

Consumer Price Index (CPI) Conversion Factors for Years 1774 to Estimated 2024 to Convert to Dollars of 2013

To convert dollars of any year to dollars of the year 2013, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1944 = \$13,158 of 2013 ($\$1000 / 0.076$). As stated below, rounding is strongly recommended.

Notes: Conversion factors are based on the final 2013 annual average CPI: 2.32957, re-based so that 2013 = 1.000.

To reverse the process, that is, to determine what a 2013-dollar amount would be in dollars of another year, simply MULTIPLY the year 2013 amount by the conversion factor for that year. For example, \$1000 of 2013 would be about \$76 in 1944 ($\$1000 \times 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	0.035	1814	0.076	1854	0.036	1894	0.037	1934	0.058	1974	0.212	2014	1.016
1775	0.033	1815	0.066	1855	0.037	1895	0.036	1935	0.059	1975	0.231	2015	1.037
1776	0.037	1816	0.061	1856	0.036	1896	0.036	1936	0.060	1976	0.244	2016	1.059
1777	0.046	1817	0.057	1857	0.037	1897	0.036	1937	0.062	1977	0.260	2017	1.082
1778	0.059	1818	0.055	1858	0.035	1898	0.036	1938	0.061	1978	0.280	2018	1.107
1779	0.052	1819	0.055	1859	0.036	1899	0.036	1939	0.060	1979	0.312	2019	1.133
1780	0.059	1820	0.050	1860	0.036	1900	0.036	1940	0.060	1980	0.354	2020	1.160
1781	0.048	1821	0.049	1861	0.038	1901	0.036	1941	0.063	1981	0.390	2021	1.187
1782	0.052	1822	0.050	1862	0.043	1902	0.037	1942	0.070	1982	0.414	2022	1.215
1783	0.046	1823	0.045	1863	0.054	1903	0.038	1943	0.074	1983	0.428	2023	1.244
1784	0.044	1824	0.042	1864	0.067	1904	0.038	1944	0.076	1984	0.446	2024	1.273
1785	0.042	1825	0.042	1865	0.070	1905	0.038	1945	0.077	1985	0.462		
1786	0.041	1826	0.042	1866	0.068	1906	0.039	1946	0.084	1986	0.470		
1787	0.040	1827	0.043	1867	0.064	1907	0.040	1947	0.096	1987	0.488		
1788	0.038	1828	0.041	1868	0.061	1908	0.039	1948	0.103	1988	0.508		
1789	0.038	1829	0.040	1869	0.058	1909	0.039	1949	0.102	1989	0.532		
1790	0.039	1830	0.039	1870	0.056	1910	0.041	1950	0.103	1990	0.561		
1791	0.040	1831	0.037	1871	0.052	1911	0.041	1951	0.112	1991	0.585		
1792	0.041	1832	0.037	1872	0.052	1912	0.042	1952	0.114	1992	0.602		
1793	0.042	1833	0.036	1873	0.052	1913	0.042	1953	0.115	1993	0.620		
1794	0.047	1834	0.037	1874	0.049	1914	0.043	1954	0.115	1994	0.636		
1795	0.054	1835	0.038	1875	0.047	1915	0.043	1955	0.115	1995	0.654		
1796	0.057	1836	0.040	1876	0.046	1916	0.047	1956	0.117	1996	0.674		
1797	0.055	1837	0.041	1877	0.045	1917	0.055	1957	0.121	1997	0.689		
1798	0.053	1838	0.040	1878	0.043	1918	0.065	1958	0.124	1998	0.700		
1799	0.053	1839	0.040	1879	0.043	1919	0.074	1959	0.125	1999	0.715		
1800	0.054	1840	0.037	1880	0.044	1920	0.086	1960	0.127	2000	0.739		
1801	0.055	1841	0.037	1881	0.044	1921	0.077	1961	0.128	2001	0.760		
1802	0.046	1842	0.035	1882	0.044	1922	0.072	1962	0.130	2002	0.772		
1803	0.049	1843	0.032	1883	0.043	1923	0.073	1963	0.131	2003	0.790		
1804	0.051	1844	0.032	1884	0.042	1924	0.073	1964	0.133	2004	0.811		
1805	0.050	1845	0.033	1885	0.042	1925	0.075	1965	0.135	2005	0.838		
1806	0.052	1846	0.033	1886	0.040	1926	0.076	1966	0.139	2006	0.865		
1807	0.050	1847	0.035	1887	0.041	1927	0.075	1967	0.143	2007	0.890		
1808	0.054	1848	0.034	1888	0.041	1928	0.073	1968	0.149	2008	0.924		
1809	0.053	1849	0.033	1889	0.039	1929	0.073	1969	0.158	2009	0.921		
1810	0.053	1850	0.033	1890	0.039	1930	0.072	1970	0.167	2010	0.936		
1811	0.056	1851	0.033	1891	0.039	1931	0.065	1971	0.174	2011	0.966		
1812	0.057	1852	0.033	1892	0.039	1932	0.059	1972	0.179	2012	0.986		
1813	0.069	1853	0.033	1893	0.039	1933	0.056	1973	0.191	2013	1.000		

Revised January 20 and April 3, 2014, using final 2013 CPI (CPI = 2.32957) and inflation estimates by the Congressional Budget Office (CBO) and the Office of Management and Budget (OMB). **Inflation assumptions:** Inflation conversion factors for 2014 and later years assume 1.65% inflation in 2014, 2.00% in 2015, 2.10% in 2016, 2.20% in 2017, and 2.35% in each year 2018 to 2024. These are averages of OMB and CBO inflation estimates as of January (CBO) and March (OMB) 2014.

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 2014 in Excel and pdf formats for years 1774 to estimated 2024 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://oregonstate.edu/cla/polisci/sahr/sahr>.