



SINGAPORE CONSUMER PRICE INDEX¹ BY HOUSEHOLD INCOME GROUP

July – December and Full Year 2021

Overview

July – December 2021

- In the second half of 2021 (2H 2021), the Consumer Price Index (CPI)-All Items for general households increased by 3.1 per cent on a year-on-year (y-o-y) basis, higher than the 1.5 per cent increase in the first half of 2021.
- By household income groups, the CPI-All Items rose by 2.4 per cent, 2.7 per cent and 3.7 per cent y-o-y for the lowest 20%, middle 60% and highest 20% income groups respectively.
- Excluding imputed rentals on owner-occupied accommodation (OOA), the CPI for the lowest 20%, middle 60% and highest 20% income groups increased by 2.3 per cent, 2.8 per cent and 4.1 per cent y-o-y respectively.

Full Year 2021

- For the whole of 2021, the CPI-All Items for general households rose by 2.3 per cent. This was partly due to low base effects as CPI-All Items fell by 0.2 per cent in 2020.
- By household income groups, the CPI-All Items went up by 1.7 per cent, 2.0 per cent and 2.8 per cent for the lowest 20%, middle 60% and highest 20% income groups respectively.
- Excluding imputed rentals on OOA, the CPI for the lowest 20%, middle 60% and highest 20% income groups increased by 1.6 per cent, 2.1 per cent and 3.1 per cent respectively.

¹ The COVID-19 situation had disrupted the collection of price data for some goods and services in 2021, such as airfares due to the suspension of air travel. The prices of such goods and services were thus imputed, based on recommendations from the International Labour Organisation, International Monetary Fund and Eurostat, as well as the best practices of other National Statistical Offices. Actual prices were used when the sale of these goods and services resumed. For more information, please refer to the Technical Note.

July – December 2021

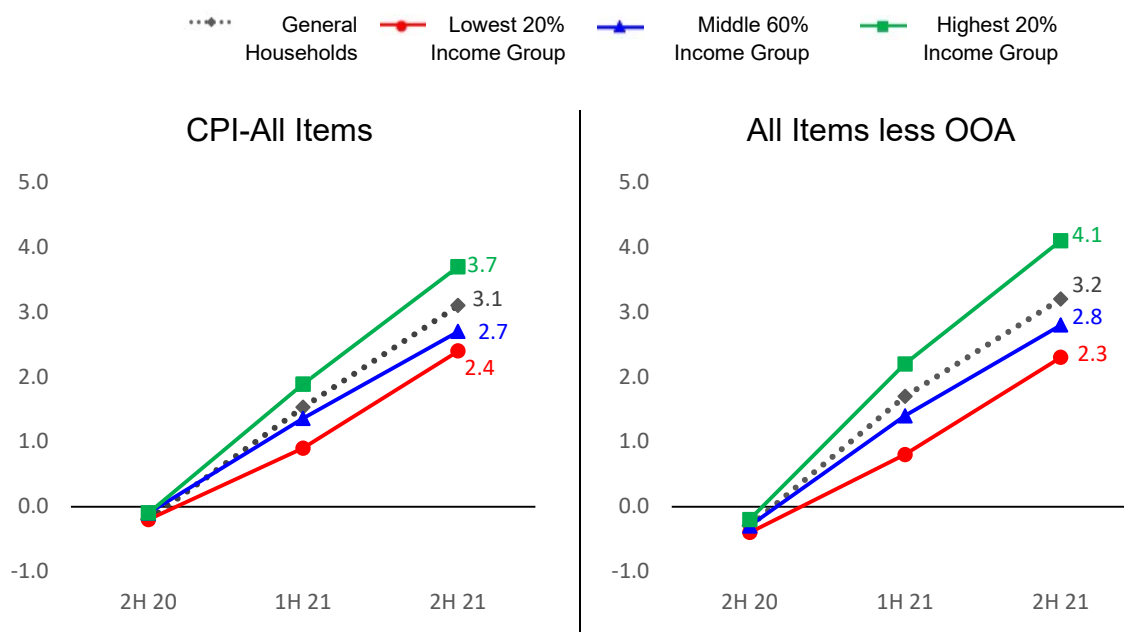
Main Contributors to the Change in CPI-All Items for All Household Income Groups, 2H 2021 over 2H 2020

- In 2H 2021, the main positive contributors to the CPI-All Items inflation rates for the three household income groups were cars, accommodation, petrol, food and electricity. The price increases for these items were partially offset by the lower costs of clothing & footwear and telecommunication services.

