1998	1284.121530	0.000779	1.0000%
1997	1271.407457	0.000787	1.0000%
1996	1258.819263	0.000794	1.0000%
1995	1246.355703	0.000802	0.9992%
1994	1234.025057	0.000810	1.0008%
1993	1221.797576	0.000818	1.0000%
1992	1209.700570	0.000827	0.9295%
1991	1198.559886	0.000834	1.2505%
1990	1183.756825	0.000845	0.7224%
1989	1175.266160	0.000851	1.1077%
1988	1162.390684	0.000860	0.8834%
1987	1152.212452	0.000868	0.5594%
1986	1145.803232	0.000873	1.3056%
1985	1131.036122	0.000884	0.7673%
1984	1122.423954	0.000891	0.8149%
1983	1113.350760	0.000898	0.9737%
1982	1102.614068	0.000907	0.9508%
1981	1092.229087	0.000916	0.9031%
1980	1082.453817	0.000924	2.2701%
1979	1058.426806	0.000945	1.0042%
1978	1047.903992	0.000954	0.9896%
1977	1037.635456	0.000964	0.9103%
1976	1028.274715	0.000973	0.8394%
1975	1019.714829	0.000981	0.9042%
1974	1010.577471	0.000990	1.1568%
1973	999.020913	0.001001	0.9427%
1972	989.691065	0.001010	0.7426%
1971	982.395437	0.001018	1.4697%
1970	968.165941	0.001033	0.6968%
1969	961.466255	0.001040	0.8565%
1968	953.300856	0.001049	1.5090%
1967	939.129040	0.001065	0.9949%
1966	929.877614	0.001075	1.0575%
1965	920.147338	0.001087	1.1300%
1964	909.865732	0.001099	1.5537%
1963	895.945817	0.001116	1.4658%

1962	883.002614	0.001132	1.5364%
1961	869.641160	0.001150	2.1586%
1960	851.265409	0.001175	-1.6655%
1959	865.683222	0.001155	4.3080%
1958	829.929895	0.001205	2.1130%
1957	812.756654	0.001230	1.9895%
1956	796.902329	0.001255	2.1231%
1955	780.335076	0.001282	1.4496%
1954	769.184886	0.001300	2.1573%
1953	752.942015	0.001328	1.2298%
1952	743.795152	0.001344	1.6814%
1951	731.495960	0.001367	1.6233%
1950	719.811454	0.001389	1.4265%
1949	709.687500	0.001409	1.7790%
1948	697.282557	0.001434	1.8242%
1947	684.790875	0.001460	-2.6320%
1946	703.302044	0.001422	3.1768%
1945	681.647457	0.001467	6.4754%
1944	640.192338	0.001562	-0.3437%
1943	642.400114	0.001557	0.6562%
1942	638.212020	0.001567	0.6633%
1941	634.006654	0.001577	-5.6614%
1940	672.054534	0.001488	8.0381%
1939	622.053232	0.001608	0.8126%
1938	617.038973	0.001621	0.7762%
1937	612.286122	0.001633	0.6029%
1936	608.616920	0.001643	0.5244%
1935	605.442015	0.001652	-3.0364%
1934	624.401141	0.001602	4.6271%
1933	596.787072	0.001676	1.3921%
1932	588.593156	0.001699	-0.2051%
1931	589.802757	0.001695	0.8886%
1930	584.607942	0.001711	1.0126%
1929	578.747624	0.001728	1.1526%
1928	572.153042	0.001748	1.2160%
1927	565.279230	0.001769	1.4086%
1926	557.427410	0.001794	1.7667%
1925	547.750380	0.001826	1.4465%
1924	539.940124	0.001852	1.7700%
1923	530.549548	0.001885	1.6165%
1922	522.109544	0.001915	1.3736%
1921	515.034796	0.001942	2.3393%
1920	503.261930	0.001987	1.3140%
1919	496.734791	0.002013	0.7676%
1918	492.950689	0.002029	0.3870%
1917	491.050380	0.002036	1.3274%
1916	484.617395	0.002063	1.4083%
1915	477.887357	0.002093	1.4458%
1914	471.076521	0.002123	1.9424%
1913	462.100760	0.002164	1.9857%
1912	453.103612	0.002207	1.5634%
1911	446.128802	0.002242	1.8169%
1910	438.167662	0.002282	1.8781%

1909	430.090304	0.002325	2.0082%
1908	421.623099	0.002372	1.9603%
1907	413.517110	0.002418	1.8264%
1906	406.100285	0.002462	1.9357%
1905	398.388783	0.002510	2.0148%
1904	390.520437	0.002561	2.1335%
1903	382.362628	0.002615	1.8151%
1902	375.545908	0.002663	1.8943%
1901	368.564021	0.002713	3.0255%
1900	357.740580	0.002795	0.6278%
1899	355.508555	0.002813	1.7757%
1898	349.306084	0.002863	1.8078%
1897	343.103612	0.002915	1.8396%
1896	336.905894	0.002968	1.8755%
1895	330.703422	0.003024	1.9114%
1894	324.500951	0.003082	1.9486%
1893	318.298479	0.003142	1.9858%
1892	312.100760	0.003204	2.0276%
1891	305.898289	0.003269	2.6465%
1890	298.011369	0.003356	1.5328%
1889	293.512357	0.003407	2.0811%
1888	287.528517	0.003478	2.1599%
1887	281.449620	0.003553	2.2075%
1886	275.370722	0.003631	2.2592%
1885	269.287072	0.003714	2.3095%
1884	263.208175	0.003799	2.3641%
1883	257.129278	0.003889	2.4214%
1882	251.050380	0.003983	2.4815%
1881	244.971483	0.004082	3.7644%
1880	236.084335	0.004236	0.9432%
1879	233.878327	0.004276	2.1464%
1878	228.963878	0.004368	2.1913%
1877	224.054183	0.004463	2.2426%
1876	219.139734	0.004563	2.2941%
1875	214.225285	0.004668	2.3456%
1874	209.315589	0.004777	2.4043%
1873	204.401141	0.004892	2.4635%
1872	199.486692	0.005013	2.5258%
1871	194.572243	0.005139	5.9947%
1870	183.567942	0.005448	-1.0968%
1869	185.603612	0.005388	2.1930%
1868	181.620722	0.005506	2.2394%
1867	177.642586	0.005629	2.2935%
1866	173.659696	0.005758	2.3445%
1865	169.681559	0.005893	2.4037%
1864	165.698669	0.006035	2.4599%
1863	161.720532	0.006184	2.5250%
1862	157.737643	0.006340	2.5872%
1861	153.759506	0.006504	2.9504%
1860	149.352985	0.006696	2.4012%
1859	145.850760	0.006856	2.7627%
1858	141.929658	0.007046	2.8412%
1857	138.008555	0.007246	2.9243%

1856	134.087452	0.007458	3.0161%
1855	130.161597	0.007683	3.1061%
1854	126.240494	0.007921	3.2056%
1853	122.319392	0.008175	3.3118%
1852	118.398289	0.008446	3.4252%
1851	114.477186	0.008735	4.0106%
1850	110.062994	0.009086	2.3254%
1849	107.561787	0.009297	2.7841%
1848	104.648289	0.009556	2.8590%
1847	101.739544	0.009829	2.9432%
1846	98.830798	0.010118	3.0324%
1845	95.922053	0.010425	3.1325%
1844	93.008555	0.010752	3.2284%
1843	90.099810	0.011099	3.3361%
1842	87.191065	0.011469	3.4512%
1841	84.282319	0.011865	3.8105%
1840	81.188636	0.012317	2.3861%
1839	79.296578	0.012611	2.5824%
1838	77.300380	0.012937	2.6573%
1837	75.299430	0.013280	2.7232%
1836	73.303232	0.013642	2.7994%
1835	71.307034	0.014024	2.8871%
1834	69.306084	0.014429	2.9657%
1833	67.309886	0.014857	3.0563%
1832	65.313688	0.015311	3.1604%
1831	63.312738	0.015795	3.4660%
1830	61.191849	0.016342	2.4653%
1829	59.719582	0.016745	2.6804%
1828	58.160646	0.017194	10.3427%
1827	52.709125	0.018972	-4.2314%
1826	55.038023	0.018169	2.9150%
1825	53.479087	0.018699	3.0026%
1824	51.920152	0.019260	3.0955%
1823	50.361217	0.019857	3.1944%
1822	48.802281	0.020491	3.3102%
1821	47.238593	0.021169	3.2277%
1820	45.761530	0.021852	2.6573%
1819	44.576996	0.022433	2.6261%
1818	43.436312	0.023022	2.6969%
1817	42.295627	0.023643	2.7717%
1816	41.154943	0.024298	2.8507%
1815	40.014259	0.024991	2.9343%
1814	38.873574	0.025724	3.0231%
1813	37.732890	0.026502	3.1039%
1812	36.596958	0.027325	3.2172%
1811	35.456274	0.028204	3.0969%
1810	34.391207	0.029077	2.9144%
1809	33.417300	0.029925	2.8225%
1808	32.500000	0.030769	2.9199%
1807	31.577947	0.031668	2.9918%
1806	30.660646	0.032615	3.0841%
1805	29.743346	0.033621	3.1822%
1804	28.826046	0.034691	3.2868%

1803	27.908745	0.035831	3.3985%
1802	26.991445	0.037049	3.5180%
1801	26.074144	0.038352	3.3999%
1800	25.216787	0.039656	2.8419%
1799	24.519962	0.040783	2.7485%
1798	23.864068	0.041904	2.8261%
1797	23.208175	0.043088	3.7832%
1796	22.362167	0.044718	2.1272%
1795	21.896388	0.045670	3.0879%
1794	21.240494	0.047080	3.1625%
1793	20.589354	0.048569	3.2904%
1792	19.933460	0.050167	3.4024%
1791	19.277567	0.051874	3.2296%
1790	18.674463	0.053549	41.3145%
1780	13.214829	0.075673	29.4353%
1770	10.209601	0.097947	83.4728%
1750	5.564639	0.179706	29.2845%
1740	4.304183	0.232332	94.2514%
1720	2.215779	0.451308	85.8111%
1700	1.192490	0.838581	19.2490%
1690	1.000000	1.000000	88.0250%
1670	0.531844	1.880250	

BASE YEAR: 1670

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2693.747534	0.000371	8.2857%
2001	2487.630912	0.000402	1.0000%
2000	2463.000643	0.000406	1.0000%
1999	2438.614495	0.000410	1.0000%
1998	2414.469794	0.000414	1.0000%
1997	2390.564155	0.000418	1.0000%
1996	2366.895201	0.000422	1.0000%
1995	2343.460590	0.000427	0.9992%
1994	2320.275889	0.000431	1.0008%
1993	2297.285165	0.000435	1.0000%
1992	2274.539768	0.000440	0.9295%
1991	2253.592493	0.000444	1.2505%
1990	2225.759035	0.000449	0.7224%
1989	2209.794459	0.000453	1.1077%
1988	2185.585344	0.000458	0.8834%
1987	2166.447721	0.000462	0.5594%
1986	2154.396783	0.000464	1.3056%
1985	2126.630920	0.000470	0.7673%
1984	2110.437891	0.000474	0.8149%
1983	2093.378016	0.000478	0.9737%
1982	2073.190349	0.000482	0.9508%
1981	2053.663986	0.000487	0.9031%
1980	2035.284030	0.000491	2.2701%
1799	1990.107239	0.000502	1.0042%
1978	1970.321716	0.000508	0.9896%
1977	1951.014298	0.000513	0.9103%

