

## Consumer Price Index (CPI) Conversion Factors 1774 to estimated 2019 to Convert to Dollars of 2007

Estimates for 2009-2019 are based on the average of OMB and CBO estimates as of early 2009. They will be revised February 2010.

**To convert dollars of any year to dollars of the year 2007, DIVIDE the dollar amount from that year by the conversion factor (CF) for that year. For example, \$1000 of 1922 = \$12,346 of 2007 (\$1000 / 0.081).**

To reverse the process, that is, to determine what a 2007-dollar amount would be in dollars of another year, simply multiply the year 2007 amount by the conversion factor for that year. For example, \$1000 of 2007 would be about \$68 in 1940 (\$1000 x 0.068 = \$68).

Data series since 1912 have changed periodically, so numbers are not all precisely comparable. Therefore it is recommended that numbers be **ROUNDED**, especially for numbers prior to 1913. For example, \$12,346 in the example above becomes \$12,350. For years prior to 1913, rounding to two decimal places is recommended, e.g. \$12,346 becomes \$12,300.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1774	0.039	1814	0.085	1854	0.041	1894	0.041	1934	0.065	1974	0.238	2014	1.116
1775	0.037	1815	0.074	1855	0.042	1895	0.041	1935	0.066	1975	0.259	2015	1.134
1776	0.042	1816	0.068	1856	0.041	1896	0.041	1936	0.067	1976	0.274	2016	1.153
1777	0.051	1817	0.064	1857	0.042	1897	0.040	1937	0.069	1977	0.292	2017	1.172
1778	0.067	1818	0.061	1858	0.040	1898	0.040	1938	0.068	1978	0.314	2018	1.191
1779	0.059	1819	0.061	1859	0.040	1899	0.040	1939	0.067	1979	0.350	2019	1.211
1780	0.066	1820	0.057	1860	0.040	1900	0.041	1940	0.068	1980	0.397		
1781	0.053	1821	0.055	1861	0.043	1901	0.041	1941	0.071	1981	0.438		
1782	0.059	1822	0.057	1862	0.049	1902	0.041	1942	0.079	1982	0.465		
1783	0.051	1823	0.051	1863	0.061	1903	0.043	1943	0.083	1983	0.480		
1784	0.049	1824	0.047	1864	0.076	1904	0.043	1944	0.085	1984	0.501		
1785	0.047	1825	0.048	1865	0.079	1905	0.043	1945	0.087	1985	0.519		
1786	0.046	1826	0.048	1866	0.077	1906	0.043	1946	0.094	1986	0.529		
1787	0.045	1827	0.048	1867	0.071	1907	0.045	1947	0.108	1987	0.548		
1788	0.043	1828	0.046	1868	0.069	1908	0.045	1948	0.116	1988	0.571		
1789	0.043	1829	0.045	1869	0.066	1909	0.044	1949	0.115	1989	0.598		
1790	0.044	1830	0.045	1870	0.063	1910	0.046	1950	0.116	1990	0.630		
1791	0.045	1831	0.042	1871	0.059	1911	0.046	1951	0.125	1991	0.657		
1792	0.046	1832	0.041	1872	0.059	1912	0.047	1952	0.128	1992	0.677		
1793	0.048	1833	0.041	1873	0.058	1913	0.048	1953	0.129	1993	0.697		
1794	0.053	1834	0.041	1874	0.055	1914	0.048	1954	0.130	1994	0.715		
1795	0.061	1835	0.043	1875	0.053	1915	0.049	1955	0.129	1995	0.735		
1796	0.064	1836	0.045	1876	0.052	1916	0.053	1956	0.131	1996	0.757		
1797	0.061	1837	0.046	1877	0.051	1917	0.062	1957	0.136	1997	0.774		
1798	0.059	1838	0.045	1878	0.048	1918	0.073	1958	0.139	1998	0.786		
1799	0.059	1839	0.045	1879	0.048	1919	0.083	1959	0.140	1999	0.804		
1800	0.061	1840	0.042	1880	0.049	1920	0.096	1960	0.143	2000	0.831		
1801	0.061	1841	0.042	1881	0.049	1921	0.086	1961	0.144	2001	0.854		
1802	0.052	1842	0.039	1882	0.049	1922	0.081	1962	0.146	2002	0.868		
1803	0.055	1843	0.036	1883	0.049	1923	0.082	1963	0.148	2003	0.887		
1804	0.057	1844	0.036	1884	0.047	1924	0.082	1964	0.150	2004	0.911		
1805	0.057	1845	0.037	1885	0.047	1925	0.084	1965	0.152	2005	0.942		
1806	0.059	1846	0.037	1886	0.045	1926	0.085	1966	0.156	2006	0.972		
1807	0.056	1847	0.040	1887	0.046	1927	0.084	1967	0.161	2007	1.000		
1808	0.061	1848	0.038	1888	0.046	1928	0.082	1968	0.168	2008	1.038		
1809	0.059	1849	0.037	1889	0.045	1929	0.082	1969	0.177	2009	1.032		
1810	0.059	1850	0.038	1890	0.044	1930	0.081	1970	0.187	2010	1.047		
1811	0.063	1851	0.037	1891	0.044	1931	0.073	1971	0.195	2011	1.063		
1812	0.064	1852	0.037	1892	0.044	1932	0.066	1972	0.202	2012	1.080		
1813	0.077	1853	0.037	1893	0.043	1933	0.063	1973	0.214	2013	1.098		

Revised June 3, 2009, using final 2008 CPI (CPI = 2.15303) and OMB and CBO Spring 2009 inflation estimates for 2009-2019. For inflation assumptions for 2009 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 2009 and later years assume inflation of -0.65% in 2009, 1.50% in 2010 and 2011; 1.60% in 2012; and 1.65% each year 2013 to 2019. These are the averages of OMB and CBO inflation estimates for each year as of March 2009.

CF denominated in years 1995 to estimated 2009 in Excel format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742008.xls>  
 CF denominated in years 1995 to estimated 2009 in pdf format starting 1774 are available at: <http://oregonstate.edu/cla/polisci/faculty-research/sahr/inf17742008.pdf>

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/faculty-research/sahr/sahr.htm>.