Comparison of CPI (Excluding OOA) Across Household Income Groups

- The lowest 20% income group saw the smallest increase in its CPI excluding OOA as compared to the middle 60% and highest 20% income groups.
 - This was because the increase in car and petrol prices had less of an impact on its CPI as compared to that of the other income groups given that cars and petrol accounted for a smaller share of its expenditure basket.

Change in Key Indicators² (Year-on-Year)



² A longer time series can be found on our website www.singstat.gov.sg/tablebuilder. For more information on the coverage of these indicators, please refer to the Technical Note.

Full Year 2021

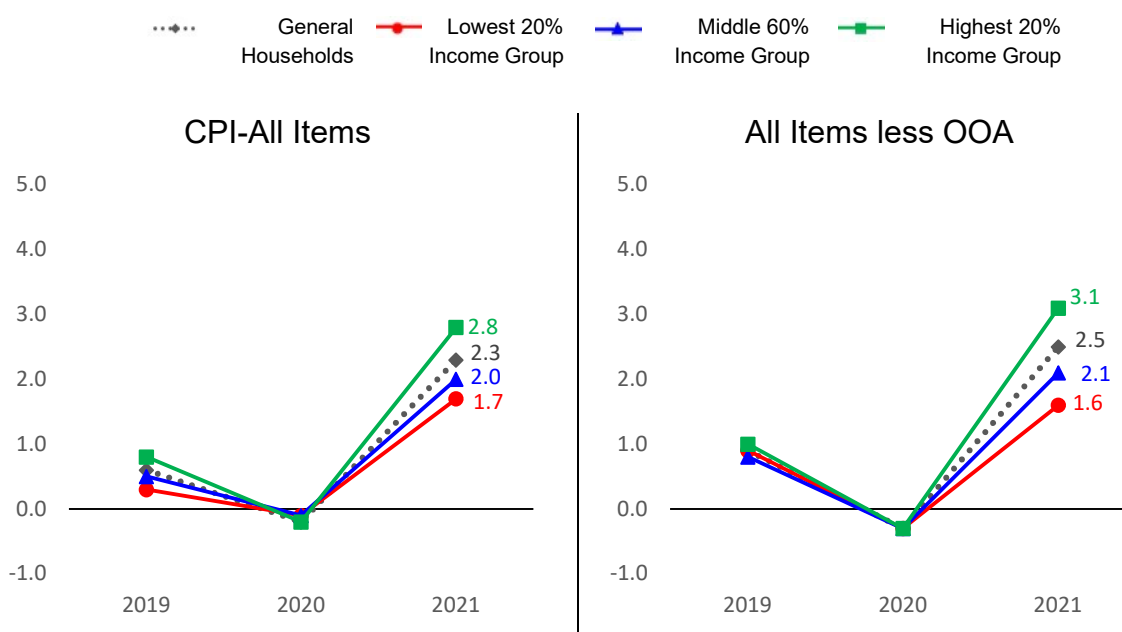
Main Contributors to the Change in CPI-All Items for All Household Income Groups, 2021 over 2020

- In 2021, the CPI-All Items inflation rates for the three household income groups were mainly driven by the higher costs of cars, accommodation, petrol and food. On the other hand, the top negative contributor was clothing & footwear.

Comparison of CPI (Excluding OOA) Across Household Income Groups

- The lowest 20% income group saw the smallest increase in its CPI excluding OOA as compared to the middle 60% and highest 20% income groups.
 - This was because the increase in car and petrol prices had less of an impact on its CPI as compared to that of the other income groups given that cars and petrol constituted a smaller share of its expenditure basket.

Change in Key Indicators (Year-on-Year)



