

## Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2022 to Convert to Dollars of 2011

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 2011, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1944 = \$12,821 of 2010 (\$1000 / 0.078). As stated below, rounding is strongly recommended.**

To reverse the process, that is, to determine what a 2011-dollar amount would be in dollars of another year, simply multiply the year 2011 amount by the conversion factor for that year. For example, \$1000 of 2011 would be about \$78 in 1944 (\$1000 x 0.078 = \$78).

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	0.036	1814	0.078	1854	0.037	1894	0.038	1934	0.060	1974	0.219	2014	1.053
1775	0.034	1815	0.068	1855	0.039	1895	0.037	1935	0.061	1975	0.239	2015	1.074
1776	0.039	1816	0.063	1856	0.038	1896	0.037	1936	0.062	1976	0.253	2016	1.098
1777	0.047	1817	0.059	1857	0.039	1897	0.037	1937	0.064	1977	0.269	2017	1.122
1778	0.061	1818	0.056	1858	0.036	1898	0.037	1938	0.063	1978	0.290	2018	1.147
1779	0.054	1819	0.056	1859	0.037	1899	0.037	1939	0.062	1979	0.323	2019	1.172
1780	0.061	1820	0.052	1860	0.037	1900	0.037	1940	0.062	1980	0.366	2020	1.198
1781	0.049	1821	0.050	1861	0.039	1901	0.038	1941	0.065	1981	0.404	2021	1.224
1782	0.054	1822	0.052	1862	0.045	1902	0.038	1942	0.072	1982	0.429	2022	1.251
1783	0.047	1823	0.047	1863	0.056	1903	0.039	1943	0.077	1983	0.443		
1784	0.045	1824	0.043	1864	0.070	1904	0.040	1944	0.078	1984	0.462		
1785	0.043	1825	0.044	1865	0.072	1905	0.039	1945	0.080	1985	0.478		
1786	0.042	1826	0.044	1866	0.071	1906	0.040	1946	0.087	1986	0.487		
1787	0.041	1827	0.044	1867	0.066	1907	0.042	1947	0.099	1987	0.505		
1788	0.040	1828	0.042	1868	0.063	1908	0.041	1948	0.107	1988	0.526		
1789	0.039	1829	0.041	1869	0.060	1909	0.040	1949	0.106	1989	0.551		
1790	0.041	1830	0.041	1870	0.058	1910	0.042	1950	0.107	1990	0.581		
1791	0.042	1831	0.039	1871	0.054	1911	0.042	1951	0.116	1991	0.605		
1792	0.043	1832	0.038	1872	0.054	1912	0.043	1952	0.118	1992	0.624		
1793	0.044	1833	0.037	1873	0.053	1913	0.044	1953	0.119	1993	0.642		
1794	0.049	1834	0.038	1874	0.051	1914	0.044	1954	0.120	1994	0.659		
1795	0.056	1835	0.039	1875	0.049	1915	0.045	1955	0.119	1995	0.678		
1796	0.059	1836	0.041	1876	0.048	1916	0.048	1956	0.121	1996	0.698		
1797	0.056	1837	0.043	1877	0.047	1917	0.057	1957	0.125	1997	0.714		
1798	0.055	1838	0.041	1878	0.044	1918	0.067	1958	0.128	1998	0.725		
1799	0.055	1839	0.041	1879	0.044	1919	0.077	1959	0.129	1999	0.741		
1800	0.056	1840	0.039	1880	0.045	1920	0.089	1960	0.132	2000	0.766		
1801	0.056	1841	0.039	1881	0.045	1921	0.080	1961	0.133	2001	0.787		
1802	0.048	1842	0.036	1882	0.045	1922	0.075	1962	0.134	2002	0.800		
1803	0.050	1843	0.033	1883	0.045	1923	0.076	1963	0.136	2003	0.818		
1804	0.052	1844	0.033	1884	0.044	1924	0.076	1964	0.138	2004	0.840		
1805	0.052	1845	0.034	1885	0.043	1925	0.078	1965	0.140	2005	0.868		
1806	0.054	1846	0.034	1886	0.042	1926	0.079	1966	0.144	2006	0.896		
1807	0.052	1847	0.036	1887	0.042	1927	0.077	1967	0.148	2007	0.922		
1808	0.056	1848	0.035	1888	0.042	1928	0.076	1968	0.155	2008	0.957		
1809	0.055	1849	0.034	1889	0.041	1929	0.076	1969	0.163	2009	0.954		
1810	0.055	1850	0.035	1890	0.040	1930	0.074	1970	0.172	2010	0.969		
1811	0.058	1851	0.034	1891	0.040	1931	0.068	1971	0.180	2011	1.000		
1812	0.059	1852	0.034	1892	0.040	1932	0.061	1972	0.186	2012	1.016		
1813	0.071	1853	0.034	1893	0.040	1933	0.058	1973	0.197	2013	1.033		

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 2012 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>.