1976	1933.413762	0.000517	0.8394%
1975	1917.319035	0.000522	0.9042%
1974	1900.138517	0.000526	1.1568%
1973	1878.409294	0.000532	0.9427%
1972	1860.866845	0.000537	0.7426%
1971	1847.149240	0.000541	1.4697%
1970	1820.394227	0.000549	0.6968%
1969	1807.797140	0.000553	0.8565%
1968	1792.444147	0.000558	1.5090%
1967	1765.797587	0.000566	0.9949%
1966	1748.402592	0.000572	1.0575%
1965	1730.107239	0.000578	1.1300%
1964	1710.775246	0.000585	1.5537%
1963	1684.602324	0.000594	1.4658%
1962	1660.265862	0.000602	1.5364%
1961	1635.142985	0.000612	2.1586%
1960	1600.591975	0.000625	-1.6655%
1959	1627.701072	0.000614	4.3080%
1958	1560.475871	0.000641	2.1130%
1957	1528.185880	0.000654	1.9895%
1956	1498.375782	0.000667	2.1231%
1955	1467.225201	0.000682	1.4496%
1954	1446.260054	0.000691	2.1573%
1953	1415.719392	0.000706	1.2298%
1952	1398.521001	0.000715	1.6814%
1951	1375.395442	0.000727	1.6233%
1950	1353.425648	0.000739	1.4265%
1949	1334.390080	0.000749	1.7790%
1948	1311.065684	0.000763	1.8242%
1947	1287.578195	0.000777	-2.6320%
1946	1322.383825	0.000756	3.1768%
1945	1281.667784	0.000780	6.4754%
1944	1203.721787	0.000831	-0.3437%
1943	1207.872958	0.000828	0.6562%
1942	1199.998293	0.000833	0.6633%
1941	1192.091153	0.000839	-5.6614%
1940	1263.630688	0.000791	8.0381%
1939	1169.615728	0.000855	0.8126%
1938	1160.187668	0.000862	0.7762%
1937	1151.251117	0.000869	0.6029%
1936	1144.352100	0.000874	0.5244%
1935	1138.382484	0.000878	-3.0364%
1934	1174.030384	0.000852	4.6271%
1933	1122.109026	0.000891	1.3921%
1932	1106.702413	0.000904	-0.2051%
1931	1108.976765	0.000902	0.8886%
1930	1099.209214	0.000910	1.0126%
1929	1088.190349	0.000919	1.1526%
1928	1075.790885	0.000930	1.2160%
1927	1062.866399	0.000941	1.4086%
1926	1048.103012	0.000954	1.7667%
1925	1029.907775	0.000971	1.4465%
1924	1015.222538	0.000985	1.7700%

1923	997.565907	0.001002	1.6165%
1922	981.696586	0.001019	1.3736%
1921	968.394290	0.001033	2.3393%
1920	946.258356	0.001057	1.3140%
1919	933.985702	0.001071	0.7676%
1918	926.870643	0.001079	0.3870%
1917	923.297587	0.001083	1.3274%
1916	911.201966	0.001097	1.4083%
1915	898.547811	0.001113	1.4458%
1914	885.741734	0.001129	1.9424%
1913	868.865058	0.001151	1.9857%
1912	851.948168	0.001174	1.5634%
1911	838.833780	0.001192	1.8169%
1910	823.864844	0.001214	1.8781%
1909	808.677391	0.001237	2.0082%
1908	792.756926	0.001261	1.9603%
1907	777.515639	0.001286	1.8264%
1906	763.570152	0.001310	1.9357%
1905	749.070599	0.001335	2.0148%
1904	734.276139	0.001362	2.1335%
1903	718.937417	0.001391	1.8151%
1902	706.120277	0.001416	1.8943%
1901	692.992583	0.001443	3.0255%
1900	672.641805	0.001487	0.6278%
1899	668.445040	0.001496	1.7757%
1898	656.782842	0.001523	1.8078%
1897	645.120643	0.001550	1.8396%
1896	633.467382	0.001579	1.8755%
1895	621.805183	0.001608	1.9114%
1894	610.142985	0.001639	1.9486%
1893	598.480786	0.001671	1.9858%
1892	586.827525	0.001704	2.0276%
1891	575.165326	0.001739	2.6465%
1890	560.335943	0.001785	1.5328%
1889	551.876676	0.001812	2.0811%
1888	540.625559	0.001850	2.1599%
1887	529.195710	0.001890	2.2075%
1886	517.765862	0.001931	2.2592%
1885	506.327078	0.001975	2.3095%
1884	494.897230	0.002021	2.3641%
1883	483.467382	0.002068	2.4214%
1882	472.037534	0.002118	2.4815%
1881	460.607685	0.002171	3.7644%
1880	443.897623	0.002253	0.9432%
1879	439.749777	0.002274	2.1464%
1878	430.509383	0.002323	2.1913%
1877	421.277927	0.002374	2.2426%
1876	412.037534	0.002427	2.2941%
1875	402.797140	0.002483	2.3456%
1874	393.565684	0.002541	2.4043%
1873	384.325290	0.002602	2.4635%
1872	375.084897	0.002666	2.5258%
1871	365.844504	0.002733	5.9947%

1870	345.153664	0.002897	-1.0968%
1869	348.981233	0.002865	2.1930%
1868	341.492404	0.002928	2.2394%
1867	334.012511	0.002994	2.2935%
1866	326.523682	0.003063	2.3445%
1865	319.043789	0.003134	2.4037%
1864	311.554960	0.003210	2.4599%
1863	304.075067	0.003289	2.5250%
1862	296.586238	0.003372	2.5872%
1861	289.106345	0.003459	2.9504%
1860	280.820983	0.003561	2.4012%
1859	274.235925	0.003646	2.7627%
1858	266.863271	0.003747	2.8412%
1857	259.490617	0.003854	2.9243%
1856	252.117962	0.003966	3.0161%
1855	244.736372	0.004086	3.1061%
1854	237.363718	0.004213	3.2056%
1853	229.991063	0.004348	3.3118%
1852	222.618409	0.004492	3.4252%
1851	215.245755	0.004646	4.0106%
1850	206.945970	0.004832	2.3254%
1849	202.243074	0.004945	2.7841%
1848	196.764969	0.005082	2.8590%
1847	191.295800	0.005228	2.9432%
1846	185.826631	0.005381	3.0324%
1845	180.357462	0.005545	3.1325%
1844	174.879357	0.005718	3.2284%
1843	169.410188	0.005903	3.3361%
1842	163.941019	0.006100	3.4512%
1841	158.471850	0.006310	3.8105%
1840	152.654951	0.006551	2.3861%
1839	149.097408	0.006707	2.5824%
1838	145.344057	0.006880	2.6573%
1837	141.581769	0.007063	2.7232%
1836	137.828418	0.007255	2.7994%
1835	134.075067	0.007459	2.8871%
1834	130.312779	0.007674	2.9657%
1833	126.559428	0.007901	3.0563%
1832	122.806077	0.008143	3.1604%
1831	119.043789	0.008400	3.4660%
1830	115.055987	0.008691	2.4653%
1829	112.287757	0.008906	2.6804%
1828	109.356568	0.009144	10.3427%
1827	99.106345	0.010090	-4.2314%
1826	103.485255	0.009663	2.9150%
1825	100.554066	0.009945	3.0026%
1824	97.622878	0.010244	3.0955%
1823	94.691689	0.010561	3.1944%
1822	91.760500	0.010898	3.3102%
1821	88.820375	0.011259	3.2277%
1820	86.043128	0.011622	2.6573%
1819	83.815907	0.011931	2.6261%
1818	81.671135	0.012244	2.6969%

1817	79.526363	0.012574	2.7717%
1816	77.381591	0.012923	2.8507%
1815	75.236819	0.013291	2.9343%
1814	73.092046	0.013681	3.0231%
1813	70.947274	0.014095	3.1039%
1812	68.811439	0.014532	3.2172%
1811	66.666667	0.015000	3.0969%
1810	64.664075	0.015465	2.9144%
1809	62.832887	0.015915	2.8225%
1808	61.108132	0.016364	2.9199%
1807	59.374441	0.016842	2.9918%
1806	57.649687	0.017346	3.0841%
1805	55.924933	0.017881	3.1822%
1804	54.200179	0.018450	3.2868%
1803	52.475424	0.019057	3.3985%
1802	50.750670	0.019704	3.5180%
1801	49.025916	0.020397	3.3999%
1800	47.413870	0.021091	2.8419%
1799	46.103664	0.021690	2.7485%
1798	44.870420	0.022286	2.8261%
1797	43.637176	0.022916	3.7832%
1796	42.046470	0.023783	2.1272%
1795	41.170688	0.024289	3.0879%
1794	39.937444	0.025039	3.1625%
1793	38.713137	0.025831	3.2904%
1792	37.479893	0.026681	3.4024%
1791	36.246649	0.027589	3.2296%
1790	35.112663	0.028480	41.3145%
1780	24.847185	0.040246	29.4353%
1770	19.196604	0.052093	83.4728%
1750	10.462913	0.095576	29.2845%
1740	8.092940	0.123564	94.2514%
1720	4.166220	0.240026	85.8111%
1700	2.242181	0.445994	19.2490%
1690	1.880250	0.531844	88.0250%
1670	1.000000	1.000000	

***Footnote #2

All dates other than multiples of 10 [census years] are official estimates

1991 7/1	252,177,000"
1991	252,688,000A
1990	249,415,000
1990	249,924,000A
1990	248,709,873
1989	246,820,000
1989	247,343,000A
1989	247,732,000
1988	244,534,000

1988	245,057,000A
1988	244,600,000
1987	242,651,000
1987	242,200,000
1986	241,077,000
1985	237,200,000
1985	238,740,000
1984	236,158,000
1983	234,249,000
1982	231,990,000
1981	229,805,000
1980	242,321,000
1980	240,162,000
1980	237,950,000
1980	235,847,000
1980	223,239,000
1980	233,806,000
1980	231,669,000
1980	229,457,000
1980	227,220,000
1980	242,836,000A
1980	240,680,000A
1980	238,492,000A
1980	236,370,000A
1980	234,321,000A
1980	232,192,000A
1980	229,958,000A
1980	227,722,000A
1980	226,545,805
1979 7/1	224,567,000
1979 7/1	225,055,000A
1979	220,819,000
1978 7/1	222,095,000
1978 7/1	222,585,000A
1978	218,863,000
1977 7/1	219,760,000
1977 7/1	220,239,000A
1977	216,877,000
1976 7/1	217,563,000
1976 7/1	218,035,000A
1976	215,135,000
1975 7/1	215,465,000
1975 7/1	215,973,000A
1975	213,631,000
1974 7/1	213,342,000
1974 7/1	213,854,000A
1974	211,909,000
1973 7/1	209,844,000
1973 7/1	210,396,000A
1973	210,544,000
1972 7/1	208,230,000
1972 7/1	208,842,000A
1972	208,232,000

