

Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2018 to Convert to Dollars of 1999

Estimates for 2008-2018 are based on the average of OMB and CBO estimates as of early 2008. They will be revised February 2009.

To convert dollars of any year to dollars of the year 1999, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1925 = \$9,524 of 1999 (\$1000 / 0.105).

Data series since 1912 have changed periodically, so numbers are not all precisely comparable. Therefore it is recommended that numbers be ROUNDED to no more than three decimal places. For example, \$9,524 in the example above becomes \$9,520. For years prior to 1913, rounding to two decimal places is recommended, e.g. \$9,524 becomes \$9,500.

Note: To reverse the process, that is, to determine what a 1999-dollar amount would be in dollars of another year, simply multiply the year 1999 amount by the conversion factor for that year. For example, \$1000 of 1999 would be about \$84 in 1940 (\$1000 x 0.084 = \$84), again rounded to 3 or 2 decimal places.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.048	1814	0.105	1854	0.050	1894	0.051	1934	0.080	1974	0.296	2014	1.460
1775	0.046	1815	0.092	1855	0.052	1895	0.050	1935	0.082	1975	0.323	2015	1.492
1776	0.052	1816	0.084	1856	0.051	1896	0.050	1936	0.083	1976	0.342	2016	1.525
1777	0.064	1817	0.080	1857	0.052	1897	0.050	1937	0.086	1977	0.364	2017	1.559
1778	0.083	1818	0.076	1858	0.049	1898	0.050	1938	0.085	1978	0.391	2018	1.593
1779	0.073	1819	0.076	1859	0.050	1899	0.050	1939	0.083	1979	0.436		
1780	0.082	1820	0.070	1860	0.050	1900	0.050	1940	0.084	1980	0.495		
1781	0.066	1821	0.068	1861	0.053	1901	0.051	1941	0.088	1981	0.546		
1782	0.073	1822	0.070	1862	0.060	1902	0.051	1942	0.098	1982	0.579		
1783	0.064	1823	0.063	1863	0.075	1903	0.053	1943	0.104	1983	0.598		
1784	0.061	1824	0.058	1864	0.094	1904	0.053	1944	0.106	1984	0.624		
1785	0.058	1825	0.059	1865	0.098	1905	0.053	1945	0.108	1985	0.646		
1786	0.057	1826	0.059	1866	0.095	1906	0.054	1946	0.117	1986	0.658		
1787	0.056	1827	0.060	1867	0.089	1907	0.056	1947	0.134	1987	0.682		
1788	0.053	1828	0.057	1868	0.085	1908	0.055	1948	0.145	1988	0.710		
1789	0.053	1829	0.056	1869	0.082	1909	0.054	1949	0.143	1989	0.744		
1790	0.055	1830	0.055	1870	0.078	1910	0.057	1950	0.145	1990	0.785		
1791	0.056	1831	0.052	1871	0.073	1911	0.057	1951	0.156	1991	0.818		
1792	0.057	1832	0.051	1872	0.073	1912	0.058	1952	0.159	1992	0.842		
1793	0.059	1833	0.050	1873	0.072	1913	0.059	1953	0.160	1993	0.867		
1794	0.066	1834	0.051	1874	0.068	1914	0.060	1954	0.161	1994	0.890		
1795	0.075	1835	0.053	1875	0.066	1915	0.061	1955	0.161	1995	0.915		
1796	0.079	1836	0.056	1876	0.064	1916	0.065	1956	0.163	1996	0.942		
1797	0.076	1837	0.057	1877	0.063	1917	0.077	1957	0.169	1997	0.963		
1798	0.074	1838	0.056	1878	0.060	1918	0.091	1958	0.173	1998	0.978		
1799	0.074	1839	0.056	1879	0.060	1919	0.104	1959	0.175	1999	1.000		
1800	0.075	1840	0.052	1880	0.061	1920	0.120	1960	0.178	2000	1.034		
1801	0.076	1841	0.052	1881	0.061	1921	0.107	1961	0.179	2001	1.063		
1802	0.064	1842	0.049	1882	0.061	1922	0.101	1962	0.181	2002	1.080		
1803	0.068	1843	0.044	1883	0.060	1923	0.103	1963	0.184	2003	1.104		
1804	0.071	1844	0.045	1884	0.059	1924	0.103	1964	0.186	2004	1.134		
1805	0.070	1845	0.045	1885	0.058	1925	0.105	1965	0.189	2005	1.172		
1806	0.073	1846	0.046	1886	0.056	1926	0.106	1966	0.194	2006	1.210		
1807	0.069	1847	0.049	1887	0.057	1927	0.104	1967	0.200	2007	1.245		
1808	0.075	1848	0.047	1888	0.057	1928	0.103	1968	0.209	2008	1.279		
1809	0.074	1849	0.046	1889	0.055	1929	0.103	1969	0.220	2009	1.307		
1810	0.074	1850	0.047	1890	0.054	1930	0.100	1970	0.233	2010	1.337		
1811	0.079	1851	0.046	1891	0.054	1931	0.091	1971	0.243	2011	1.367		
1812	0.080	1852	0.046	1892	0.054	1932	0.082	1972	0.251	2012	1.397		
1813	0.096	1853	0.046	1893	0.054	1933	0.078	1973	0.267	2013	1.429		

Revised April 1, 2008, using final 2007 CPI (CPI = 2.07342) and the average of early-2008 OMB and CBO inflation estimates for 2008 and later years. For inflation assumptions for 2008 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 2008 and later years assume 2.8% in 2008, 2.2% in 2009, 2.25% each year 2010 to 2013, and 2.2% each year 2014 to 2018. Estimates 2008-2013 are the average of OMB and CBO inflation estimates for each year as of early 2008; 2014-2018 are only from CBO because OMB did not project past 2013 in its 2009 Budget proposals.

CF denominated in years 1995 to estimated 2008 in Excel format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742007.xls>

CF denominated in years 1995 to estimated 2008 in pdf format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742007.pdf>

Prior to the 2008 revision, a different data based was used for the period starting 1665 and ending 1913. See the main inflation conversion factor page for detail

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