

Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2024 to Convert to Dollars of 2002

Estimates for 2014-2024 are based on the average of OMB and CBO estimates as of early 2014. They will be revised in early 2015.

To convert dollars of any year to dollars of the year 2002, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1925 = \$10,309 of 2002 (\$1000 / 0.097).

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, \$10,309 in the example above becomes \$10,310 or \$10,300. For years prior to 1913, rounding to three (or more cautious, two) significant digits is recommended, e.g. \$10,309 becomes \$10,300, or \$10,000.

Note: To reverse the process, that is, to determine what a 2002-dollar amount would be in dollars of another year, simply **MULTIPLY** the year 2002 amount by the conversion factor for that year. For example, \$1000 of 2002 would be about \$78 in 1940 (\$1000 x 0.078 = \$78), again rounded to 3 or 2 significant digits.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.045	1814	0.098	1854	0.047	1894	0.048	1934	0.074	1974	0.274	2014	1.316
1775	0.043	1815	0.086	1855	0.048	1895	0.047	1935	0.076	1975	0.299	2015	1.342
1776	0.048	1816	0.078	1856	0.047	1896	0.047	1936	0.077	1976	0.316	2016	1.371
1777	0.059	1817	0.074	1857	0.048	1897	0.046	1937	0.080	1977	0.337	2017	1.401
1778	0.077	1818	0.071	1858	0.046	1898	0.046	1938	0.078	1978	0.362	2018	1.434
1779	0.068	1819	0.071	1859	0.046	1899	0.046	1939	0.077	1979	0.404	2019	1.467
1780	0.076	1820	0.065	1860	0.046	1900	0.047	1940	0.078	1980	0.458	2020	1.502
1781	0.062	1821	0.063	1861	0.049	1901	0.047	1941	0.082	1981	0.505	2021	1.537
1782	0.067	1822	0.065	1862	0.056	1902	0.048	1942	0.091	1982	0.536	2022	1.573
1783	0.059	1823	0.058	1863	0.070	1903	0.049	1943	0.096	1983	0.554	2023	1.610
1784	0.057	1824	0.054	1864	0.087	1904	0.049	1944	0.098	1984	0.578	2024	1.648
1785	0.054	1825	0.055	1865	0.091	1905	0.049	1945	0.100	1985	0.598		
1786	0.053	1826	0.055	1866	0.088	1906	0.050	1946	0.108	1986	0.609		
1787	0.052	1827	0.056	1867	0.082	1907	0.052	1947	0.124	1987	0.631		
1788	0.049	1828	0.053	1868	0.079	1908	0.051	1948	0.134	1988	0.658		
1789	0.049	1829	0.052	1869	0.076	1909	0.051	1949	0.132	1989	0.689		
1790	0.051	1830	0.051	1870	0.073	1910	0.053	1950	0.134	1990	0.727		
1791	0.052	1831	0.048	1871	0.068	1911	0.053	1951	0.145	1991	0.757		
1792	0.053	1832	0.048	1872	0.068	1912	0.054	1952	0.147	1992	0.780		
1793	0.055	1833	0.047	1873	0.067	1913	0.055	1953	0.148	1993	0.803		
1794	0.061	1834	0.048	1874	0.063	1914	0.056	1954	0.150	1994	0.824		
1795	0.070	1835	0.049	1875	0.061	1915	0.056	1955	0.149	1995	0.847		
1796	0.073	1836	0.052	1876	0.059	1916	0.061	1956	0.151	1996	0.872		
1797	0.071	1837	0.053	1877	0.058	1917	0.071	1957	0.156	1997	0.892		
1798	0.068	1838	0.052	1878	0.056	1918	0.084	1958	0.161	1998	0.906		
1799	0.068	1839	0.052	1879	0.056	1919	0.096	1959	0.162	1999	0.926		
1800	0.070	1840	0.048	1880	0.057	1920	0.111	1960	0.165	2000	0.957		
1801	0.071	1841	0.048	1881	0.057	1921	0.099	1961	0.166	2001	0.984		
1802	0.059	1842	0.046	1882	0.057	1922	0.093	1962	0.168	2002	1.000		
1803	0.063	1843	0.041	1883	0.056	1923	0.095	1963	0.170	2003	1.023		
1804	0.066	1844	0.042	1884	0.054	1924	0.095	1964	0.172	2004	1.050		
1805	0.065	1845	0.042	1885	0.054	1925	0.097	1965	0.175	2005	1.086		
1806	0.068	1846	0.043	1886	0.052	1926	0.098	1966	0.180	2006	1.121		
1807	0.064	1847	0.046	1887	0.053	1927	0.097	1967	0.186	2007	1.153		
1808	0.070	1848	0.044	1888	0.053	1928	0.095	1968	0.193	2008	1.197		
1809	0.068	1849	0.043	1889	0.051	1929	0.095	1969	0.204	2009	1.193		
1810	0.068	1850	0.043	1890	0.051	1930	0.093	1970	0.216	2010	1.212		
1811	0.073	1851	0.043	1891	0.051	1931	0.084	1971	0.225	2011	1.250		
1812	0.074	1852	0.043	1892	0.051	1932	0.076	1972	0.232	2012	1.276		
1813	0.089	1853	0.043	1893	0.050	1933	0.072	1973	0.247	2013	1.295		

Revised April 10, 2014, using final 2013 CPI (2.32957) and OMB and CBO inflation estimates for 2014-2024 as of early 2014. For inflation assumptions for 2014 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 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.

CF denominated in years 1995 to estimated 2014 in Excel and pdf formats for years 1774 to estimated 2024 are available at the online address stated 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/cl/polisci/sahr/sahr>.