1971 7/1	206,212,000
1971 7/1	207,045,000A
1971	207,180,000
1970 revised	203,235,298
1970 7/1	203,806,000
1970 7/1	204,875,000A
1970	203,810,000
1970 4/1	203,211,926
1970 4/1	204,765,770
1970	203,302,031
1969	201,385,000
1969	202,677,000A
1969 7/1	201,385,000
1969 7/1	202,677,000A
1969	203,200,000*
1968	199,399,000
1968 7/1	199,399,000
1968 7/1	200,706,000A
1968	200,706,000A
1968	201,750,000
1967	200,000,000*
1967 7/1	195,457,000
1967 7/1	198,712,000A
1967	198,712,000A
1967	197,457,000
1966	195,857,000
1966 7/1	195,576,000
1966 7/1	196,560,000A
1966	196,560,000A
1966	195,576,000
1965 7/1	193,526,000
1965 7/1	194,303,000A
1965	193,818,000
1965	194,303,000A
1965	193,526,000
1964	191,889,000A
1964	191,141,000
1964	192,320,000
1964 7/1	191,141,000
1964 7/1	191,889,000A
1963	189,242,000A
1963	188,483,000
1963 7/1	188,483,000
1963 7/1	189,242,000A
1963	188,531,000
1962	186,538,000A
1962	185,771,000
1962	185,822,000
1962 7/1	185,771,000
1962 7/1	186,538,000A
1961	182,992,000
1961	183,691,000A
1961 7/1	182,992,000

1961 7/1	183,691,000A	
1961	182,953,000	7/1/61 est
1960	180,671,000A	
1960	177,135,000	
1960 4/1	178,464,236	
1960 7/1	179,979,000	
1960 7/1	180,671,000A	
1960 4/1	179,323,175*	
1959	177,830,000A	
1959	177,073,000A	
1959	196,289,000	
1959	178,000,000*	
1959 7/1	177,135,000	
1959 7/1	177,830,000A	
1958	174,171,000A	
1958	173,320,000	
1958 7/1	174,149,000	
1958 7/1	174,882,000A	
1958	175,500,000*	12/58 + Alaska
1957	171,274,000A	
1957	170,371,000	
1957 7/1	171,187,000	
1957 7/1	171,984,000A	
1957	171,229,000	7/1/57
1956	167,191,000	7/1/56
1956	186,221,000A	
1956	167,306,000	
1956 7/1	168,088,000	
1956 7/1	168,903,000A	
1955	162,284,000	7/1/55
1955	165,275,000A	
1955	164,308,000	
1955 7/1	165,069,000	
1955 7/1	165,931,000A	
1954	162,414,000	7/1/54
1954	162,391,000A	
1954	161,164,000	
1954 7/1	161,884,000	
1954 7/1	163,026,000A	
1953	159,565,000A	
1953	158,242,000	
1953	****below	
1953 7/1	158,596,000	
1953 7/1	160,184,000A	
1952	157,505,000	9/1/52
1952	156,954,000A	
1952	155,687,000	
1952 7/1	156,393,000	
1952 7/1	157,553,000A	
1951	154,353,000	7/1/51
1951	154,287,000A	
1951	153,310,000	
1951 7/1	153,982,000	

1951 7/1	154,878,000A	
1950	154,233,000*	4/1/50 revised 1952
1950 4/1	150,697,361	
1950	151,684,000A	
1950	151,235,000	
1950	150,697,361*	4/1/50 est* non est
1950 7/1	151,868,000	
1950 7/1	152,271,000A	
1950 4/1	151,325,798*	AL & HA
1949	149,188,000A	
1949	148,665,000	
1949	150,000,000	7/1/49+
1949 7/1	149,767,000A	
1949 7/1	149,304,000	
1948	146,631,000A	
1948	146,093,000	
1948	147,280,000	10/1/48 rel on 12/9/48
1948 7/1	147,208,000A	
1948 7/1	146,730,000	
1947	144,708,000	
1947	144,126,000A	
1947	143,446,000	
1947 7/1	144,698,000A	
1947 7/1	144,083,000	
1946	141,000,000	8/46 "
1946	141,389,000A	
1946	140,054,000	
1946	170,000,000	
1946 7/1	141,936,000A	
1946 7/1	140,686,000	
1945	139,928,000A	
1945	132,481,000	
1945	140,000,000	11/20/45
1945 7/1	140,468,000A	
1945 7/1	133,434,000	
1945	152,000,000	inc possessions
1944	138,100,874	1/1/44 est
1944	138,397,000A	
1944	132,855,000	
1944 7/1	138,916,000A	
1944 7/1	133,915,000	
1943	136,739,000A	
1943	134,245,000	
1943 7/1	137,250,000A	
1943 7/1	135,107,000	
1943	135,645,969	1/1/43 est
1942	133,965,237	1/1/42 est
1942	134,860,000A	
1942	133,920,000	
1942 7/1	135,361,000A	
1942 7/1	134,617,000	
1941	133,403,000A	
1941	133,121,000	

1941 7/1	133,894,000A	
1941 7/1	133,669,000	
1940 7/1	132,594,000A	
1940 4/1	131,669,275"	
1940	132,122,000A	
1940	131,954,000	
1940 7/1	132,547,000	
1940 4/1	150,621,231 inc possessions	
1939	131,128,000A	
1939	130,880,000	
1939 7/1	130,880,000"	
1938	129,969,000A	
1938	129,825,000	
1938 7/1	129,825,000"	
1937	128,961,000A	
1937	128,825,000	
1937 7/1	128,825,000"	
1936	128,181,000A	
1936	128,053,000	
1936 7/1	128,053,000"	
1935	127,362,000A	
1935	127,250,000	
1935 7/1	127,520,000"	
1934	126,485,000A	
1934	126,374,000	
1934 7/1	136,374,000"	
1933 7/1	125,579,000"	
1933	125,690,000A	
1933	125,549,000	
1932 7/1	122,840,000"	
1932	124,949,000A	
1932	124,840,000	
1931	124,149,000A	
1931	124,149,000	
1931 7/1	124,040,000"	
1930 4/1	122,775,046"	
1930	123,188,000A	
1930	123,077,000	
1930 7/1	123,077,000"	
1929	121,767,000	
1929 7/1	121,770,000	
1928	120,013,000	7/1/28 est
1928	120,509,000	
1928 7/1	120,501,000	
1927	118,628,000	7/1/27 est
1927	119,035,000	
1927 7/1	119,038,000	
1926	117,135,817	7/1/26 est
1926	117,136,000	7/1/26 est
1926	117,197,000	
1926 7/1	117,399,000	
1925	115,829,000	
1925	113,493,720"	7/1/25 est

1925 7/1	115,832,000	
1924	114,109,000	
1924	112,078,611	7/1/24 est
1924 7/1	114,113,000	
1923	110,663,502	7/1/23 est
1923	111,947,000	
1923 7/1	111,950,000	
1922	109,248,393	7/1/22 est
1922	110,049,000	
1922 7/1	110,055,000	
1921	107,833,284	7/1/21 est
1921	108,538,000	
1921 7/1	108,541,000	
1920	106,461,000	
1920 7/1	106,466,000	
1920	106,418,284	7/1/20 est
1920	105,683,108	10/7/20 Dir of Census Bureau
1920 1/1	105,710,620"	
1919	104,514,000	
1919 7/1	104,512,000*	
1918	105,253,300	7/1/18
1918	103,208,000	
1918 7/1	103,203,000*	[WWI, * years exclude armed forces abroad]
1917	103,368,000	
1917 7/1	103,266,000*	
1916 7/1	101,966,000	
1916	101,961,000	
1915	100,546,000	
1915 7/1	100,549,000	
1914	99,111,000	
1914 7/1	99,118,000	
1913	97,225,000	
1913 7/1	97,227,000	
1912	95,335,000	
1912 7/1	95,331,000	
1911	93,863,000	
1911 7/1	93,868,000	
1910 4/15	91,109,542	4/15/10
1910 4/15	91,972,266"	
1910	92,407,000	
1910 add ~1.5M outside Continental US		
1910 7/1	92,407,000	
1909	90,490,000	
1909 7/1	90,492,000	
1908 7/1	88,709,000	
1908	88,710,000	
1907	87,008,000	
1907 7/1	87,000,000	
1906	85,450,000	
1906 7/1	85,450,000***	
1906 7/1	85,437,000	
1905	83,822,000	
1905 7/1	83,822,000	

1905 7/1	83,820,000	
1904	82,166,000	
1904 7/1	82,166,000	
1904 7/1	82,165,000	
1903*	79,900,389	est
1903 7/1	80,632,000"	
1903	80,632,000	
1902*	78,576,436	est
1902	79,163,000	
1902 7/1	79,160,000	
1901*	77,274,967	est
1901	77,584,000	
1901 7/1	77,584,000	
1901 7/1	77,585,000	
1900	76,094,000	
1900 7/1	76,094,000"	
1900 4/15	74,610,523	
1900 7/1	76,094,000"	
1900 6/1	75,994,575"	
1900 6/1	75,994,575"	
1900 4/15	74,610,523	
1899	74,799,000	
1898	73,494,000	
1897	72,189,000	
1896	70,885,000	
1895	69,580,000	
1894	68,275,000	
1893	66,970,000	
1892	65,666,000	
1891	64,361,000	
1890 6/1	62,947,714"	
1890 6/1	62,116,811	
1890	63,056,000	
1890 6/1	62,116,811	
1890 6/1	62,947,714"	
1889	61,755,000	
1888	60,496,000	
1887	59,217,000	
1886	57,938,000	
1885	56,658,000	
1884	55,379,000	
1883	54,100,000	
1882	52,821,000	
1881	51,542,000	
1880	50,262,000	
1880 6/1	50,155,783"	
1880 6/1	49,371,340	
1880 6/1	50,155,783"	
1880 6/1	49,371,340	
1879	49,208,000	
1878	48,174,000	
1877	47,141,000	
1876	46,107,000	

