



SINGAPORE DEPARTMENT OF STATISTICS

PRESS RELEASE

SINGAPORE CONSUMER PRICE INDEX (2009 = 100) NOVEMBER 2010

Highlights

- The consumer price index in November 2010 rose by 0.3 per cent over October 2010 as a result of higher costs of housing, transport as well as “recreation & others”. Excluding accommodation costs, the consumer price index crept up by 0.2 per cent.
- Compared with a year ago, the consumer price index increased by 3.8 per cent in November 2010 following higher costs of transport, housing and food. Excluding accommodation costs, the consumer price index was 3.7 per cent higher.
- In Jan - Nov 2010, the consumer price index went up by 2.7 per cent compared with the same period in 2009. Excluding accommodation costs, the consumer price index increased by 3.2 per cent.

Month-on-Month Changes

The consumer price index in November 2010 increased by 0.3 per cent compared with October 2010. This was due primarily to higher costs of housing, transport as well as “recreation & others”. Housing cost rose by 0.5 per cent arising from higher accommodation costs which more than offset lower gas tariffs. Reflecting higher prices of cars and petrol, the cost of transport registered an increase of 0.4 per cent. Higher holiday travel cost and salary for foreign maids raised the index for “recreation & others” by 0.5 per cent. Excluding accommodation costs, the consumer price index was 0.2 per cent higher in November 2010 compared with October 2010.

Seasonally-Adjusted CPI

On a seasonally adjusted basis, the consumer price index in November 2010 went up by 0.4 per cent. Excluding accommodation costs, the consumer price index rose by 0.3 per cent in November 2010.

Year-on-Year Changes

Compared with November 2009, the consumer price index increased by 3.8 per cent in November 2010 on account of higher costs of transport, housing and food. The 9.4 per cent increase in the cost of transport stemmed mainly from higher prices of cars and petrol. Housing cost rose by 4.0 per cent owing to higher accommodation costs and electricity tariffs. With dearer prepared meals, vegetables, fresh seafood, dairy products & eggs as well as rice & other cereals, food items cost 1.8 per cent more. Excluding accommodation costs, the consumer price index moved up by 3.7 per cent in November 2010 compared with a year ago.

The consumer price index in Jan - Nov 2010 rose by 2.7 per cent compared with the same period in 2009. Excluding accommodation costs, the consumer price index was 3.2 per cent higher.

CONSUMER PRICE INDEX (2009 = 100)

Group	Weights (%)	Index			% Change	
		Nov 2009	Oct 2010	Nov 2010	Nov 2010/ Oct 2010	Nov 2010/ Nov 2009
ALL ITEMS	100	100.6	104.1	104.5	0.3	3.8
Food	22	100.2	101.9	102.0	0.1	1.8
Clothing & Footwear	3	100.9	102.3	102.8	0.5	1.8
Housing	25	100.3	103.8	104.3	0.5	4.0
Transport	16	103.7	112.9	113.4	0.4	9.4
Communication	5	97.6	97.9	98.0	0.1	0.5
Education & Stationery	7	100.2	103.8	103.9	0.2	3.7
Health Care	6	100.3	102.8	102.9	-	2.6
Recreation & Others	16	100.0	101.9	102.4	0.5	2.4
All Items less Accommodation	80	100.9	104.3	104.6	0.2	3.7

Note: A technical note on the consumer price index is given in Annex 1.

Singapore Department of Statistics
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TECHNICAL NOTE

Concept and Definition

The consumer price index (CPI) is commonly used as a measure of consumer price inflation. It measures price changes in a fixed basket of consumption goods and services commonly purchased by the households over time. The selection of goods and services in the CPI basket as well as their weights are kept constant at the base period to ensure that any changes in the CPI reflect only price changes.

The weighting pattern for the 2009-based CPI was derived from the expenditure values collected from the Household Expenditure Survey (HES) conducted from October 2007 to September 2008. These expenditure values were updated to 2009, taking into account price changes between 2007/08 and 2009.

The CPI is compiled on a monthly basis. For longer periods, the CPI is derived by averaging the monthly indices. For example, the yearly CPI is derived by taking a simple average of the 12 months' indices for the year.

Scope and Coverage

The CPI covers only consumption expenditure incurred by resident households. It excludes non-consumption expenditures such as loan repayments, income and property taxes, purchase of houses, shares and other financial assets etc. Resident households are defined as households headed by a Singapore citizen or permanent resident.

The 2009-based CPI basket covered a total of 6,500 brands.

Measurement of Changes in the Consumer Price Index

To calculate month-on-month change, the difference between the CPI for the specific month and that for the preceding month expressed in percentage term is used. This measures the change in average prices between the two months and serves as a useful short-term indicator of price movement.

To measure the year-on-year change, the CPI for the specific month is compared with that for the same month of preceding year. Likewise, the annual inflation rate for a specific year is computed by comparing the average for the 12 monthly indices with that for the preceding year.

Consumer Price Index for “All Items Less Accommodation”

Accommodation comprises “rental and owner-occupied accommodation”, as well as “minor repairs & maintenance”. Within accommodation, a significant share was attributed to “owner-occupied accommodation” cost which was computed based on the imputed rental concept and hence, has no impact on the cash expenditure of households. In addition, under minor repairs & maintenance, the rebates for service & conservancy charges (S&CC) which are given to households living in HDB flats in different periods of the year also result in some volatility in the monthly CPI. Hence, the series on 'All Items less accommodation' is compiled as an additional indicator for interested users.

Seasonally adjusted Consumer Price Index

The data series on CPI and its major components are seasonally adjusted using the X-12 procedure. Seasonal adjustment is the process of estimating and removing seasonal effects from a time series. Users interested in the underlying price trends could refer to the seasonally adjusted data series.