



## Long series on consumer prices – data documentation

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The BIS's data set for consumer prices contains long monthly and annual time series for 62 countries. The average length of the monthly series is more than 60 years. Some annual series go back to the mid-19th century – or even earlier for several countries. For each country, the most recent data correspond to the national consumer price index published by the statistical offices. Proxy indicators, such as a consumer price index with limited coverage<sup>1</sup> or the retail price index, were used to extend the series back as far as possible.

The BIS constructed the long consumer price index by joining<sup>2</sup> the series available for consecutive periods. In doing so, it has worked closely with national authorities to provide the most accurate data possible. The long series are rebased and presented on a monthly and annual frequency. The publication contains both the index figures with the reference period 2010 = 100 and the year-on-year percentage changes<sup>3</sup>.

The BIS long series have been used, in particular, for the calculation of the published real effective exchange rate and real residential property price series; they are also a useful support for macroeconomic and financial stability research.

Listed below are the series used to compile the BIS long series, as well as links to websites where the most recent national data can be found. Any use of the long series should be cited as follows: "Sources: National sources; BIS long consumer prices database, [www.bis.org/statistics/cp.htm](http://www.bis.org/statistics/cp.htm)."

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<sup>1</sup> For example, a consumer price index used for wage indexation, or a consumer price index covering certain geographical areas.

<sup>2</sup> The consecutive series are joined with each other using the observations of their first overlapping year. In the few cases when the overlapping period is shorter, the series are joined based on a single month of overlapping data.

<sup>3</sup> Due to rounding effects, the annual data, and year-on-year percentage changes published in the data set may slightly differ from the data published by the national sources.

Country	Starting year				
	Annual data <sup>4</sup>	Monthly data <sup>5</sup>	Consumer prices	Consumer Price Index with limited coverage <sup>6</sup>	Retail Price Index or other proxy
United Kingdom	1661	1915	From 1915	From 1661	
Sweden	1830	1914	From 1830		
Iceland	1849	1939	From 1939		From 1849
Belgium	1850	1920	From 1850		
Norway	1865	1920	From 1865		
Denmark	1900	1922	From 1900		
Netherlands	1900	1965	From 1900		
United States	1913	1913	From 1913		
Canada	1914	1914	From 1914		
Switzerland	1921	1921	From 1921		
New Zealand	1914	1925	From 1914		
Ireland	1922	1922	From 1922		
South Africa	1922	1922		From 1922	
Australia	1922	1922	From 1922		
Germany	1923	1948	From 1948		
Chile	1928	1928	From 2009	From 1928	
Türkiye	1938	1964	From 1964	From 1938	
Mexico	1939	1969	From 1969		From 1938
Argentina	1943	1943	From 2013	From 1943	
Japan	1946	1946	From 1970	From 1946	
Hong Kong	1947	1947	From 1964	1974-1980	1947-1964
Italy	1947	1947	From 1990	From 1947	
Austria	1948	1948	From 1948		
Luxemburg	1948	1948	From 1948		

<sup>4</sup> Highlighted in blue if longer than monthly.

<sup>5</sup> Calculated from quarterly data for Australia and New Zealand.

<sup>6</sup> Geographical or households.

Country	Starting year				
	Annual data <sup>4</sup>	Monthly data <sup>5</sup>	Consumer prices	Consumer Price Index with limited coverage <sup>6</sup>	Retail Price Index or other proxy
Portugal	1948	1948	From 1948		
Peru	1949	1949	From 1949		
France	1950	1950	From 1990		From 1950
Israel	1951	1951	From 1951		
Finland	1952	1952	From 1952		
India	1953	1953	From 2014		From 1953
Spain	1954	1954	From 1954		
Colombia	1954	1954	From 1954		
Philippines	1957	1957	From 1957		
Greece	1959	1959	From 1959		
Singapore	1961	1961	From 1961		
Korea	1965	1965	From 1965		
Malaysia	1968	1968	From 1980	From 1968	
Thailand	1976	1976	From 1976		
China	1978	1995	From 1978		
Indonesia	1979	1979	From 1979		
Brazil	1980	1980	From 1980		
Cyprus	1980	1980	From 1980		
United Arab Emirates	1980	2008	From 1980		
Poland	1989	1989	From 1989		
Bulgaria	1990	1990	From 1990		
Czechia	1990	1990	From 1990		
Euro area	1990	1990	From 1990		
Romania	1990	1990	From 1990		
Saudi Arabia	1990	1990	From 1999		From 1990
Slovak Republic	1990	1990	From 1990		
Latvia	1991	1991	From 1991		