1875	45,073,000
1874	44,040,000
1873	43,006,000
1872	41,972,000
1871	40,938,000
1870	39,905,000
1870 6/1	38,155,505
1870 6/1	39,818,449
1870 6/1	39,818,449
1870 6/1	38,558,371"
1870 6/1	38,155,505
1869	39,051,000
1868	38,213,000
1867	37,376,000
1866	36,538,000
1865	35,701,000
1864	34,863,000
1863	34,026,000
1862	33,188,000
1861	32,351,000
1860 6/1	31,218,021
1860 6/1	31,218,021
1860	31,513,000
1860 6/1	31,443,321"
1860 6/1	31,443,321"
1859	30,687,000
1858	29,862,000
1857	29,037,000
1856	28,212,000
1855	27,386,000
1854	26,561,000
1853	25,736,000
1852	24,911,000
1851	24,086,000
1850 6/1	23,067,262
1850	23,261,000
1850 6/1	23,191,876"
1850 6/1	23,067,262
1850 6/1	23,191,876"
1849	22,631,000
1848	22,018,000
1847	21,406,000
1846	20,794,000
1845	20,182,000
1844	19,569,000
1843	18,957,000
1842	18,345,000
1841	17,733,000
1840	17,120,000
1840 6/1	17,069,453"
1840 6/1	17,069,453"
1839	16,684,000
1838	16,264,000

1837	15,843,000
1836	15,423,000
1835	15,003,000
1834	14,582,000
1833	14,162,000
1832	13,742,000
1831	13,321,000
1830 6/1	12,866,020"
1830	12,901,000
1830 6/1	12,866,020"
1829	12,565,000
1828	12,237,000
1827	11,090,000
1826	11,580,000
1825	11,252,000
1824	10,924,000
1823	10,596,000
1822	10,268,000
1821	9,939,000
1820 8/7	9,638,453"
1820 8/7	9,638,453"
1820	9,618,000
1819	9,379,000
1818	9,139,000
1817	8,899,000
1816	8,659,000
1815	8,419,000
1814	8,179,000
1813	7,939,000
1812	7,700,000
1811	7,460,000
1810 8/6	7,239,881"
1810	7,224,000
1810 8/6	7,239,881"
1809	7,031,000
1808	6,838,000
1807	6,644,000
1806	6,451,000
1805	6,258,000
1804	6,065,000
1803	5,872,000
1802	5,679,000
1801	5,486,000
1800 8/4	5,308,483"
1800	5,297,000
1800 8/4	5,308,483"
1799	5,159,000
1798	5,021,000
1797	4,883,000
1796	4,705,000
1795	4,607,000
1794	4,469,000
1793	4,332,000

1792	4,194,000
1791	4,056,000
1790	3,929,000
1790 8/2	3,929,214"
1780	2,780,400
1770	2,148,100
1750	1,170,800
1740	905,600
1720	466,200
1700	250,900
1690	210,400
1670	111,900
1650	50,400
1630	4,600

" indicates a figure has been found in multiple sources.

cates a figure has been found in multiple sources.

5%

1949	320.287967	0.003122	1.7790%
1948	314.689511	0.003178	1.8242%
1947	309.051909	0.003236	-2.6320%
1946	317.406156	0.003151	3.1768%
1945	307.633258	0.003251	6.4754%
1944	288.924213	0.003461	-0.3437%
1943	289.920601	0.003449	0.6562%
1942	288.030478	0.003472	0.6633%
1941	286.132561	0.003495	-5.6614%
1940	303.303891	0.003297	8.0381%
1939	280.737881	0.003562	0.8126%

1938	278.474903	0.003591	0.7762%
1937	276.329901	0.003619	0.6029%
1936	274.673960	0.003641	0.5244%
1935	273.241098	0.003660	-3.0364%
1934	281.797512	0.003549	4.6271%
1933	269.335049	0.003713	1.3921%
1932	265.637066	0.003765	-0.2051%
1931	266.182969	0.003757	0.8886%
1930	263.838505	0.003790	1.0126%
1929	261.193694	0.003829	1.1526%
1928	258.217503	0.003873	1.2160%
1927	255.115294	0.003920	1.4086%
1926	251.571701	0.003975	1.7667%
1925	247.204376	0.004045	1.4465%
1924	243.679541	0.004104	1.7700%
1923	239.441495	0.004176	1.6165%
1922	235.632450	0.004244	1.3736%
1921	232.439556	0.004302	2.3393%
1920	227.126362	0.004403	1.3140%
1919	224.180609	0.004461	0.7676%
1918	222.472812	0.004495	0.3870%
1917	221.615187	0.004512	1.3274%
1916	218.711926	0.004572	1.4083%
1915	215.674603	0.004637	1.4458%
1914	212.600815	0.004704	1.9424%
1913	208.549979	0.004795	1.9857%

1912	204.489489	0.004890	1.5634%
1911	201.341699	0.004967	1.8169%
1910	197.748769	0.005057	1.8781%
1909	194.103389	0.005152	2.0082%
1908	190.282068	0.005255	1.9603%
1907	186.623767	0.005358	1.8264%
1906	183.276491	0.005456	1.9357%
1905	179.796225	0.005562	2.0148%
1904	176.245174	0.005674	2.1335%
1903	172.563486	0.005795	1.8151%
1902	169.487042	0.005900	1.8943%
1901	166.336057	0.006012	3.0255%
1900	161.451347	0.006194	0.6278%
1899	160.444015	0.006233	1.7757%
1898	157.644788	0.006343	1.8078%
1897	154.845560	0.006458	1.8396%
1896	152.048477	0.006577	1.8755%
1895	149.249249	0.006700	1.9114%
1894	146.450021	0.006828	1.9486%
1893	143.650794	0.006961	1.9858%
1892	140.853711	0.007100	2.0276%
1891	138.054483	0.007244	2.6465%
1890	134.495049	0.007435	1.5328%
1889	132.464607	0.007549	2.0811%
1888	129.764050	0.007706	2.1599%
1887	127.020592	0.007873	2.2075%
1886	124.277134	0.008047	2.2592%

1885	121.531532	0.008228	2.3095%
1884	118.788074	0.008418	2.3641%
1883	116.044616	0.008617	2.4214%
1882	113.301158	0.008826	2.4815%
1881	110.557701	0.009045	3.7644%
1880	106.546855	0.009386	0.9432%
1879	105.551266	0.009474	2.1464%
1878	103.333333	0.009677	2.1913%
1877	101.117546	0.009889	2.2426%
1876	98.899614	0.010111	2.2941%
1875	96.681682	0.010343	2.3456%
1874	94.465894	0.010586	2.4043%
1873	92.247962	0.010840	2.4635%
1872	90.030030	0.011107	2.5258%
1871	87.812098	0.011388	5.9947%
1870	82.845764	0.012071	-1.0968%
1869	83.764479	0.011938	2.1930%
1868	81.966967	0.012200	2.2394%
1867	80.171600	0.012473	2.2935%
1866	78.374088	0.012759	2.3445%
1865	76.578722	0.013058	2.4037%
1864	74.781210	0.013372	2.4599%
1863	72.985843	0.013701	2.5250%
1862	71.188331	0.014047	2.5872%
1861	69.392964	0.014411	2.9504%
1860	67.404264	0.014836	2.4012%

1859	65.823681	0.015192	2.7627%
1858	64.054054	0.015612	2.8412%
1857	62.284427	0.016055	2.9243%
1856	60.514801	0.016525	3.0161%
1855	58.743029	0.017023	3.1061%
1854	56.973402	0.017552	3.2056%
1853	55.203775	0.018115	3.3118%
1852	53.434148	0.018715	3.4252%
1851	51.664522	0.019356	4.0106%
1850	49.672360	0.020132	2.3254%
1849	48.543544	0.020600	2.7841%
1848	47.228657	0.021174	2.8590%
1847	45.915916	0.021779	2.9432%
1846	44.603175	0.022420	3.0324%
1845	43.290433	0.023100	3.1325%
1844	41.975547	0.023823	3.2284%
1843	40.662806	0.024592	3.3361%
1842	39.350064	0.025413	3.4512%
1841	38.037323	0.026290	3.8105%
1840	36.641118	0.027292	2.3861%
1839	35.787216	0.027943	2.5824%
1838	34.886315	0.028665	2.6573%
1837	33.983269	0.029426	2.7232%
1836	33.082368	0.030228	2.7994%
1835	32.181467	0.031074	2.8871%
1834	31.278421	0.031971	2.9657%
1833	30.377520	0.032919	3.0563%

1832	29.476619	0.033925	3.1604%
1831	28.573574	0.034997	3.4660%
1830	27.616399	0.036210	2.4653%
1829	26.951952	0.037103	2.6804%
1828	26.248391	0.038098	10.3427%
1827	23.788074	0.042038	-4.2314%
1826	24.839125	0.040259	2.9150%
1825	24.135564	0.041433	3.0026%
1824	23.432003	0.042677	3.0955%
1823	22.728443	0.043998	3.1944%
1822	22.024882	0.045403	3.3102%
1821	21.319176	0.046906	3.2277%
1820	20.652565	0.048420	2.6573%
1819	20.117975	0.049707	2.6261%
1818	19.603175	0.051012	2.6969%
1817	19.088374	0.052388	2.7717%
1816	18.573574	0.053840	2.8507%
1815	18.058773	0.055375	2.9343%
1814	17.543973	0.057000	3.0231%
1813	17.029172	0.058723	3.1039%
1812	16.516517	0.060545	3.2172%
1811	16.001716	0.062493	3.0969%
1810	15.521042	0.064429	2.9144%
1809	15.081510	0.066306	2.8225%
1808	14.667525	0.068178	2.9199%
1807	14.251394	0.070169	2.9918%

1806	13.837409	0.072268	3.0841%
1805	13.423423	0.074497	3.1822%
1804	13.009438	0.076867	3.2868%
1803	12.595453	0.079394	3.3985%
1802	12.181467	0.082092	3.5180%
1801	11.767482	0.084980	3.3999%
1800	11.380549	0.087869	2.8419%
1799	11.066066	0.090366	2.7485%
1798	10.770056	0.092850	2.8261%
1797	10.474045	0.095474	3.7832%
1796	10.092235	0.099086	2.1272%
1795	9.882025	0.101194	3.0879%
1794	9.586015	0.104319	3.1625%
1793	9.292149	0.107618	3.2904%
1792	8.996139	0.111159	3.4024%
1791	8.700129	0.114941	3.2296%
1790	8.427943	0.118653	41.3145%
1780	5.963964	0.167674	29.4353%
1770	4.607679	0.217029	83.4728%
1750	2.511369	0.398189	29.2845%
1740	1.942514	0.514797	94.2514%
1720	1.000000	1.000000	85.8111%
1700	0.538181	1.858111	19.2490%
1690	0.451308	2.215779	88.0250%
1670	0.240026	4.166220	

BASE YEAR: 1700

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1201.396369	0.000832	8.2857%
2001	1109.469506	0.000901	1.0000%
2000	1098.484544	0.000910	1.0000%
1999	1087.608458	0.000919	1.0000%
1998	1076.840056	0.000929	1.0000%
1997	1066.178274	0.000938	1.0000%
1996	1055.622053	0.000947	1.0000%
1995	1045.170347	0.000957	0.9992%
1994	1034.830100	0.000966	1.0008%
1993	1024.576365	0.000976	1.0000%
1992	1014.432045	0.000986	0.9295%
1991	1005.089677	0.000995	1.2505%
1990	992.676110	0.001007	0.7224%
1989	985.555998	0.001015	1.1077%
1988	974.758868	0.001026	0.8834%
1987	966.223595	0.001035	0.5594%
1986	960.848944	0.001041	1.3056%
1985	948.465524	0.001054	0.7673%
1984	941.243523	0.001062	0.8149%
1983	933.634914	0.001071	0.9737%
1982	924.631327	0.001082	0.9508%
1981	915.922678	0.001092	0.9031%
1980	907.725321	0.001102	2.2701%

