

## About the International Comparison Program

The International Comparison Program (ICP) is the largest worldwide data-collection initiative, implemented under the guidance of the United Nations Statistical Commission (UNSC) with the goal of producing comparable price and volume measures of national accounts aggregates across economies of the world. Along with the purchasing power parities (PPPs), the ICP produces price level indexes (PLI) and other comparable aggregates of gross domestic product (GDP) expenditure and its components.

More specifically, the PPPs are used to compute real measures of GDP and its components: individual consumption expenditure by households (ICEH), actual individual consumption by households (AICH), government final consumption expenditure (GFCE), gross fixed capital formation (GFCF), and lower levels of national accounts aggregates. These measures allow more meaningful inter-economy comparisons, as they correct for distortions due to differences in the price levels between economies.

### ICP in Asia and the Pacific

The Asian Development Bank (ADB) through the Economic Research and Regional Cooperation Department has been the regional implementing agency (RIA) of the ICP for Asia and the Pacific since the 2005 ICP round. ADB in its capacity as the RIA was responsible for coordinating with the 22 economies that participated in the 2017 ICP. These 22 economies are: Bangladesh; Bhutan; Brunei Darussalam; Cambodia; Fiji; Hong Kong, China; India; Indonesia; the Lao People's Democratic Republic; Malaysia; Maldives; Mongolia; Myanmar; Nepal; Pakistan; the People's Republic of China; the Philippines; Singapore; Sri Lanka; Taipei, China; Thailand; and Viet Nam.

## Concepts and Measures

Purchasing Power Parity	The amount of currency units required to purchase a common basket of goods and services in an economy that can be purchased with one unit of the reference currency in the reference economy.
Price Level Index	The ratio of PPP to exchange rate with respect to a common reference currency. PLI expresses the general price level in an economy as percentage of reference economy's price level and shows how the price levels of economies compare with each other. The PLI of the reference economy is 100. A PLI greater than 100 means that when the national average prices are converted at exchange rates, the resulting prices tend to be higher on average than prices in the reference economy.
Real Expenditure	Expenditure in the currency units of an economy converted to a common currency by dividing the expenditure by its corresponding PPP, and hence, valued at a uniform price level across economies.
Nominal Expenditure	Expenditures in the currency units of an economy converted to a common currency using the exchange rate of a reference economy without adjusting for the differences in prices of goods and services across economies.
Per Capita Expenditure	Total expenditure divided by the total population of a given economy. Per capita expenditure measures the standard of living in an economy. This can be expressed either in real or nominal terms.
Per Capita Relative Expenditure	Per capita expenditure that has been converted to the relative units of the reference economy by (i) dividing the per capita expenditure of a given economy by the per capita expenditure of the reference economy and then (ii) multiplying by 100.
Transitivity	An important property of PPP whereby the direct PPP between any two economies yields the same result as an indirect comparison via any other economy.
Base Economy Invariance	The property under which the relativities between the PPPs, PLIs, and volume indexes of economies are not affected by the choice of reference economy or currency.
Economy Share to Asia and the Pacific	An economy's real or nominal expenditures for an aggregate, expressed as a percentage of the total real or nominal expenditure of all participating economies in Asia and the Pacific.
Shares of Nominal Expenditure	An aggregate's nominal expenditure as a percentage of the total nominal expenditure within the economy.

## Data and Sources

This file has two sheets: one for the 2017 ICP results and second for 2011 ICP (revised) results. Each sheet contains indicators on PPPs, PLIs, GDP, and aggregates such as AICH, ICEH, nonprofit institutions serving households (NPISH), collective consumption expenditure by government, GFCE, GFCF, change in inventories and net acquisitions of valuables, balance of exports and imports, and subcomponents of these aggregates. The 2017 ICP and 2011 revised ICP results are compiled with Hong Kong, China as the reference economy and the Hong Kong dollar as the reference currency. Each real aggregate value is derived by using a purchasing power parity that is specific to that aggregate, so real aggregates may not sum up to the total of their real components for an economy.

The 2011 revised results are revisions of the 2011 original ICP results based on revisions in the 2011 GDP estimates; revisions in the population estimates; refinements in methods, such as for estimating the adjustment factors to account for the differences in productivity of government; changes in reference PPPs for some basic headings; and minor changes in ICP classification between 2017 and 2011. The annual average prices are the same as used for 2011 original results and remain unchanged. The methods used for estimating the results for 2011 revised are same as the methods used for 2017 ICP results.

The 2017 and 2011 revised results presented in these tables are produced by the ICP Asia Pacific regional implementing agency, based on data supplied by all the participating economies, and in accordance with the methodology recommended by the ICP Technical Advisory Group and approved by the Asia and the Pacific Regional Advisory Board. As such, these results are not produced by participating economies as part of the economies' official statistics.

