

## Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2018 to Convert to Dollars of 1996

Estimates for 2008-2018 are based on the average of OMB and CBO estimates as of early 2008. They will be revised February 2009.

To convert dollars of any year to dollars of the year 1996, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1925 = \$8,929 of 1996 (\$1000 / 0.112).

Data series since 1912 have changed periodically, so numbers are not all precisely comparable. Therefore it is recommended that numbers be ROUNDED to no more than three decimal places. For example, \$8,929 in the example above becomes \$8,930. For years prior to 1913, rounding to two decimal places is recommended, e.g. \$8,929 becomes \$8,900.

**Note:** To reverse the process, that is, to determine what a 1996-dollar amount would be in dollars of another year, simply multiply the year 1996 amount by the conversion factor for that year. For example, \$1000 of 1996 would be about \$89 in 1940 (\$1000 x 0.089 = \$89), again rounded to 3 or 2 decimal places.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.051	1814	0.112	1854	0.054	1894	0.055	1934	0.085	1974	0.314	2014	1.550
1775	0.049	1815	0.098	1855	0.055	1895	0.054	1935	0.087	1975	0.343	2015	1.584
1776	0.056	1816	0.090	1856	0.054	1896	0.054	1936	0.089	1976	0.363	2016	1.620
1777	0.068	1817	0.085	1857	0.056	1897	0.053	1937	0.092	1977	0.386	2017	1.655
1778	0.088	1818	0.081	1858	0.052	1898	0.053	1938	0.090	1978	0.416	2018	1.692
1779	0.078	1819	0.081	1859	0.053	1899	0.053	1939	0.089	1979	0.463		
1780	0.087	1820	0.075	1860	0.053	1900	0.054	1940	0.089	1980	0.525		
1781	0.071	1821	0.072	1861	0.056	1901	0.054	1941	0.094	1981	0.579		
1782	0.077	1822	0.075	1862	0.064	1902	0.055	1942	0.104	1982	0.615		
1783	0.068	1823	0.067	1863	0.080	1903	0.056	1943	0.110	1983	0.635		
1784	0.065	1824	0.062	1864	0.100	1904	0.057	1944	0.112	1984	0.662		
1785	0.062	1825	0.063	1865	0.104	1905	0.056	1945	0.115	1985	0.686		
1786	0.060	1826	0.063	1866	0.101	1906	0.057	1946	0.124	1986	0.699		
1787	0.059	1827	0.064	1867	0.094	1907	0.060	1947	0.142	1987	0.724		
1788	0.057	1828	0.060	1868	0.091	1908	0.059	1948	0.154	1988	0.754		
1789	0.056	1829	0.059	1869	0.087	1909	0.058	1949	0.152	1989	0.790		
1790	0.058	1830	0.059	1870	0.083	1910	0.060	1950	0.154	1990	0.833		
1791	0.060	1831	0.055	1871	0.078	1911	0.060	1951	0.166	1991	0.868		
1792	0.061	1832	0.055	1872	0.078	1912	0.062	1952	0.169	1992	0.894		
1793	0.063	1833	0.054	1873	0.076	1913	0.063	1953	0.170	1993	0.921		
1794	0.070	1834	0.055	1874	0.073	1914	0.064	1954	0.171	1994	0.945		
1795	0.080	1835	0.056	1875	0.070	1915	0.064	1955	0.171	1995	0.971		
1796	0.084	1836	0.059	1876	0.068	1916	0.069	1956	0.173	1996	1.000		
1797	0.081	1837	0.061	1877	0.067	1917	0.082	1957	0.179	1997	1.023		
1798	0.078	1838	0.059	1878	0.064	1918	0.096	1958	0.184	1998	1.039		
1799	0.078	1839	0.059	1879	0.064	1919	0.110	1959	0.185	1999	1.062		
1800	0.080	1840	0.055	1880	0.065	1920	0.127	1960	0.189	2000	1.098		
1801	0.081	1841	0.056	1881	0.065	1921	0.114	1961	0.191	2001	1.129		
1802	0.068	1842	0.052	1882	0.065	1922	0.107	1962	0.192	2002	1.147		
1803	0.072	1843	0.047	1883	0.064	1923	0.109	1963	0.195	2003	1.173		
1804	0.075	1844	0.048	1884	0.063	1924	0.109	1964	0.198	2004	1.204		
1805	0.075	1845	0.048	1885	0.062	1925	0.112	1965	0.201	2005	1.245		
1806	0.078	1846	0.049	1886	0.060	1926	0.113	1966	0.207	2006	1.285		
1807	0.074	1847	0.052	1887	0.060	1927	0.111	1967	0.213	2007	1.321		
1808	0.080	1848	0.050	1888	0.060	1928	0.109	1968	0.222	2008	1.358		
1809	0.078	1849	0.049	1889	0.059	1929	0.109	1969	0.234	2009	1.388		
1810	0.078	1850	0.050	1890	0.058	1930	0.106	1970	0.247	2010	1.419		
1811	0.084	1851	0.049	1891	0.058	1931	0.097	1971	0.258	2011	1.451		
1812	0.085	1852	0.049	1892	0.058	1932	0.087	1972	0.266	2012	1.484		
1813	0.102	1853	0.049	1893	0.057	1933	0.083	1973	0.283	2013	1.517		

Revised April 1, 2008, using final 2007 CPI (CPI = 2.07342) and the average of early-2008 OMB and CBO inflation estimates for 2008 and later years. For inflation assumptions for 2008 and later years, see the shaded box below.

CPI is CPI-U, the broader measure for all urban consumers, year-to-year average (not December to December)

Conversion factors for years before 1913 are re-based from data from the *Historical Statistics of the United States Millennial Edition* (Cambridge University Press, 2006). Calculation starting 1913 uses the CPI-U as the base, from the US Bureau of Labor Statistics. Monthly and annual CPI data are available at the BLS web site: <http://stats.bls.gov/cpi/home.htm#data> (CPI-U = all urban consumers).

**Inflation assumptions:** Inflation conversion factors for 2008 and later years assume 2.8% in 2008, 2.2% in 2009, 2.25% each year 2010 to 2013, and 2.2% each year 2014 to 2018. Estimates 2008-2013 are the average of OMB and CBO inflation estimates for each year as of early 2008; 2014-2018 are only from CBO because OMB did not project past 2013 in its 2009 Budget proposals.

CF denominated in years 1995 to estimated 2008 in Excel format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742007.xls>

CF denominated in years 1995 to estimated 2008 in pdf format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742007.pdf>

Prior to the 2008 revision, a different data base was used for the period starting 1665 and ending 1913. See the main inflation conversion factor page for detail

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