

Consumer Price Index (CPI) Conversion Factors 1800 to estimated 2014 to Convert to Dollars of 2004 (estimated)

To convert dollars of any year to dollars of the year 2004 (estimated), **DIVIDE** the dollar amount from that year by the conversion factor (CF) for that year
 For example, \$1000 dollars of 1925 = \$10,638 dollars of 2004 (\$1000 / 0.094)

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, \$10,638 in the example above becomes \$10,600. For years prior to 1913, using **two decimal places** is recommended, e.g. \$10,638 becomes \$11,000 (two decimals).

Note: To reverse the process, that is, to determine what a 2004-dollar amount would be in dollars of another year, simply **multiply** the year 2004 amount by the conversion factor for that year. For example, \$1000 dollars of (estimated) 2004 would be \$75 in 1940 (\$1000 x 0.075 = \$75), again rounded to 3 or 2 decimal places.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1800	0.070	1840	0.048	1880	0.057	1920	0.107	1960	0.158	2000	0.922
1801	0.071	1841	0.049	1881	0.057	1921	0.096	1961	0.160	2001	0.948
1802	0.060	1842	0.046	1882	0.057	1922	0.090	1962	0.162	2002	0.963
1803	0.063	1843	0.041	1883	0.056	1923	0.092	1963	0.164	2003	0.985
1804	0.066	1844	0.042	1884	0.055	1924	0.092	1964	0.166	2004	1.000
1805	0.065	1845	0.042	1885	0.054	1925	0.094	1965	0.169	2005	1.016
1806	0.068	1846	0.043	1886	0.052	1926	0.095	1966	0.173	2006	1.035
1807	0.064	1847	0.046	1887	0.053	1927	0.093	1967	0.179	2007	1.058
1808	0.070	1848	0.044	1888	0.053	1928	0.092	1968	0.186	2008	1.082
1809	0.069	1849	0.043	1889	0.051	1929	0.092	1969	0.196	2009	1.107
1810	0.069	1850	0.043	1890	0.050	1930	0.089	1970	0.208	2010	1.131
1811	0.073	1851	0.043	1891	0.050	1931	0.081	1971	0.217	2011	1.156
1812	0.074	1852	0.043	1892	0.050	1932	0.073	1972	0.224	2012	1.181
1813	0.089	1853	0.043	1893	0.050	1933	0.070	1973	0.238	2013	1.207
1814	0.098	1854	0.047	1894	0.048	1934	0.072	1974	0.264	2014	1.234
1815	0.086	1855	0.048	1895	0.047	1935	0.073	1975	0.288		
1816	0.078	1856	0.047	1896	0.047	1936	0.074	1976	0.305		
1817	0.074	1857	0.049	1897	0.047	1937	0.077	1977	0.324		
1818	0.071	1858	0.046	1898	0.047	1938	0.075	1978	0.349		
1819	0.071	1859	0.047	1899	0.047	1939	0.074	1979	0.389		
1820	0.065	1860	0.047	1900	0.047	1940	0.075	1980	0.441		
1821	0.063	1861	0.049	1901	0.047	1941	0.079	1981	0.487		
1822	0.065	1862	0.056	1902	0.048	1942	0.087	1982	0.517		
1823	0.058	1863	0.070	1903	0.049	1943	0.093	1983	0.533		
1824	0.054	1864	0.088	1904	0.050	1944	0.094	1984	0.556		
1825	0.055	1865	0.091	1905	0.049	1945	0.096	1985	0.576		
1826	0.055	1866	0.089	1906	0.050	1946	0.104	1986	0.587		
1827	0.056	1867	0.082	1907	0.052	1947	0.119	1987	0.608		
1828	0.053	1868	0.079	1908	0.051	1948	0.129	1988	0.633		
1829	0.052	1869	0.076	1909	0.050	1949	0.127	1989	0.664		
1830	0.051	1870	0.073	1910	0.053	1950	0.129	1990	0.700		
1831	0.048	1871	0.068	1911	0.053	1951	0.139	1991	0.729		
1832	0.048	1872	0.068	1912	0.054	1952	0.142	1992	0.751		
1833	0.047	1873	0.067	1913	0.053	1953	0.143	1993	0.774		
1834	0.048	1874	0.064	1914	0.054	1954	0.144	1994	0.793		
1835	0.049	1875	0.061	1915	0.054	1955	0.143	1995	0.816		
1836	0.052	1876	0.060	1916	0.058	1956	0.146	1996	0.840		
1837	0.054	1877	0.058	1917	0.069	1957	0.150	1997	0.859		
1838	0.052	1878	0.056	1918	0.081	1958	0.155	1998	0.873		
1839	0.052	1879	0.056	1919	0.093	1959	0.156	1999	0.892		

Revised March 1, 2004, using final 2003 CPI (CPI = 1.840) and revised (2001) McCusker data.

Conversion factors for years prior to 1913 are re-based from data in John J. McCusker, "How Much Is That in Real Money?," *Proceedings of the American Antiquarian Society*(2001), Table A-1, Column 6.

(Note: These conversion factors are calculated from McCusker data, not supplied in his original source
 CPI is CPI-U, the broader measure for all urban consumers, year-to-year average (not December to December)

Inflation Assumptions: 2004 estimated conversion factors assume 1.5 percent inflation in 2004; 1.6 percent in 2005; 1.9 percent in 2006; 2.15 percent in 2007; 2.3 percent in 2008; 2.35 percent 2009; and 2.2 percent 2010-2014; 2004-2009 are the average of OMB and CBO inflation estimates for each year as of early 2004; 2010-2014 are only from CBO because OMB did not project past 2009 in its 2004 Budget proposals.

CF in Excel format starting 1665 are available at http://www.orst.edu/Dept/pol_sci/fac/sahr/cf16652014.xls
 CF in pdf (Adobe Acrobat) format starting 1665 are available at http://www.orst.edu/Dept/pol_sci/fac/sahr/cf16652014.pdf