Country	Starting year				
	Annual data <sup>4</sup>	Monthly data <sup>5</sup>	Consumer prices	Consumer Price Index with limited coverage <sup>6</sup>	Retail Price Index or other proxy
Lithuania	1991	1991	From 1991		
North Macedonia	1991	1991	From 1991		
Malta	1991	1991	From 1991		
Croatia	1992	1992	From 1992		
Estonia	1992	1992	From 1992		
Hungary	1992	1992	From 1992		
Slovenia	1992	1992	From 1992		
Serbia	1993	1993	From 1993		
Algeria	1995	1995		From 1995	
Russia	2001	2001	From 2001		
Morocco	2007	2007	From 2007		

## Coverage and sources

Country			
AE	United Arab Emirates	Compilation	From Jan 2022 onwards: Consumer Price Index (2021 = 100, interpolated from quarterly data)
		Source	Jan 2008—December 2021: Consumer Price Index (2014=100); 1980–2007: Consumer Price Index (annual data) National Bureau of Statistics
AR	Argentina	Compilation	From Dec 2013 onwards: Consumer Price Index BIS calculation; Jan 1943–Nov 2013 : Consumer Price Index for Buenos Aires city (BIS calculation)
		Source	The National Institute of Statistics and Censuses
AT	Austria	Compilation	From Jan 1948 onwards: Consumer Price Index (2020 = 100)
		Source	Statistics Austria
AU	Australia	Compilation	From Q2 1922 onwards: Consumer Price Index (interpolated from quarterly data)
		Source	Australian Bureau of Statistics
BE	Belgium	Compilation	From Jan 1920 onwards: Consumer Price Index (2013=100); 1850–1919: Consumer Price Index (annual data)
		Source	Statistics Belgium
BG	Bulgaria	Compilation	From May 1990 onwards: Consumer Price Index (1995=100)
		Source	Statistics Bulgaria
BR	Brazil	Compilation	From Jan 1980 onwards: Consumer Price Index (1990=100)
		Source	Institute of Geography and Statistics
CA	Canada	Compilation	From Jan 1914 onwards: Consumer Price Index (2002=100)
		Source	Statistics Canada
CH	Switzerland	Compilation	From Jan 1921 onwards: Consumer Price Index (Dec 2020=100)
		Source	Swiss Federal Statistical Office
CL	Chile	Compilation	From Jan 2018 onwards: Consumer Price Index (2018=100) Dec 2009–Dec 2017: Consumer Price Index (2013=100); Jan 1928–Nov 2009: Consumer Price Index for Santiago city
		Source	National Statistics Institute
CN	China	Compilation	From Jan 2001 onwards: Consumer Price Index (Dec 2000=100); Jan 1995–Dec 2000: Consumer Price Index by BIS calculation (Jan 1994=100); 1978–1994: Consumer Price Index (annual data)
		Source	National Bureau of Statistics of China
CO	Colombia	Compilation	From Jan 1954 onwards: Consumer Price Index
		Source	National Department of Statistics
CY	Cyprus	Compilation	For Jan 1990 onwards: Consumer Price Index (2015=100); Jan 1980–Dec 1989: Consumer Price Index (1992=100)
		Source	Statistical Service of Cyprus
CZ	Czechia	Compilation	From Jan 1990 onwards: Consumer Price Index (2015=100)
		Source	Czech Statistical Office
DE	Germany	Compilation	From Jan 2015 onwards: Consumer Price Index (2015=100); Jan 1991–Dec 2014: Consumer Price Index (2010=100); Jun 1948–Dec 1990: Consumer Price Index for West Germany (1991=100); 1923–1947: Consumer Price Index (annual data)
		Source	Federal Statistical Office, Bundesbank calculation
DK	Denmark	Compilation	From Jan 1980 onwards: Consumer Price Index (2015=100); Jan 1975–Dec 1980 Consumer Price Index (2000=100); Jan 1923–Dec 1974 Consumer Price Index (2000=100); 1900–1974: Consumer Price Index (annual data)
		Source	Statistics Denmark
DZ	Algeria	Compilation	From Jan 2002 onwards: Consumer Price Index for Algiers area (2001=100); Jan 1995–Dec 2001: Consumer Price Index for Algiers area (1989=100)
		Source	National Office of Statistics