1979	887.576724	0.001127	1.0042%
1978	878.752491	0.001138	0.9896%
1977	870.141491	0.001149	0.9103%
1976	862.291750	0.001160	0.8394%
1975	855.113591	0.001169	0.9042%
1974	847.451176	0.001180	1.1568%
1973	837.760064	0.001194	0.9427%
1972	829.936230	0.001205	0.7426%
1971	823.818254	0.001214	1.4697%
1970	811.885668	0.001232	0.6968%
1969	806.267437	0.001240	0.8565%
1968	799.420088	0.001251	1.5090%
1967	787.535871	0.001270	0.9949%
1966	779.777800	0.001282	1.0575%
1965	771.618175	0.001296	1.1300%
1964	762.996214	0.001311	1.5537%
1963	751.323236	0.001331	1.4658%
1962	740.469310	0.001350	1.5364%
1961	729.264647	0.001371	2.1586%
1960	713.855090	0.001401	-1.6655%
1959	725.945596	0.001378	4.3080%
1958	695.963531	0.001437	2.1130%
1957	681.562375	0.001467	1.9895%
1956	668.267238	0.001496	2.1231%
1955	654.374253	0.001528	1.4496%
1954	645.023914	0.001550	2.1573%
1953	631.402949	0.001584	1.2298%

1952	623.732563	0.001603	1.6814%
1951	613.418693	0.001630	1.6233%
1950	603.620287	0.001657	1.4265%
1949	595.130530	0.001680	1.7790%
1948	584.727979	0.001710	1.8242%
1947	574.252690	0.001741	-2.6320%
1946	589.775807	0.001696	3.1768%
1945	571.616680	0.001749	6.4754%
1944	536.853200	0.001863	-0.3437%
1943	538.704599	0.001856	0.6562%
1942	535.192543	0.001868	0.6633%
1941	531.666002	0.001881	-5.6614%
1940	563.572236	0.001774	8.0381%
1939	521.642088	0.001917	0.8126%
1938	517.437226	0.001933	0.7762%
1937	513.451574	0.001948	0.6029%
1936	510.374651	0.001959	0.5244%
1935	507.712236	0.001970	-3.0364%
1934	523.611000	0.001910	4.6271%
1933	500.454364	0.001998	1.3921%
1932	493.583101	0.002026	-0.2051%
1931	494.597449	0.002022	0.8886%
1930	490.241176	0.002040	1.0126%
1929	485.326823	0.002060	1.1526%
1928	479.796732	0.002084	1.2160%
1927	474.032483	0.002110	1.4086%

1926	467.448095	0.002139	1.7667%
1925	459.333121	0.002177	1.4465%
1924	452.783587	0.002209	1.7700%
1923	444.908828	0.002248	1.6165%
1922	437.831200	0.002284	1.3736%
1921	431.898450	0.002315	2.3393%
1920	422.025947	0.002370	1.3140%
1919	416.552411	0.002401	0.7676%
1918	413.379135	0.002419	0.3870%
1917	411.785572	0.002428	1.3274%
1916	406.390992	0.002461	1.4083%
1915	400.747310	0.002495	1.4458%
1914	395.035871	0.002531	1.9424%
1913	387.508968	0.002581	1.9857%
1912	379.964129	0.002632	1.5634%
1911	374.115185	0.002673	1.8169%
1910	367.439123	0.002722	1.8781%
1909	360.665604	0.002773	2.0082%
1908	353.565165	0.002828	1.9603%
1907	346.767637	0.002884	1.8264%
1906	340.548027	0.002936	1.9357%
1905	334.081307	0.002993	2.0148%
1904	327.483061	0.003054	2.1335%
1903	320.642077	0.003119	1.8151%
1902	314.925703	0.003175	1.8943%
1901	309.070825	0.003236	3.0255%
1900	299.994492	0.003333	0.6278%

1899	298.122758	0.003354	1.7757%
1898	292.921483	0.003414	1.8078%
1897	287.720207	0.003476	1.8396%
1896	282.522917	0.003540	1.8755%
1895	277.321642	0.003606	1.9114%
1894	272.120367	0.003675	1.9486%
1893	266.919091	0.003746	1.9858%
1892	261.721802	0.003821	2.0276%
1891	256.520526	0.003898	2.6465%
1890	249.906704	0.004001	1.5328%
1889	246.133918	0.004063	2.0811%
1888	241.115982	0.004147	2.1599%
1887	236.018334	0.004237	2.2075%
1886	230.920686	0.004330	2.2592%
1885	225.819051	0.004428	2.3095%
1884	220.721403	0.004531	2.3641%
1883	215.623754	0.004638	2.4214%
1882	210.526106	0.004750	2.4815%
1881	205.428458	0.004868	3.7644%
1880	197.975863	0.005051	0.9432%
1879	196.125947	0.005099	2.1464%
1878	192.004783	0.005208	2.1913%
1877	187.887605	0.005322	2.2426%
1876	183.766441	0.005442	2.2941%
1875	179.645277	0.005567	2.3456%
1874	175.528099	0.005697	2.4043%

1873	171.406935	0.005834	2.4635%
1872	167.285771	0.005978	2.5258%
1871	163.164607	0.006129	5.9947%
1870	153.936608	0.006496	-1.0968%
1869	155.643683	0.006425	2.1930%
1868	152.303707	0.006566	2.2394%
1867	148.967716	0.006713	2.2935%
1866	145.627740	0.006867	2.3445%
1865	142.291750	0.007028	2.4037%
1864	138.951774	0.007197	2.4599%
1863	135.615783	0.007374	2.5250%
1862	132.275807	0.007560	2.5872%
1861	128.939817	0.007756	2.9504%
1860	125.244591	0.007984	2.4012%
1859	122.307692	0.008176	2.7627%
1858	119.019530	0.008402	2.8412%
1857	115.731367	0.008641	2.9243%
1856	112.443204	0.008893	3.0161%
1855	109.151056	0.009162	3.1061%
1854	105.862894	0.009446	3.2056%
1853	102.574731	0.009749	3.3118%
1852	99.286568	0.010072	3.4252%
1851	95.998406	0.010417	4.0106%
1850	92.296748	0.010835	2.3254%
1849	90.199283	0.011087	2.7841%
1848	87.756078	0.011395	2.8590%
1847	85.316859	0.011721	2.9432%

1846	82.877640	0.012066	3.0324%
1845	80.438422	0.012432	3.1325%
1844	77.995217	0.012821	3.2284%
1843	75.555998	0.013235	3.3361%
1842	73.116780	0.013677	3.4512%
1841	70.677561	0.014149	3.8105%
1840	68.083256	0.014688	2.3861%
1839	66.496612	0.015038	2.5824%
1838	64.822639	0.015427	2.6573%
1837	63.144679	0.015837	2.7232%
1836	61.470705	0.016268	2.7994%
1835	59.796732	0.016723	2.8871%
1834	58.118772	0.017206	2.9657%
1833	56.444799	0.017716	3.0563%
1832	54.770825	0.018258	3.1604%
1831	53.092866	0.018835	3.4660%
1830	51.314328	0.019488	2.4653%
1829	50.079713	0.019968	2.6804%
1828	48.772419	0.020503	10.3427%
1827	44.200877	0.022624	-4.2314%
1826	46.153846	0.021667	2.9150%
1825	44.846552	0.022298	3.0026%
1824	43.539259	0.022968	3.0955%
1823	42.231965	0.023679	3.1944%
1822	40.924671	0.024435	3.3102%
1821	39.613392	0.025244	3.2277%

1820	38.374755	0.026059	2.6573%
1819	37.381427	0.026751	2.6261%
1818	36.424870	0.027454	2.6969%
1817	35.468314	0.028194	2.7717%
1816	34.511758	0.028976	2.8507%
1815	33.555201	0.029802	2.9343%
1814	32.598645	0.030676	3.0231%
1813	31.642088	0.031603	3.1039%
1812	30.689518	0.032584	3.2172%
1811	29.732961	0.033633	3.0969%
1810	28.839817	0.034674	2.9144%
1809	28.023117	0.035685	2.8225%
1808	27.253886	0.036692	2.9199%
1807	26.480670	0.037763	2.9918%
1806	25.711439	0.038893	3.0841%
1805	24.942208	0.040093	3.1822%
1804	24.172977	0.041369	3.2868%
1803	23.403747	0.042728	3.3985%
1802	22.634516	0.044180	3.5180%
1801	21.865285	0.045735	3.3999%
1800	21.146321	0.047290	2.8419%
1799	20.561977	0.048633	2.7485%
1798	20.011957	0.049970	2.8261%
1797	19.461937	0.051382	3.7832%
1796	18.752491	0.053326	2.1272%
1795	18.361897	0.054461	3.0879%
1794	17.811877	0.056142	3.1625%

1793	17.265843	0.057918	3.2904%
1792	16.715823	0.059824	3.4024%
1791	16.165803	0.061859	3.2296%
1790	15.660052	0.063857	41.3145%
1780	11.081706	0.090239	29.4353%
1770	8.561578	0.116801	83.4728%
1750	4.666401	0.214298	29.2845%
1740	3.609406	0.277054	94.2514%
1720	1.858111	0.538181	85.8111%
1700	1.000000	1.000000	19.2490%
1690	0.838581	1.192490	88.0250%
1670	0.445994	2.242181	

BASE YEAR: 1690

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	1432.653750	0.000698	8.2857%
2001	1323.031839	0.000756	1.0000%
2000	1309.932376	0.000763	1.0000%
1999	1296.962747	0.000771	1.0000%
1998	1284.121530	0.000779	1.0000%
1997	1271.407457	0.000787	1.0000%
1996	1258.819263	0.000794	1.0000%
1995	1246.355703	0.000802	0.9992%
1994	1234.025057	0.000810	1.0008%

1993	1221.797576	0.000818	1.0000%
1992	1209.700570	0.000827	0.9295%
1991	1198.559886	0.000834	1.2505%
1990	1183.756825	0.000845	0.7224%
1989	1175.266160	0.000851	1.1077%
1988	1162.390684	0.000860	0.8834%
1987	1152.212452	0.000868	0.5594%
1986	1145.803232	0.000873	1.3056%
1985	1131.036122	0.000884	0.7673%
1984	1122.423954	0.000891	0.8149%
1983	1113.350760	0.000898	0.9737%
1982	1102.614068	0.000907	0.9508%
1981	1092.229087	0.000916	0.9031%
1980	1082.453817	0.000924	2.2701%
1979	1058.426806	0.000945	1.0042%
1978	1047.903992	0.000954	0.9896%
1977	1037.635456	0.000964	0.9103%
1976	1028.274715	0.000973	0.8394%
1975	1019.714829	0.000981	0.9042%
1974	1010.577471	0.000990	1.1568%
1973	999.020913	0.001001	0.9427%
1972	989.691065	0.001010	0.7426%
1971	982.395437	0.001018	1.4697%
1970	968.165941	0.001033	0.6968%
1969	961.466255	0.001040	0.8565%
1968	953.300856	0.001049	1.5090%
1967	939.129040	0.001065	0.9949%

