Consumer Price Index (CPI) Conversion Factors to Convert to 2010 Dollars
Using the CPI-U-X1 series, which applies the post-1982 CPI to 1950-1982
(should be used when exact comparisons are needed between years during the period starting 1950)

To convert dollars of a year to 2010 dollars, DIVIDE the dollar amount of that year by the conversion factor (CF) for that year
For example, $1000 dollars of 1953 = $7519 dollars of 2010 ($1000 / 0.133).
It is recommended that numbers be rounded to no more than three significant digits, so $7519 becomes $7520.

Note: To reverse the process, that is, to determine what a 2010-dollar figure would be in the dollars of another year, simply multiply the 2010 figure by the conversion factor of that year. For example, $1000 2010 dollars would be about $132 in 1952 ($1000 x 0.132 = 132).

Note: If all years to be converted are after 1982, use either CPI-U-X1 or CPI-U, which are the same starting 1983.

Year	CF	Year	CF	Year	CF	Year	CF	Year	CF	Year	CF
1950	0.120	**1962**	0.153	**1975**	0.258	**1987**	0.521	**2000**	0.790	**2013**	1.048
1951	0.130	**1963**	0.155	**1976**	0.272	**1988**	0.543	**2001**	0.812	**2014**	1.068
1952	0.132	**1964**	0.157	**1977**	0.290	**1989**	0.569	**2002**	0.825	**2015**	1.090
1953	0.133	**1965**	0.161	**1978**	0.310	**1990**	0.599	**2003**	0.844	**2016**	1.113
1954	0.134	**1966**	0.166	**1979**	0.339	**1991**	0.625	**2004**	0.866	**2017**	1.138
1955	0.133	**1967**	0.173	**1980**	0.377	**1992**	0.643	**2005**	0.896	**2018**	1.163
1956	0.136	**1968**	0.181	**1981**	0.413	**1993**	0.663	**2006**	0.925	**2019**	1.189
1957	0.140	**1969**	0.189	**1982**	0.438	**1994**	0.680	**2007**	0.951	**2020**	1.215
1958	0.144	**1970**	0.198	**CPI-U = CPI-U-X1**		**1995**	0.699	**2008**	0.987	**2021**	1.242
1959	0.145	**1971**	0.204	**1983**	0.457	**1996**	0.720	**2009**	0.984		
1960	0.148	**1972**	0.216	**1984**	0.476	**1997**	0.736	**2010**	1.000		
1961	0.149	**1973**	0.216	**1985**	0.493	**1998**	0.748	**2011**	1.014		
1962	0.150	**1974**	0.238	**1986**	0.503	**1999**	0.764	**2012**	1.030		

Revised June 28, 2011, using final 2010 CPI (CPI = 2.18056) and OMB and CBO inflation estimates for 2011-2021 as of January-February 2011. For inflation assumptions for 2011 and later years, see the shaded box below.

CPI is CPI-U-X1, which applies the post-1982 CPI methods to the period 1950 to 1982.
By definition, CPI-U-X1 equals CPI-U starting in 1983, so the conversion factors are the same.

Inflation assumptions: Inflation conversion factors for 2011 and later years assume 1.45% in 2011, 1.55% in 2012, 1.75% in 2013, 1.90% in 2014, 2.05% in 2015, 2.15% in 2016, 2.25% in 2017, and 2.20% in 2018-2021. These are averages of OMB and CBO inflation estimates as of January-February 2011.

The 1983 changes reduced the inflation rate by changing the way costs of home ownership are measured.
For reference, the following lists yearly inflation rate 1970 to 1985 using the CPI and the CPI-U-X1 series, which applies the 1983 measure to the period 1950 to 1982.

	CPI	CPI-U-X1	CPI Inflation	X1 Inflation	Difference (CPI minus X1)
1970	38.8	41.3	5.7	4.8	0.9
1971	40.5	43.1	4.4	4.4	0.0
1972	41.8	44.4	3.2	3.0	0.2
1973	44.4	47.2	6.2	6.3	-0.1
1974	49.3	51.9	11.0	10.0	1.0
1975	53.8	56.2	9.1	8.3	0.8
1976	56.9	59.4	5.8	5.7	0.1
1977	60.6	63.2	6.5	6.4	0.1
1978	65.2	67.5	7.6	6.8	0.8
1979	72.6	74.0	11.3	9.6	1.7
1980	82.4	82.3	13.5	11.2	2.3
1981	90.9	90.1	10.3	9.5	0.8
1982	96.5	95.6	6.2	6.1	0.0
1983	99.6	99.6	3.2	4.2	-1.0

Starting 1983, CPI = CPI-U-X1, but comparing changes between 1982 and 1983 price levels in CPI and CPI-U-X1 results in different rates of inflation for 1983.

CF denominated in years 1995 to estimated 2011 in Excel and pdf formats for years 1774 to estimated 2021 are available 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/faculty-research/sahr/sahr.htm.

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