Country			
EE	Estonia	Compilation Source	From Jul 1992 onwards: Consumer Price Index (1997=100) Statistics Estonia
ES	Spain	Compilation Source	From Jan 2002 onwards: Consumer Price Index (2016=100); Jan 1954–Dec 1989: Consumer Price Index (1992=100) National Statistics Institute
FI	Finland	Compilation Source	From Jan 2015 onwards: Consumer Price Index (2015=100); Jan 1985–Dec 2014: Consumer Price Index (2010=100); Jan 1952–Dec 1984: Consumer Price Index (1995=100) Statistics Finland
FR	France	Compilation Source	From Jan 1990 onwards: Consumer Price Index (1998=100); Dec 1950–Dec 1989: Retail Price Index (1980=100) National Institute of Statistics and Economic Studies
GB	United Kingdom	Compilation Source	From Jan 1988 onwards: Consumer Price Index (2015=100); Jan 1915–Dec 1987: Consumer Price Index (BoE spliced data (2005=100)); 1661–1915: Consumer Price Index (annual data BoE spliced) Office for National Statistics , Bank of England calculation
GR	Greece	Compilation Source	From Jan 1959 onwards: Consumer Price Index (2009=100) Hellenic Statistical Authority
HK	Hong Kong SAR	Compilation Source	From Jul 1980 onwards: Consumer Price Index (2009/2010=100); Jul 1974–Jun 1980: Consumer Price Index for middle income group (Oct 2009–Sep 2010=100); Sep 1964–Jun 1974: Consumer Price Index (Sep 1963–Aug 1964 =100); Mar 1947–Aug 1964: Retail Price Index (Mar 1947=100) Hong Kong Census and Statistics Department
HR	Croatia	Compilation Source	From Jan 1998 onwards: Consumer Price Index (2015=100); Jan 1992–Dec 1997: Consumer Price Index (2010=100) Croatian Bureau of Statistics
HU	Hungary	Compilation Source	From Jan 1992 onwards: Consumer Price Index (Dec 1991=100) Hungarian Central Statistical Office
ID	Indonesia	Compilation Source	From Jan 2009 onwards: Consumer Price Index (2012=100); Jan 1979–Dec 2008: Consumer Price Index (Apr 1977 Mar 1978=100) Statistics Indonesia
IE	Ireland	Compilation Source	From Nov 1996 onwards: Consumer Price Index (Dec 2016 =100); Jan 1990 -Oct 1996 Consumer Price Index (Dec 2006=100); Jan 1922 Consumer Price Index (1914=100) Central Statistics Office Ireland
IL	Israel	Compilation Source	From Sep 1951 onwards: Consumer Price Index (2020=100) Central Bureau of Statistics
IN	India	Compilation Source	From Jan 2014 onwards: Consumer Price Index (2012=100); Apr 1953–Dec 2013: Wholesale Prices Index (Apr 1953=100) Ministry of Statistics and Programme Implementation
IS	Iceland	Compilation Source	From May 1988 onwards: Consumer Price Index (May 1988=100); Jan 1968–Apr 1987: Consumer Price Index (Jan 1968=100); Jan 1939–Dec 1967: Consumer Price Index (Jan 1939=100); 1849–1938 General Price Index (annual data) Statistics Iceland
IT	Italy	Compilation Source	From Jan 1990 onwards: Consumer Price Index (2015=100); Jan 1947–Dec 1989: Consumer Price Index (workers and employees) Italian National Institute of Statistics
JP	Japan	Compilation Source	From Jan 1970 onwards: Consumer Price Index (2015=100); Aug 1946–Dec 1969: Consumer Prices Index (excluding imputed rent) Statistics Bureau
KR	Korea	Compilation Source	From Jan 1965 onwards: Consumer Price Index (2015=100) Korean National Statistical Office
LT	Lithuania	Compilation Source	From Jan 1991 onwards: Consumer Price Index (2015=100) Statistics Lithuania