1966	929.877614	0.001075	1.0575%
1965	920.147338	0.001087	1.1300%
1964	909.865732	0.001099	1.5537%
1963	895.945817	0.001116	1.4658%
1962	883.002614	0.001132	1.5364%
1961	869.641160	0.001150	2.1586%
1960	851.265409	0.001175	-1.6655%
1959	865.683222	0.001155	4.3080%
1958	829.929895	0.001205	2.1130%
1957	812.756654	0.001230	1.9895%
1956	796.902329	0.001255	2.1231%
1955	780.335076	0.001282	1.4496%
1954	769.184886	0.001300	2.1573%
1953	752.942015	0.001328	1.2298%
1952	743.795152	0.001344	1.6814%
1951	731.495960	0.001367	1.6233%
1950	719.811454	0.001389	1.4265%
1949	709.687500	0.001409	1.7790%
1948	697.282557	0.001434	1.8242%
1947	684.790875	0.001460	-2.6320%
1946	703.302044	0.001422	3.1768%
1945	681.647457	0.001467	6.4754%
1944	640.192338	0.001562	-0.3437%
1943	642.400114	0.001557	0.6562%
1942	638.212020	0.001567	0.6633%
1941	634.006654	0.001577	-5.6614%

1940	672.054534	0.001488	8.0381%
1939	622.053232	0.001608	0.8126%
1938	617.038973	0.001621	0.7762%
1937	612.286122	0.001633	0.6029%
1936	608.616920	0.001643	0.5244%
1935	605.442015	0.001652	-3.0364%
1934	624.401141	0.001602	4.6271%
1933	596.787072	0.001676	1.3921%
1932	588.593156	0.001699	-0.2051%
1931	589.802757	0.001695	0.8886%
1930	584.607942	0.001711	1.0126%
1929	578.747624	0.001728	1.1526%
1928	572.153042	0.001748	1.2160%
1927	565.279230	0.001769	1.4086%
1926	557.427410	0.001794	1.7667%
1925	547.750380	0.001826	1.4465%
1924	539.940124	0.001852	1.7700%
1923	530.549548	0.001885	1.6165%
1922	522.109544	0.001915	1.3736%
1921	515.034796	0.001942	2.3393%
1920	503.261930	0.001987	1.3140%
1919	496.734791	0.002013	0.7676%
1918	492.950689	0.002029	0.3870%
1917	491.050380	0.002036	1.3274%
1916	484.617395	0.002063	1.4083%
1915	477.887357	0.002093	1.4458%
1914	471.076521	0.002123	1.9424%

1913	462.100760	0.002164	1.9857%
1912	453.103612	0.002207	1.5634%
1911	446.128802	0.002242	1.8169%
1910	438.167662	0.002282	1.8781%
1909	430.090304	0.002325	2.0082%
1908	421.623099	0.002372	1.9603%
1907	413.517110	0.002418	1.8264%
1906	406.100285	0.002462	1.9357%
1905	398.388783	0.002510	2.0148%
1904	390.520437	0.002561	2.1335%
1903	382.362628	0.002615	1.8151%
1902	375.545908	0.002663	1.8943%
1901	368.564021	0.002713	3.0255%
1900	357.740580	0.002795	0.6278%
1899	355.508555	0.002813	1.7757%
1898	349.306084	0.002863	1.8078%
1897	343.103612	0.002915	1.8396%
1896	336.905894	0.002968	1.8755%
1895	330.703422	0.003024	1.9114%
1894	324.500951	0.003082	1.9486%
1893	318.298479	0.003142	1.9858%
1892	312.100760	0.003204	2.0276%
1891	305.898289	0.003269	2.6465%
1890	298.011369	0.003356	1.5328%
1889	293.512357	0.003407	2.0811%
1888	287.528517	0.003478	2.1599%

1887	281.449620	0.003553	2.2075%
1886	275.370722	0.003631	2.2592%
1885	269.287072	0.003714	2.3095%
1884	263.208175	0.003799	2.3641%
1883	257.129278	0.003889	2.4214%
1882	251.050380	0.003983	2.4815%
1881	244.971483	0.004082	3.7644%
1880	236.084335	0.004236	0.9432%
1879	233.878327	0.004276	2.1464%
1878	228.963878	0.004368	2.1913%
1877	224.054183	0.004463	2.2426%
1876	219.139734	0.004563	2.2941%
1875	214.225285	0.004668	2.3456%
1874	209.315589	0.004777	2.4043%
1873	204.401141	0.004892	2.4635%
1872	199.486692	0.005013	2.5258%
1871	194.572243	0.005139	5.9947%
1870	183.567942	0.005448	-1.0968%
1869	185.603612	0.005388	2.1930%
1868	181.620722	0.005506	2.2394%
1867	177.642586	0.005629	2.2935%
1866	173.659696	0.005758	2.3445%
1865	169.681559	0.005893	2.4037%
1864	165.698669	0.006035	2.4599%
1863	161.720532	0.006184	2.5250%
1862	157.737643	0.006340	2.5872%
1861	153.759506	0.006504	2.9504%

1860	149.352985	0.006696	2.4012%
1859	145.850760	0.006856	2.7627%
1858	141.929658	0.007046	2.8412%
1857	138.008555	0.007246	2.9243%
1856	134.087452	0.007458	3.0161%
1855	130.161597	0.007683	3.1061%
1854	126.240494	0.007921	3.2056%
1853	122.319392	0.008175	3.3118%
1852	118.398289	0.008446	3.4252%
1851	114.477186	0.008735	4.0106%
1850	110.062994	0.009086	2.3254%
1849	107.561787	0.009297	2.7841%
1848	104.648289	0.009556	2.8590%
1847	101.739544	0.009829	2.9432%
1846	98.830798	0.010118	3.0324%
1845	95.922053	0.010425	3.1325%
1844	93.008555	0.010752	3.2284%
1843	90.099810	0.011099	3.3361%
1842	87.191065	0.011469	3.4512%
1841	84.282319	0.011865	3.8105%
1840	81.188636	0.012317	2.3861%
1839	79.296578	0.012611	2.5824%
1838	77.300380	0.012937	2.6573%
1837	75.299430	0.013280	2.7232%
1836	73.303232	0.013642	2.7994%
1835	71.307034	0.014024	2.8871%

1834	69.306084	0.014429	2.9657%
1833	67.309886	0.014857	3.0563%
1832	65.313688	0.015311	3.1604%
1831	63.312738	0.015795	3.4660%
1830	61.191849	0.016342	2.4653%
1829	59.719582	0.016745	2.6804%
1828	58.160646	0.017194	10.3427%
1827	52.709125	0.018972	-4.2314%
1826	55.038023	0.018169	2.9150%
1825	53.479087	0.018699	3.0026%
1824	51.920152	0.019260	3.0955%
1823	50.361217	0.019857	3.1944%
1822	48.802281	0.020491	3.3102%
1821	47.238593	0.021169	3.2277%
1820	45.761530	0.021852	2.6573%
1819	44.576996	0.022433	2.6261%
1818	43.436312	0.023022	2.6969%
1817	42.295627	0.023643	2.7717%
1816	41.154943	0.024298	2.8507%
1815	40.014259	0.024991	2.9343%
1814	38.873574	0.025724	3.0231%
1813	37.732890	0.026502	3.1039%
1812	36.596958	0.027325	3.2172%
1811	35.456274	0.028204	3.0969%
1810	34.391207	0.029077	2.9144%
1809	33.417300	0.029925	2.8225%
1808	32.500000	0.030769	2.9199%

1807	31.577947	0.031668	2.9918%
1806	30.660646	0.032615	3.0841%
1805	29.743346	0.033621	3.1822%
1804	28.826046	0.034691	3.2868%
1803	27.908745	0.035831	3.3985%
1802	26.991445	0.037049	3.5180%
1801	26.074144	0.038352	3.3999%
1800	25.216787	0.039656	2.8419%
1799	24.519962	0.040783	2.7485%
1798	23.864068	0.041904	2.8261%
1797	23.208175	0.043088	3.7832%
1796	22.362167	0.044718	2.1272%
1795	21.896388	0.045670	3.0879%
1794	21.240494	0.047080	3.1625%
1793	20.589354	0.048569	3.2904%
1792	19.933460	0.050167	3.4024%
1791	19.277567	0.051874	3.2296%
1790	18.674463	0.053549	41.3145%
1780	13.214829	0.075673	29.4353%
1770	10.209601	0.097947	83.4728%
1750	5.564639	0.179706	29.2845%
1740	4.304183	0.232332	94.2514%
1720	2.215779	0.451308	85.8111%
1700	1.192490	0.838581	19.2490%
1690	1.000000	1.000000	88.0250%
1670	0.531844	1.880250	

BASE YEAR: 1670

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009	2693.747534	0.000371	8.2857%
2001	2487.630912	0.000402	1.0000%
2000	2463.000643	0.000406	1.0000%
1999	2438.614495	0.000410	1.0000%
1998	2414.469794	0.000414	1.0000%
1997	2390.564155	0.000418	1.0000%
1996	2366.895201	0.000422	1.0000%
1995	2343.460590	0.000427	0.9992%
1994	2320.275889	0.000431	1.0008%
1993	2297.285165	0.000435	1.0000%
1992	2274.539768	0.000440	0.9295%
1991	2253.592493	0.000444	1.2505%
1990	2225.759035	0.000449	0.7224%
1989	2209.794459	0.000453	1.1077%
1988	2185.585344	0.000458	0.8834%
1987	2166.447721	0.000462	0.5594%
1986	2154.396783	0.000464	1.3056%
1985	2126.630920	0.000470	0.7673%
1984	2110.437891	0.000474	0.8149%
1983	2093.378016	0.000478	0.9737%
1982	2073.190349	0.000482	0.9508%
1981	2053.663986	0.000487	0.9031%