Singapore Department of Statistics

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CONSUMER PRICE INDEX BY HOUSEHOLD INCOME GROUP (2019 as base year)												
Household Income Group	All Item	Expenditure Division										All Items less Imputed Rentals on Owner-Occupied Accommodation
		Food	Clothing & Footwear	Housing & Utilities	Household Durables & Services	Health Care	Transport	Communication	Recreation & Culture	Education	Miscellaneous Goods & Services	
Weight Per 10,000												
General Households	10,000	2,110	212	2,484	493	655	1,707	411	789	663	476	8,250
Lowest 20%	10,000	2,325	138	3,424	452	939	933	472	525	406	386	7,529
Middle 60%	10,000	2,324	224	2,466	452	687	1,520	487	749	598	493	8,274
Highest 20%	10,000	1,770	210	2,299	560	544	2,141	292	903	807	474	8,380
Percent Change Over Corresponding Period of Previous Year												
<u>2021 Jul – Dec</u>												
General Households	3.1	1.6	-5.4	2.6	1.7	1.6	10.9	-1.7	1.7	1.5	-0.3	3.2
Lowest 20%	2.4	1.8	-5.5	3.2	1.6	1.4	8.0	-1.1	1.3	1.5	-1.2	2.3
Middle 60%	2.7	1.7	-5.9	2.8	1.5	1.6	9.8	-1.7	1.7	1.4	-0.2	2.8
Highest 20%	3.7	1.6	-5.1	2.1	1.8	1.8	12.2	-1.9	1.9	1.5	-0.2	4.1
<u>2021 Jan – Jun</u>												
General Households	1.5	1.2	-5.6	0.2	1.3	0.6	6.8	0.5	0.4	1.0	-0.8	1.7
Lowest 20%	0.9	1.3	-5.1	0.4	1.1	0.4	4.9	0.7	-0.1	0.7	-0.8	0.8
Middle 60%	1.4	1.2	-5.8	0.3	1.2	0.5	6.4	0.5	0.3	0.9	-0.7	1.4
Highest 20%	1.9	1.2	-5.5	-0.1	1.3	0.8	7.5	0.4	0.5	1.1	-0.9	2.2
<u>2021</u>												
General Households	2.3	1.4	-5.5	1.4	1.5	1.1	8.8	-0.6	1.0	1.3	-0.5	2.5
Lowest 20%	1.7	1.6	-5.3	1.8	1.3	0.9	6.5	-0.2	0.6	1.1	-1.0	1.6
Middle 60%	2.0	1.5	-5.8	1.5	1.4	1.1	8.1	-0.6	1.0	1.2	-0.5	2.1
Highest 20%	2.8	1.4	-5.3	1.0	1.6	1.3	9.9	-0.7	1.2	1.3	-0.5	3.1
<u>2020</u>												
General Households	-0.2	1.9	-3.8	-0.3	0.3	-1.5	-0.7	0.7	-1.8	-0.6	-1.2	-0.3
Lowest 20%	-0.1	2.0	-3.5	-0.6	0.3	-2.2	0.0	0.9	-1.3	-1.0	-0.4	-0.3
Middle 60%	-0.1	1.8	-4.0	-0.3	0.3	-2.0	-0.4	0.7	-1.6	-1.1	-1.1	-0.3
Highest 20%	-0.2	1.8	-3.7	-0.1	0.2	-0.6	-1.2	0.6	-2.2	1.6	-1.2	-0.3

Please refer to the SingStat Table Builder at www.singstat.gov.sg/tablebuilder for longer time series and further breakdown of the CPI data by household income group at expenditure group and class level

TECHNICAL NOTE

Consumer Price Index for All Items

This contains all the expenditure divisions, groups and classes.

Consumer Price Index for “All Items Less Imputed Rentals on Owner-Occupied Accommodation” (All Items less OOA)

The Owner-Occupied Accommodation (OOA) cost in CPI comprises rentals that are imputed for owner-occupied homes. Imputed rentals on OOA have no impact on the cash expenditure of owner-occupied households.

Household Income Group

Household income group categorises resident households by their monthly household income from all sources (including imputed rentals on owner-occupied accommodation).

Compilation of the Consumer Price Index in the Context of the COVID-19 Pandemic

The COVID-19 pandemic has reduced and/or suspended the provision of selected goods and services, and disrupted the collection of prices and the compilation of the CPI. DOS has engaged several National Statistical Offices (NSOs) as well as international organisations such as International Labour Organisation (ILO), International Monetary Fund (IMF) and Eurostat to understand how best to respond to the current situation, including conceptual treatments for selected suspended services. Based on international recommendations and NSOs' best practices, we have adopted those suitable to our local context. In particular, where prices are not available and/or if services are suspended, price imputation will be done by following the price direction of similar goods and services or higher level index, where appropriate; or carrying forward of last observable prices (i.e. imputing no price change). For example, prices of items with little or no expenditure will be imputed by following the price direction of other sub-indices in the CPI-All Items, i.e. they will not contribute towards the monthly movement of the CPI-All Items.