Country			
LU	Luxembourg	Compilation Source	From Jan 1995 onwards: Consumer Price Index (2015=100); Jan 1948–Dec 1994: Consumer Price Index (Jan 1948=100) STATEC (Luxembourg)
LV	Latvia	Compilation Source	From Jan 1994 onwards: Consumer Price Index (2000=100); Jan 1948–Dec 1993: Consumer Price Index (1990=100) Central Statistical Bureau of Latvia
MK	North Macedonia	Compilation Source	From Jan 1991 onwards: Consumer Price Index (2010=100) Republic of Macedonia State Statistical Office
MA	Morocco	Compilation Source	From Jan 2007 onwards: Consumer Price Index (2017=100) Haut Commissariat au Plan du Maroc
MT	Malta	Compilation Source	From Jan 1991 onwards: Consumer Price Index (Dec 2016=100) National Statistical Office
MX	Mexico	Compilation Source	From Jan 1969 onwards: Consumer Price Index (second half Dec 2010=100); 1939–1968 cost of living in Mexico City index (annual data) National Institute of Statistics and Geography, Secretaría de Economía Nacional
MY	Malaysia	Compilation Source	From Jan 1980 onwards: Consumer Price Index (2010=100); Jan 1968–Dec 1979: Consumer Price Index for Peninsular Malaysia (2010=100) Department of Statistics Malaysia
NL	Netherlands	Compilation Source	From Jan 1965 onwards: Consumer Price Index (2015=100); 1900–1964: Consumer Price Index (annual data) Central Bureau of Statistics
NO	Norway	Compilation Source	From Mar 1920 onwards: Consumer Price Index (2015=100); 1865–1919: Consumer Price Index (annual data) Statistics Norway
NZ	New Zealand	Compilation Source	From July 1925 onwards: Consumer Price Index (2017Q2=1000, interpolated from quarterly data) 1914–1924: Consumer Price Index (annual data) Statistics New Zealand
PE	Peru	Compilation Source	From Jan 1949 onwards: Consumer Price Index (2009=100) National Institute of Statistics and Informatics
PH	Philippines	Compilation Source	From Jan 1980 onwards: Consumer Price Index (2012=100); Jan 1957–Dec 1979: Consumer Price Index (2000=100) Philippine Statistics Authority
PL	Poland	Compilation Source	From Jan 1989 onwards: Consumer Price Index (1998=100) Central Statistical Office of Poland
PT	Portugal	Compilation Source	From Jan 1948 onwards: Consumer Price Index (2012=100) Statistics Portugal
RO	Romania	Compilation Source	From Oct 1990 onwards: Consumer Price Index (Dec 2004=100) National Institute of Statistics
RS	Serbia	Compilation Source	From Jan 2007 onwards: Consumer Price Index (2006=100); Dec 1993–Dec 2006: Consumer Price Index (Dec 1998=100) Statistical Office of the Republic of Serbia
RU	Russia	Compilation Source	From Jan 2001 onwards: Consumer Price Index (2000=100) Russian Federal State Statistics Services
SA	Saudi Arabia	Compilation Source	From Jan 2011 onwards: Consumer Price Index (2007=100); Jan 1999–Dec 2010: Consumer Price Index (1999=100); Jan 1993–Dec 1998: Cost of Living Index (1988=100); Jan 1990–Dec 1992: Cost of Living Index (1999=100) General Authority for Statistics
SE	Sweden	Compilation Source	From Jan 1955 onwards: Consumer Price Index (1980=100); Jul 1914–Dec 1954: Consumer Price Index (Jul 1914=100); 1830–1913: Consumer Price Index (annual data) National Central Bureau of Statistics
SG	Singapore	Compilation Source	From Jan 1961 onwards: Consumer Price Index (2019=100). Singapore Department of Statistics

Country			
SI	Slovenia	Compilation Source	From Jan 1992 onwards: Consumer Price Index (2015=100) (Prior to 2000 based on Central Bank estimation) Statistical Office of the Republic of Slovenia
SK	Slovak Republic	Compilation Source	From Dec 2000 onwards: Consumer Price Index (2000=100); Jan 1990–Nov 2000: Consumer Price Index (2010=100) Statistical Office of the Slovak Republic
TH	Thailand	Compilation Source	From Jan 1976 onwards: Consumer Price Index (2015=100) National Statistical Office of Thailand
TR	Türkiye	Compilation Source	From Jan 2003 onwards: Consumer Price Index (2003=100); Jan 1964–Dec 2002: Consumer Price Index (1994=100); 1938–1963: Consumer Price Index for Ankara city (annual data) Turkish Statistical Institute
US	United States	Compilation Source	From Jan 1913 onwards: Consumer Price Index (1982/1984=100) Bureau of Labor Statistics
XM	Euro area	Compilation Source	From Jan 1996 onwards: Consumer Price Index (2015=100) Jan 1990-Dec 1995 BIS estimation Eurostat
ZA	South Africa	Compilation Source	From Jan 2002 onwards: Consumer Price Index (metropolitan areas Dec 2016=100) Statistics South Africa