1980	2035.284030	0.000491	2.2701%
1979	1990.107239	0.000502	1.0042%
1978	1970.321716	0.000508	0.9896%
1977	1951.014298	0.000513	0.9103%
1976	1933.413762	0.000517	0.8394%
1975	1917.319035	0.000522	0.9042%
1974	1900.138517	0.000526	1.1568%
1973	1878.409294	0.000532	0.9427%
1972	1860.866845	0.000537	0.7426%
1971	1847.149240	0.000541	1.4697%
1970	1820.394227	0.000549	0.6968%
1969	1807.797140	0.000553	0.8565%
1968	1792.444147	0.000558	1.5090%
1967	1765.797587	0.000566	0.9949%
1966	1748.402592	0.000572	1.0575%
1965	1730.107239	0.000578	1.1300%
1964	1710.775246	0.000585	1.5537%
1963	1684.602324	0.000594	1.4658%
1962	1660.265862	0.000602	1.5364%
1961	1635.142985	0.000612	2.1586%
1960	1600.591975	0.000625	-1.6655%
1959	1627.701072	0.000614	4.3080%
1958	1560.475871	0.000641	2.1130%
1957	1528.185880	0.000654	1.9895%
1956	1498.375782	0.000667	2.1231%
1955	1467.225201	0.000682	1.4496%

1954	1446.260054	0.000691	2.1573%
1953	1415.719392	0.000706	1.2298%
1952	1398.521001	0.000715	1.6814%
1951	1375.395442	0.000727	1.6233%
1950	1353.425648	0.000739	1.4265%
1949	1334.390080	0.000749	1.7790%
1948	1311.065684	0.000763	1.8242%
1947	1287.578195	0.000777	-2.6320%
1946	1322.383825	0.000756	3.1768%
1945	1281.667784	0.000780	6.4754%
1944	1203.721787	0.000831	-0.3437%
1943	1207.872958	0.000828	0.6562%
1942	1199.998293	0.000833	0.6633%
1941	1192.091153	0.000839	-5.6614%
1940	1263.630688	0.000791	8.0381%
1939	1169.615728	0.000855	0.8126%
1938	1160.187668	0.000862	0.7762%
1937	1151.251117	0.000869	0.6029%
1936	1144.352100	0.000874	0.5244%
1935	1138.382484	0.000878	-3.0364%
1934	1174.030384	0.000852	4.6271%
1933	1122.109026	0.000891	1.3921%
1932	1106.702413	0.000904	-0.2051%
1931	1108.976765	0.000902	0.8886%
1930	1099.209214	0.000910	1.0126%
1929	1088.190349	0.000919	1.1526%
1928	1075.790885	0.000930	1.2160%

1927	1062.866399	0.000941	1.4086%
1926	1048.103012	0.000954	1.7667%
1925	1029.907775	0.000971	1.4465%
1924	1015.222538	0.000985	1.7700%
1923	997.565907	0.001002	1.6165%
1922	981.696586	0.001019	1.3736%
1921	968.394290	0.001033	2.3393%
1920	946.258356	0.001057	1.3140%
1919	933.985702	0.001071	0.7676%
1918	926.870643	0.001079	0.3870%
1917	923.297587	0.001083	1.3274%
1916	911.201966	0.001097	1.4083%
1915	898.547811	0.001113	1.4458%
1914	885.741734	0.001129	1.9424%
1913	868.865058	0.001151	1.9857%
1912	851.948168	0.001174	1.5634%
1911	838.833780	0.001192	1.8169%
1910	823.864844	0.001214	1.8781%
1909	808.677391	0.001237	2.0082%
1908	792.756926	0.001261	1.9603%
1907	777.515639	0.001286	1.8264%
1906	763.570152	0.001310	1.9357%
1905	749.070599	0.001335	2.0148%
1904	734.276139	0.001362	2.1335%
1903	718.937417	0.001391	1.8151%
1902	706.120277	0.001416	1.8943%

1901	692.992583	0.001443	3.0255%
1900	672.641805	0.001487	0.6278%
1899	668.445040	0.001496	1.7757%
1898	656.782842	0.001523	1.8078%
1897	645.120643	0.001550	1.8396%
1896	633.467382	0.001579	1.8755%
1895	621.805183	0.001608	1.9114%
1894	610.142985	0.001639	1.9486%
1893	598.480786	0.001671	1.9858%
1892	586.827525	0.001704	2.0276%
1891	575.165326	0.001739	2.6465%
1890	560.335943	0.001785	1.5328%
1889	551.876676	0.001812	2.0811%
1888	540.625559	0.001850	2.1599%
1887	529.195710	0.001890	2.2075%
1886	517.765862	0.001931	2.2592%
1885	506.327078	0.001975	2.3095%
1884	494.897230	0.002021	2.3641%
1883	483.467382	0.002068	2.4214%
1882	472.037534	0.002118	2.4815%
1881	460.607685	0.002171	3.7644%
1880	443.897623	0.002253	0.9432%
1879	439.749777	0.002274	2.1464%
1878	430.509383	0.002323	2.1913%
1877	421.277927	0.002374	2.2426%
1876	412.037534	0.002427	2.2941%
1875	402.797140	0.002483	2.3456%

1874	393.565684	0.002541	2.4043%
1873	384.325290	0.002602	2.4635%
1872	375.084897	0.002666	2.5258%
1871	365.844504	0.002733	5.9947%
1870	345.153664	0.002897	-1.0968%
1869	348.981233	0.002865	2.1930%
1868	341.492404	0.002928	2.2394%
1867	334.012511	0.002994	2.2935%
1866	326.523682	0.003063	2.3445%
1865	319.043789	0.003134	2.4037%
1864	311.554960	0.003210	2.4599%
1863	304.075067	0.003289	2.5250%
1862	296.586238	0.003372	2.5872%
1861	289.106345	0.003459	2.9504%
1860	280.820983	0.003561	2.4012%
1859	274.235925	0.003646	2.7627%
1858	266.863271	0.003747	2.8412%
1857	259.490617	0.003854	2.9243%
1856	252.117962	0.003966	3.0161%
1855	244.736372	0.004086	3.1061%
1854	237.363718	0.004213	3.2056%
1853	229.991063	0.004348	3.3118%
1852	222.618409	0.004492	3.4252%
1851	215.245755	0.004646	4.0106%
1850	206.945970	0.004832	2.3254%
1849	202.243074	0.004945	2.7841%

1848	196.764969	0.005082	2.8590%
1847	191.295800	0.005228	2.9432%
1846	185.826631	0.005381	3.0324%
1845	180.357462	0.005545	3.1325%
1844	174.879357	0.005718	3.2284%
1843	169.410188	0.005903	3.3361%
1842	163.941019	0.006100	3.4512%
1841	158.471850	0.006310	3.8105%
1840	152.654951	0.006551	2.3861%
1839	149.097408	0.006707	2.5824%
1838	145.344057	0.006880	2.6573%
1837	141.581769	0.007063	2.7232%
1836	137.828418	0.007255	2.7994%
1835	134.075067	0.007459	2.8871%
1834	130.312779	0.007674	2.9657%
1833	126.559428	0.007901	3.0563%
1832	122.806077	0.008143	3.1604%
1831	119.043789	0.008400	3.4660%
1830	115.055987	0.008691	2.4653%
1829	112.287757	0.008906	2.6804%
1828	109.356568	0.009144	10.3427%
1827	99.106345	0.010090	-4.2314%
1826	103.485255	0.009663	2.9150%
1825	100.554066	0.009945	3.0026%
1824	97.622878	0.010244	3.0955%
1823	94.691689	0.010561	3.1944%
1822	91.760500	0.010898	3.3102%

1821	88.820375	0.011259	3.2277%
1820	86.043128	0.011622	2.6573%
1819	83.815907	0.011931	2.6261%
1818	81.671135	0.012244	2.6969%
1817	79.526363	0.012574	2.7717%
1816	77.381591	0.012923	2.8507%
1815	75.236819	0.013291	2.9343%
1814	73.092046	0.013681	3.0231%
1813	70.947274	0.014095	3.1039%
1812	68.811439	0.014532	3.2172%
1811	66.666667	0.015000	3.0969%
1810	64.664075	0.015465	2.9144%
1809	62.832887	0.015915	2.8225%
1808	61.108132	0.016364	2.9199%
1807	59.374441	0.016842	2.9918%
1806	57.649687	0.017346	3.0841%
1805	55.924933	0.017881	3.1822%
1804	54.200179	0.018450	3.2868%
1803	52.475424	0.019057	3.3985%
1802	50.750670	0.019704	3.5180%
1801	49.025916	0.020397	3.3999%
1800	47.413870	0.021091	2.8419%
1799	46.103664	0.021690	2.7485%
1798	44.870420	0.022286	2.8261%
1797	43.637176	0.022916	3.7832%
1796	42.046470	0.023783	2.1272%

1795	41.170688	0.024289	3.0879%
1794	39.937444	0.025039	3.1625%
1793	38.713137	0.025831	3.2904%
1792	37.479893	0.026681	3.4024%
1791	36.246649	0.027589	3.2296%
1790	35.112663	0.028480	41.3145%
1780	24.847185	0.040246	29.4353%
1770	19.196604	0.052093	83.4728%
1750	10.462913	0.095576	29.2845%
1740	8.092940	0.123564	94.2514%
1720	4.166220	0.240026	85.8111%
1700	2.242181	0.445994	19.2490%
1690	1.880250	0.531844	88.0250%
1670	1.000000	1.000000	

***Footnote #2

All dates other than multiples of 10 [census years] are official estimates

1991 7/1	252,177,000"
1991	252,688,000A
1990	249,415,000
1990	249,924,000A
1990	248,709,873

1989	246,820,000
1989	247,343,000A
1989	247,732,000
1988	244,534,000
1988	245,057,000A
1988	244,600,000
1987	242,651,000
1987	242,200,000
1986	241,077,000
1985	237,200,000
1985	238,740,000
1984	236,158,000
1983	234,249,000
1982	231,990,000
1981	229,805,000
1980	242,321,000
1980	240,162,000
1980	237,950,000
1980	235,847,000
1980	223,239,000
1980	233,806,000
1980	231,669,000
1980	229,457,000
1980	227,220,000
1980	242,836,000A
1980	240,680,000A

1980	238,492,000A
1980	236,370,000A
1980	234,321,000A
1980	232,192,000A
1980	229,958,000A
1980	227,722,000A
1980	226,545,805
1979 7/1	224,567,000
1979 7/1	225,055,000A
1979	220,819,000
1978 7/1	222,095,000
1978 7/1	222,585,000A
1978	218,863,000
1977 7/1	219,760,000
1977 7/1	220,239,000A
1977	216,877,000
1976 7/1	217,563,000
1976 7/1	218,035,000A
1976	215,135,000
1975 7/1	215,465,000
1975 7/1	215,973,000A
1975	213,631,000
1974 7/1	213,342,000
1974 7/1	213,854,000A
1974	211,909,000
1973 7/1	209,844,000
1973 7/1	210,396,000A

1973	210,544,000
1972 7/1	208,230,000
1972 7/1	208,842,000A
1972	208,232,000
1971 7/1	206,212,000
1971 7/1	207,045,000A
1971	207,180,000
1970 revised	203,235,298
1970 7/1	203,806,000
1970 7/1	204,875,000A
1970	203,810,000
1970 4/1	203,211,926
1970 4/1	204,765,770
1970	203,302,031
1969	201,385,000
1969	202,677,000A
1969 7/1	201,385,000
1969 7/1	202,677,000A
1969	203,200,000*
1968	199,399,000
1968 7/1	199,399,000
1968 7/1	200,706,000A
1968	200,706,000A
1968	201,750,000
1967	200,000,000*
1967 7/1	195,457,000

