

Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2022 to Convert to Dollars of 2010

Estimates for 2011-2022 are based on the average of OMB and CBO estimates as of January and February 2011. They will be revised February 2012.

To convert dollars of any year to dollars of the year 2010, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1929 = \$12,821 of 2010 (\$1000 / 0.078). As stated below, rounding is strongly recommended.

To reverse the process, that is, to determine what a 2010-dollar amount would be in dollars of another year, simply **MULTIPLY** the year 2010 amount by the conversion factor for that year. For example, \$1000 of 2010 would be about \$64 in 1940 (\$1000 x 0.064 = \$64).

Data series since 1912 have changed periodically, so numbers are not all precisely comparable. Therefore it is recommended that numbers be **ROUNDED** to four (or, more cautious, three) significant digits. So, \$12,821 in the example above becomes \$12,820 or \$12,800. For years prior to 1913, rounding to three (or more cautious, two) significant digits is recommended, e.g. \$12,821 becomes \$12,800, or \$13,000.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.037	1814	0.081	1854	0.039	1894	0.039	1934	0.061	1974	0.226	2014	1.086
1775	0.035	1815	0.071	1855	0.040	1895	0.039	1935	0.063	1975	0.247	2015	1.108
1776	0.040	1816	0.065	1856	0.039	1896	0.039	1936	0.064	1976	0.261	2016	1.132
1777	0.049	1817	0.061	1857	0.040	1897	0.038	1937	0.066	1977	0.278	2017	1.158
1778	0.063	1818	0.058	1858	0.038	1898	0.038	1938	0.065	1978	0.299	2018	1.183
1779	0.056	1819	0.058	1859	0.038	1899	0.038	1939	0.064	1979	0.333	2019	1.209
1780	0.063	1820	0.054	1860	0.038	1900	0.039	1940	0.064	1980	0.378	2020	1.236
1781	0.051	1821	0.052	1861	0.040	1901	0.039	1941	0.067	1981	0.417	2021	1.263
1782	0.055	1822	0.054	1862	0.046	1902	0.039	1942	0.075	1982	0.443	2022	1.291
1783	0.049	1823	0.048	1863	0.058	1903	0.040	1943	0.079	1983	0.457		
1784	0.047	1824	0.044	1864	0.072	1904	0.041	1944	0.081	1984	0.476		
1785	0.044	1825	0.045	1865	0.075	1905	0.040	1945	0.083	1985	0.493		
1786	0.044	1826	0.045	1866	0.073	1906	0.041	1946	0.089	1986	0.503		
1787	0.043	1827	0.046	1867	0.068	1907	0.043	1947	0.102	1987	0.521		
1788	0.041	1828	0.044	1868	0.065	1908	0.042	1948	0.111	1988	0.543		
1789	0.040	1829	0.043	1869	0.062	1909	0.042	1949	0.109	1989	0.569		
1790	0.042	1830	0.042	1870	0.060	1910	0.044	1950	0.111	1990	0.599		
1791	0.043	1831	0.040	1871	0.056	1911	0.044	1951	0.119	1991	0.625		
1792	0.044	1832	0.039	1872	0.056	1912	0.044	1952	0.122	1992	0.643		
1793	0.045	1833	0.039	1873	0.055	1913	0.045	1953	0.122	1993	0.663		
1794	0.050	1834	0.039	1874	0.052	1914	0.046	1954	0.123	1994	0.680		
1795	0.058	1835	0.040	1875	0.050	1915	0.046	1955	0.123	1995	0.699		
1796	0.061	1836	0.043	1876	0.049	1916	0.050	1956	0.125	1996	0.720		
1797	0.058	1837	0.044	1877	0.048	1917	0.059	1957	0.129	1997	0.736		
1798	0.056	1838	0.043	1878	0.046	1918	0.069	1958	0.133	1998	0.748		
1799	0.056	1839	0.043	1879	0.046	1919	0.079	1959	0.133	1999	0.764		
1800	0.058	1840	0.040	1880	0.047	1920	0.092	1960	0.136	2000	0.790		
1801	0.058	1841	0.040	1881	0.047	1921	0.082	1961	0.137	2001	0.812		
1802	0.049	1842	0.038	1882	0.047	1922	0.077	1962	0.138	2002	0.825		
1803	0.052	1843	0.034	1883	0.046	1923	0.078	1963	0.140	2003	0.844		
1804	0.054	1844	0.034	1884	0.045	1924	0.078	1964	0.142	2004	0.866		
1805	0.054	1845	0.035	1885	0.044	1925	0.080	1965	0.144	2005	0.896		
1806	0.056	1846	0.035	1886	0.043	1926	0.081	1966	0.149	2006	0.925		
1807	0.053	1847	0.038	1887	0.044	1927	0.080	1967	0.153	2007	0.951		
1808	0.058	1848	0.036	1888	0.044	1928	0.078	1968	0.160	2008	0.987		
1809	0.056	1849	0.035	1889	0.042	1929	0.078	1969	0.168	2009	0.984		
1810	0.056	1850	0.036	1890	0.042	1930	0.077	1970	0.178	2010	1.000		
1811	0.060	1851	0.035	1891	0.042	1931	0.070	1971	0.186	2011	1.032		
1812	0.061	1852	0.035	1892	0.042	1932	0.063	1972	0.192	2012	1.048		
1813	0.073	1853	0.035	1893	0.041	1933	0.060	1973	0.204	2013	1.066		

Revised January 19, 2012, using final 2011 CPI (CPI = 2.24939) and OMB and CBO inflation estimates for 2011-2021 as of January-February 2011 (NOT yet 2012). For inflation assumptions for 2012 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 2011 and later years assume 1.55% in 2012, 1.75% in 2013, 1.90% in 2014, 2.05% in 2015, 2.15% in 2016, 2.25% in 2017, and 2.20% in 2018-2022. These are averages of OMB and CBO inflation estimates as of January-February 2011 (to be revised February 2012).

CF denominated in years 1995 to estimated 2011 in Excel and pdf formats for years 1774 to estimated 2022 are available at the online address indicated below.

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 details.

The address of the inflation conversion factor web page is <http://oregonstate.edu/cla/polisci/faculty-research/sahr/sahr.htm>.