

Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2024 to Convert to Dollars of 2005

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

To convert dollars of any year to dollars of the year 2005, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1926 = \$10,989 of 2005 (\$1000 / 0.091).

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.

Note: To reverse the process, that is, to determine what a 2005-dollar amount would be in dollars of another year, simply **MULTIPLY** the year 2005 amount by the conversion factor for that year. For example, \$1000 of 2005 would be about \$72 in 1940 (\$1000 x 0.072 = \$72), again rounded to 3 or 2 significant digits.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.041	1814	0.090	1854	0.043	1894	0.044	1934	0.069	1974	0.252	2014	1.212
1775	0.039	1815	0.079	1855	0.045	1895	0.043	1935	0.070	1975	0.275	2015	1.237
1776	0.045	1816	0.072	1856	0.044	1896	0.043	1936	0.071	1976	0.291	2016	1.263
1777	0.054	1817	0.068	1857	0.045	1897	0.042	1937	0.074	1977	0.310	2017	1.290
1778	0.071	1818	0.065	1858	0.042	1898	0.042	1938	0.072	1978	0.334	2018	1.321
1779	0.062	1819	0.065	1859	0.042	1899	0.042	1939	0.071	1979	0.372	2019	1.352
1780	0.070	1820	0.060	1860	0.042	1900	0.043	1940	0.072	1980	0.422	2020	1.384
1781	0.057	1821	0.058	1861	0.045	1901	0.044	1941	0.075	1981	0.465	2021	1.416
1782	0.062	1822	0.060	1862	0.052	1902	0.044	1942	0.083	1982	0.494	2022	1.449
1783	0.054	1823	0.054	1863	0.065	1903	0.045	1943	0.089	1983	0.510	2023	1.483
1784	0.052	1824	0.050	1864	0.080	1904	0.046	1944	0.090	1984	0.532	2024	1.518
1785	0.050	1825	0.051	1865	0.083	1905	0.045	1945	0.092	1985	0.551		
1786	0.049	1826	0.051	1866	0.081	1906	0.046	1946	0.100	1986	0.561		
1787	0.048	1827	0.051	1867	0.076	1907	0.048	1947	0.114	1987	0.582		
1788	0.046	1828	0.049	1868	0.073	1908	0.047	1948	0.123	1988	0.606		
1789	0.045	1829	0.048	1869	0.070	1909	0.047	1949	0.122	1989	0.635		
1790	0.047	1830	0.047	1870	0.067	1910	0.049	1950	0.123	1990	0.669		
1791	0.048	1831	0.045	1871	0.062	1911	0.049	1951	0.133	1991	0.697		
1792	0.049	1832	0.044	1872	0.062	1912	0.050	1952	0.136	1992	0.718		
1793	0.051	1833	0.043	1873	0.061	1913	0.051	1953	0.137	1993	0.740		
1794	0.056	1834	0.044	1874	0.058	1914	0.051	1954	0.138	1994	0.759		
1795	0.065	1835	0.045	1875	0.056	1915	0.052	1955	0.137	1995	0.780		
1796	0.068	1836	0.048	1876	0.055	1916	0.056	1956	0.139	1996	0.803		
1797	0.065	1837	0.049	1877	0.054	1917	0.066	1957	0.144	1997	0.822		
1798	0.063	1838	0.048	1878	0.051	1918	0.077	1958	0.148	1998	0.835		
1799	0.063	1839	0.048	1879	0.051	1919	0.089	1959	0.149	1999	0.853		
1800	0.065	1840	0.045	1880	0.052	1920	0.102	1960	0.152	2000	0.882		
1801	0.065	1841	0.045	1881	0.052	1921	0.092	1961	0.153	2001	0.907		
1802	0.055	1842	0.042	1882	0.052	1922	0.086	1962	0.155	2002	0.921		
1803	0.058	1843	0.038	1883	0.052	1923	0.088	1963	0.157	2003	0.942		
1804	0.060	1844	0.038	1884	0.050	1924	0.088	1964	0.159	2004	0.967		
1805	0.060	1845	0.039	1885	0.050	1925	0.090	1965	0.161	2005	1.000		
1806	0.062	1846	0.039	1886	0.048	1926	0.091	1966	0.166	2006	1.032		
1807	0.059	1847	0.042	1887	0.049	1927	0.089	1967	0.171	2007	1.062		
1808	0.065	1848	0.040	1888	0.049	1928	0.088	1968	0.178	2008	1.102		
1809	0.063	1849	0.039	1889	0.047	1929	0.088	1969	0.188	2009	1.098		
1810	0.063	1850	0.040	1890	0.047	1930	0.086	1970	0.199	2010	1.117		
1811	0.067	1851	0.039	1891	0.047	1931	0.078	1971	0.207	2011	1.152		
1812	0.068	1852	0.039	1892	0.047	1932	0.070	1972	0.214	2012	1.176		
1813	0.082	1853	0.039	1893	0.046	1933	0.067	1973	0.227	2013	1.193		

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 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>.