1967 7/1	198,712,000A
1967	198,712,000A
1967	197,457,000
1966	195,857,000
1966 7/1	195,576,000
1966 7/1	196,560,000A
1966	196,560,000A
1966	195,576,000
1965 7/1	193,526,000
1965 7/1	194,303,000A
1965	193,818,000
1965	194,303,000A
1965	193,526,000
1964	191,889,000A
1964	191,141,000
1964	192,320,000
1964 7/1	191,141,000
1964 7/1	191,889,000A
1963	189,242,000A
1963	188,483,000
1963 7/1	188,483,000
1963 7/1	189,242,000A
1963	188,531,000
1962	186,538,000A
1962	185,771,000
1962	185,822,000
1962 7/1	185,771,000

1962 7/1	186,538,000A	
1961	182,992,000	
1961	183,691,000A	
1961 7/1	182,992,000	
1961 7/1	183,691,000A	
1961	182,953,000	7/1/61 est
1960	180,671,000A	
1960	177,135,000	
1960 4/1	178,464,236	
1960 7/1	179,979,000	
1960 7/1	180,671,000A	
1960 4/1	179,323,175*	
1959	177,830,000A	
1959	177,073,000A	
1959	196,289,000	
1959	178,000,000*	
1959 7/1	177,135,000	
1959 7/1	177,830,000A	
1958	174,171,000A	
1958	173,320,000	
1958 7/1	174,149,000	
1958 7/1	174,882,000A	
1958	175,500,000*	12/58 + Alaska
1957	171,274,000A	
1957	170,371,000	
1957 7/1	171,187,000	

1957 7/1	171,984,000A	
1957	171,229,000	7/1/57
1956	167,191,000	7/1/56
1956	186,221,000A	
1956	167,306,000	
1956 7/1	168,088,000	
1956 7/1	168,903,000A	
1955	162,284,000	7/1/55
1955	165,275,000A	
1955	164,308,000	
1955 7/1	165,069,000	
1955 7/1	165,931,000A	
1954	162,414,000	7/1/54
1954	162,391,000A	
1954	161,164,000	
1954 7/1	161,884,000	
1954 7/1	163,026,000A	
1953	159,565,000A	
1953	158,242,000	
1953	****below	
1953 7/1	158,596,000	
1953 7/1	160,184,000A	
1952	157,505,000	9/1/52
1952	156,954,000A	
1952	155,687,000	
1952 7/1	156,393,000	
1952 7/1	157,553,000A	

1951	154,353,000	7/1/51
1951	154,287,000A	
1951	153,310,000	
1951 7/1	153,982,000	
1951 7/1	154,878,000A	
1950	154,233,000*	4/1/50 revised 1952
1950 4/1	150,697,361	
1950	151,684,000A	
1950	151,235,000	
1950	150,697,361*	4/1/50 est* non est
1950 7/1	151,868,000	
1950 7/1	152,271,000A	
1950 4/1	151,325,798*	AL & HA
1949	149,188,000A	
1949	148,665,000	
1949	150,000,000	7/1/49+
1949 7/1	149,767,000A	
1949 7/1	149,304,000	
1948	146,631,000A	
1948	146,093,000	
1948	147,280,000	10/1/48 rel on 12/9/48
1948 7/1	147,208,000A	
1948 7/1	146,730,000	
1947	144,708,000	
1947	144,126,000A	
1947	143,446,000	

1947 7/1	144,698,000A	
1947 7/1	144,083,000	
1946	141,000,000	8/46 "
1946	141,389,000A	
1946	140,054,000	
1946	170,000,000	
1946 7/1	141,936,000A	
1946 7/1	140,686,000	
1945	139,928,000A	
1945	132,481,000	
1945	140,000,000	11/20/45
1945 7/1	140,468,000A	
1945 7/1	133,434,000	
1945	152,000,000 inc possessions	
1944	138,100,874	1/1/44 est
1944	138,397,000A	
1944	132,855,000	
1944 7/1	138,916,000A	
1944 7/1	133,915,000	
1943	136,739,000A	
1943	134,245,000	
1943 7/1	137,250,000A	
1943 7/1	135,107,000	
1943	135,645,969	1/1/43 est
1942	133,965,237	1/1/42 est
1942	134,860,000A	
1942	133,920,000	

1942 7/1	135,361,000A
1942 7/1	134,617,000
1941	133,403,000A
1941	133,121,000
1941 7/1	133,894,000A
1941 7/1	133,669,000
1940 7/1	132,594,000A
1940 4/1	131,669,275"
1940	132,122,000A
1940	131,954,000
1940 7/1	132,547,000
1940 4/1	150,621,231 inc possessions
1939	131,128,000A
1939	130,880,000
1939 7/1	130,880,000"
1938	129,969,000A
1938	129,825,000
1938 7/1	129,825,000"
1937	128,961,000A
1937	128,825,000
1937 7/1	128,825,000"
1936	128,181,000A
1936	128,053,000
1936 7/1	128,053,000"
1935	127,362,000A
1935	127,250,000

1935 7/1	127,520,000"	
1934	126,485,000A	
1934	126,374,000	
1934 7/1	136,374,000"	
1933 7/1	125,579,000"	
1933	125,690,000A	
1933	125,549,000	
1932 7/1	122,840,000"	
1932	124,949,000A	
1932	124,840,000	
1931	124,149,000A	
1931	124,149,000	
1931 7/1	124,040,000"	
1930 4/1	122,775,046"	
1930	123,188,000A	
1930	123,077,000	
1930 7/1	123,077,000"	
1929	121,767,000	
1929 7/1	121,770,000	
1928	120,013,000	7/1/28 est
1928	120,509,000	
1928 7/1	120,501,000	
1927	118,628,000	7/1/27 est
1927	119,035,000	
1927 7/1	119,038,000	
1926	117,135,817	7/1/26 est
1926	117,136,000	7/1/26 est

1926	117,197,000	
1926 7/1	117,399,000	
1925	115,829,000	
1925	113,493,720"	7/1/25 est
1925 7/1	115,832,000	
1924	114,109,000	
1924	112,078,611	7/1/24 est
1924 7/1	114,113,000	
1923	110,663,502	7/1/23 est
1923	111,947,000	
1923 7/1	111,950,000	
1922	109,248,393	7/1/22 est
1922	110,049,000	
1922 7/1	110,055,000	
1921	107,833,284	7/1/21 est
1921	108,538,000	
1921 7/1	108,541,000	
1920	106,461,000	
1920 7/1	106,466,000	
1920	106,418,284	7/1/20 est
1920	105,683,108	10/7/20 Dir of Census Bureau
1920 1/1	105,710,620"	
1919	104,514,000	
1919 7/1	104,512,000*	
1918	105,253,300	7/1/18
1918	103,208,000	

1918 7/1 103,203,000* [WWI, * years exclude armed forces abroad]

1917 103,368,000

1917 7/1 103,266,000*

1916 7/1 101,966,000

1916 101,961,000

1915 100,546,000

1915 7/1 100,549,000

1914 99,111,000

1914 7/1 99,118,000

1913 97,225,000

1913 7/1 97,227,000

1912 95,335,000

1912 7/1 95,331,000

1911 93,863,000

1911 7/1 93,868,000

1910 4/15 91,109,542 4/15/10

1910 4/15 91,972,266"

1910 92,407,000

1910 add ~1.5M outside Continental US

1910 7/1 92,407,000

1909 90,490,000

1909 7/1 90,492,000

1908 7/1 88,709,000

1908 88,710,000

1907 87,008,000

1907 7/1 87,000,000

1906 85,450,000

1906 7/1	85,450,000***	
1906 7/1	85,437,000	
1905	83,822,000	
1905 7/1	83,822,000	
1905 7/1	83,820,000	
1904	82,166,000	
1904 7/1	82,166,000	
1904 7/1	82,165,000	
1903*	79,900,389	est
1903 7/1	80,632,000"	
1903	80,632,000	
1902*	78,576,436	est
1902	79,163,000	
1902 7/1	79,160,000	
1901*	77,274,967	est
1901	77,584,000	
1901 7/1	77,584,000	
1901 7/1	77,585,000	
1900	76,094,000	
1900 7/1	76,094,000"	
1900 4/15	74,610,523	
1900 7/1	76,094,000"	
1900 6/1	75,994,575"	
1900 6/1	75,994,575"	
1900 4/15	74,610,523	
1899	74,799,000	

1898	73,494,000
1897	72,189,000
1896	70,885,000
1895	69,580,000
1894	68,275,000
1893	66,970,000
1892	65,666,000
1891	64,361,000
1890 6/1	62,947,714"
1890 6/1	62,116,811
1890	63,056,000
1890 6/1	62,116,811
1890 6/1	62,947,714"
1889	61,755,000
1888	60,496,000
1887	59,217,000
1886	57,938,000
1885	56,658,000
1884	55,379,000
1883	54,100,000
1882	52,821,000
1881	51,542,000
1880	50,262,000
1880 6/1	50,155,783"
1880 6/1	49,371,340
1880 6/1	50,155,783"
1880 6/1	49,371,340

1879	49,208,000
1878	48,174,000
1877	47,141,000
1876	46,107,000
1875	45,073,000
1874	44,040,000
1873	43,006,000
1872	41,972,000
1871	40,938,000
1870	39,905,000
1870 6/1	38,155,505
1870 6/1	39,818,449
1870 6/1	39,818,449
1870 6/1	38,558,371"
1870 6/1	38,155,505
1869	39,051,000
1868	38,213,000
1867	37,376,000
1866	36,538,000
1865	35,701,000
1864	34,863,000
1863	34,026,000
1862	33,188,000
1861	32,351,000
1860 6/1	31,218,021
1860 6/1	31,218,021

1860	31,513,000
1860 6/1	31,443,321"
1860 6/1	31,443,321"
1859	30,687,000
1858	29,862,000
1857	29,037,000
1856	28,212,000
1855	27,386,000
1854	26,561,000
1853	25,736,000
1852	24,911,000
1851	24,086,000
1850 6/1	23,067,262
1850	23,261,000
1850 6/1	23,191,876"
1850 6/1	23,067,262
1850 6/1	23,191,876"
1849	22,631,000
1848	22,018,000
1847	21,406,000
1846	20,794,000
1845	20,182,000
1844	19,569,000
1843	18,957,000
1842	18,345,000
1841	17,733,000
1840	17,120,000

1840 6/1	17,069,453"
1840 6/1	17,069,453"
1839	16,684,000
1838	16,264,000
1837	15,843,000
1836	15,423,000
1835	15,003,000
1834	14,582,000
1833	14,162,000
1832	13,742,000
1831	13,321,000
1830 6/1	12,866,020"
1830	12,901,000
1830 6/1	12,866,020"
1829	12,565,000
1828	12,237,000
1827	