

Consumer Price Index (CPI) Conversion Factors for Years 1774 to Estimated 2026 to Convert to Dollars of 2015

CAUTION: Estimates for 2016-2026 are based on the average of OMB and CBO estimates as of January and February 2016. They will be revised in 2017.

To convert dollars of any year to dollars of the year 2015, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1945 = \$13,158 of 2015 (\$1000 / 0.076). **Rounding is strongly recommended.**

Notes: Conversion factors are based on the final 2015 annual average CPI: 2.37017, re-based so that 2015 = 1.000.

To reverse the process, that is, to determine what a 2015-dollar amount would be in dollars of another year, simply MULTIPLY the year 2015 amount by the conversion factor for that year. For example, \$1000 of 2015 would be about \$76 in 1945 (\$1000 x 0.076 = \$76).

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, \$13,158 in the example above becomes \$13,160 or \$13,200. For years prior to 1913, rounding to three (or more cautious, two) significant digits is recommended, e.g. \$13,158 becomes \$13,200 or even \$13,000.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.034	1814	0.074	1854	0.035	1894	0.036	1934	0.057	1974	0.208	2014	0.999
1775	0.032	1815	0.065	1855	0.037	1895	0.035	1935	0.058	1975	0.227	2015	1.000
1776	0.037	1816	0.059	1856	0.036	1896	0.035	1936	0.059	1976	0.240	2016	1.014
1777	0.045	1817	0.056	1857	0.037	1897	0.035	1937	0.061	1977	0.256	2017	1.036
1778	0.058	1818	0.054	1858	0.035	1898	0.035	1938	0.059	1978	0.275	2018	1.059
1779	0.051	1819	0.054	1859	0.035	1899	0.035	1939	0.059	1979	0.306	2019	1.084
1780	0.058	1820	0.049	1860	0.035	1900	0.035	1940	0.059	1980	0.348	2020	1.109
1781	0.047	1821	0.048	1861	0.037	1901	0.036	1941	0.062	1981	0.384	2021	1.135
1782	0.051	1822	0.049	1862	0.043	1902	0.036	1942	0.069	1982	0.407	2022	1.162
1783	0.045	1823	0.044	1863	0.053	1903	0.037	1943	0.073	1983	0.420	2023	1.189
1784	0.043	1824	0.041	1864	0.066	1904	0.038	1944	0.074	1984	0.438	2024	1.217
1785	0.041	1825	0.042	1865	0.069	1905	0.037	1945	0.076	1985	0.454	2025	1.246
1786	0.040	1826	0.042	1866	0.067	1906	0.038	1946	0.082	1986	0.462	2026	1.275
1787	0.039	1827	0.042	1867	0.062	1907	0.040	1947	0.094	1987	0.479		
1788	0.038	1828	0.040	1868	0.060	1908	0.039	1948	0.102	1988	0.499		
1789	0.037	1829	0.039	1869	0.057	1909	0.038	1949	0.100	1989	0.523		
1790	0.039	1830	0.039	1870	0.055	1910	0.040	1950	0.102	1990	0.551		
1791	0.040	1831	0.037	1871	0.051	1911	0.040	1951	0.110	1991	0.575		
1792	0.041	1832	0.036	1872	0.051	1912	0.041	1952	0.112	1992	0.592		
1793	0.042	1833	0.035	1873	0.051	1913	0.042	1953	0.113	1993	0.610		
1794	0.046	1834	0.036	1874	0.048	1914	0.042	1954	0.113	1994	0.625		
1795	0.053	1835	0.037	1875	0.046	1915	0.043	1955	0.113	1995	0.643		
1796	0.056	1836	0.039	1876	0.045	1916	0.046	1956	0.115	1996	0.662		
1797	0.054	1837	0.041	1877	0.044	1917	0.054	1957	0.119	1997	0.677		
1798	0.052	1838	0.039	1878	0.042	1918	0.064	1958	0.122	1998	0.688		
1799	0.052	1839	0.039	1879	0.042	1919	0.073	1959	0.123	1999	0.703		
1800	0.053	1840	0.037	1880	0.043	1920	0.084	1960	0.125	2000	0.727		
1801	0.054	1841	0.037	1881	0.043	1921	0.076	1961	0.126	2001	0.747		
1802	0.045	1842	0.035	1882	0.043	1922	0.071	1962	0.127	2002	0.759		
1803	0.048	1843	0.031	1883	0.043	1923	0.072	1963	0.129	2003	0.776		
1804	0.050	1844	0.032	1884	0.041	1924	0.072	1964	0.131	2004	0.797		
1805	0.049	1845	0.032	1885	0.041	1925	0.074	1965	0.133	2005	0.824		
1806	0.051	1846	0.032	1886	0.040	1926	0.075	1966	0.137	2006	0.851		
1807	0.049	1847	0.035	1887	0.040	1927	0.073	1967	0.141	2007	0.875		
1808	0.053	1848	0.033	1888	0.040	1928	0.072	1968	0.147	2008	0.908		
1809	0.052	1849	0.032	1889	0.039	1929	0.072	1969	0.155	2009	0.905		
1810	0.052	1850	0.033	1890	0.038	1930	0.070	1970	0.164	2010	0.920		
1811	0.055	1851	0.032	1891	0.038	1931	0.064	1971	0.171	2011	0.949		
1812	0.056	1852	0.032	1892	0.038	1932	0.058	1972	0.176	2012	0.969		
1813	0.068	1853	0.032	1893	0.038	1933	0.055	1973	0.187	2013	0.983		

Revised April 28, 2016, using final 2015 CPI (CPI = 2.36736) and inflation estimates by the Congressional Budget Office (CBO) and the Office of Management and Budget (OMB). **Inflation assumptions:** Inflation conversion factors for 2016 and later years assume 2.10% inflation in 2016, 2.20% in 2017, and 2.35% in each year 2018 through 2026. These are averages of OMB and CBO inflation estimates as of January (CBO) and February (OMB) 2016. Note: The early 2015 average inflation estimate for 2015 by CBO and OMB was 1.25%. The final inflation rate was 0.1%.

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).

CF denominated in years 1995 to estimated 2016 in Excel and pdf formats for years 1774 to estimated 2026 will be posted 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://liberalarts.oregonstate.edu/spp/polisci/research/inflation-conversion-factors>.