## 2017 International Comparison Program for Asia and the Pacific

### Cambodia, 2017

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00)	Real Expenditure		Per Capita Real Expenditure		Nominal Expenditure		Per Capita Nominal Expenditure		Nominal Expenditure Shares, (%)	PLIs	
		(HK\$ billion)	Economy Share to Asia and the Pacific, (%)	HK\$	Index (Asia and the Pacific = 100)	(HK\$ billion)	Economy Share to Asia and the Pacific, (%)	HK\$	Index (Asia and the Pacific = 100)		(HKG = 100)	(Asia and the Pacific = 100)
Gross Domestic Product	237.61	378	0.16	23,853	39	173	0.12	10,904	28	100.00	46	71
Actual Individual Consumption by Households <sup>a</sup>	227.84	335	0.25	21,161	60	147	0.19	9,276	45	85.07	44	75
Food and non-alcoholic beverages	274.33	123	0.45	7,758	107	65	0.41	4,095	99	37.55	53	92
Food	270.90	119	0.45	7,527	107	62	0.41	3,923	99	35.98	52	92
Bread and cereals	276.89	37	0.67	2,357	161	20	0.58	1,256	139	11.52	53	86
Meat and fish	288.16	35	0.50	2,186	119	19	0.46	1,212	110	11.11	55	93
Fruits and vegetables	268.30	18	0.25	1,141	60	9	0.26	589	63	5.40	52	105
Other food and non-alcoholic beverages	270.59	32	0.39	1,994	93	16	0.36	1,038	86	9.52	52	92
Clothing and footwear	287.62	5	0.10	313	24	3	0.07	173	18	1.59	55	74
Clothing	291.31	3	0.06	158	15	1	0.05	89	11	0.81	56	78
Housing, water, electricity, gas and other fuels	219.78	54	0.24	3,398	57	23	0.21	1,437	51	13.18	42	89
Health and education	94.01	111	0.27	6,973	64	20	0.12	1,261	28	11.57	18	44
Health	116.49	45	0.19	2,866	45	10	0.11	642	27	5.89	22	60
Education	77.49	66	0.36	4,151	85	10	0.12	619	29	5.68	15	34
Transportation and communication	306.87	19	0.11	1,193	26	11	0.11	704	27	6.46	59	102
Transportation	315.26	18	0.13	1,124	31	11	0.14	682	33	6.25	61	108
Recreation and culture	354.03	6	0.15	368	35	4	0.12	251	28	2.30	68	78
Restaurants and hotels	242.71	15	0.28	939	66	7	0.20	439	48	4.02	47	72
Other consumption expenditure items	227.68	28	0.14	1,787	33	12	0.08	783	20	7.18	44	60
Individual Consumption Expenditure by Government	140.26	30	0.16	1,899	38	8	0.07	513	17	4.70	27	45
Collective Consumption Expenditure by Government	233.89	14	0.09	898	22	6	0.07	404	16	3.71	45	70
Gross Fixed Capital Formation	273.33	36	0.05	2,240	11	19	0.03	1,178	8	10.80	53	72
Machinery and equipment	520.78	8	0.08	535	18	8	0.07	536	17	4.91	100	95
Construction	164.05	32	0.05	1,991	11	10	0.03	628	7	5.76	32	58
Change in Inventories and Net Acquisitions of Valuables	286.26	2	0.04	106	9	1	0.03	58	7	0.53	55	84
Balance of Exports and Imports	519.75	-0	-0.01	-12	-2	-0	-0.01	-12	-2	-0.11	100	100
Individual Consumption Expenditure by Households and NPISH	238.51	303	0.26	19,097	62	139	0.21	8,763	49	80.37	46	80
Government Final Consumption Expenditure	183.79	41	0.12	2,592	29	15	0.07	917	16	8.41	35	57
Actual Individual Consumption by Households <sup>a</sup>	227.84	335	0.25	21,161	60	147	0.19	9,276	45	85.07	44	75
All goods	311.41	163	0.30	10,314	71	98	0.26	6,180	62	56.67	60	87
Non-durables	276.08	162	0.36	10,222	86	86	0.32	5,430	77	49.79	53	90
Semi-durables	312.78	7	0.11	445	26	4	0.08	268	18	2.46	60	70
Durables	478.31	8	0.13	524	32	8	0.14	482	33	4.42	92	103
Services	174.70	100	0.17	6,289	40	34	0.11	2,114	27	19.39	34	67

#### Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	519.75
Total Population (in million)	15.85

HK\$ = Hong Kong dollar; HKG = Hong Kong, China; NPISH=nonprofit institutions serving households; PLI = price level index.

<sup>a</sup> Includes individual consumption expenditure by households, nonprofit institutions serving households, and government.

Sources: Asian Development Bank estimates. For exchange rate: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 17 September 2019). Data for population refers to mid-year estimates supplied by the participating economy for the International Comparison Program.

## 2017 International Comparison Program for Asia and the Pacific

### Cambodia, 2011 (Revised)

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00)	Real Expenditure		Per Capita Real Expenditure		Nominal Expenditure		Per Capita Nominal Expenditure		Nominal Expenditure Shares, (%)	PLIs	
		(HK\$ billion)	Economy Share to Asia and the Pacific, (%)	HK\$	Index (Asia and the Pacific = 100)	(HK\$ billion)	Economy Share to Asia and the Pacific, (%)	HK\$	Index (Asia and the Pacific = 100)		(HKG = 100)	(Asia and the Pacific = 100)
Gross Domestic Product	262.06	199	0.14	13,888	34	100	0.10	6,980	25	100.00	50	72
Actual Individual Consumption by Households <sup>a</sup>	248.72	176	0.22	12,331	55	84	0.17	5,882	41	84.27	48	75
Food and non-alcoholic beverages	311.28	63	0.35	4,394	87	38	0.32	2,623	79	37.58	60	91
Food	308.74	61	0.35	4,244	87	36	0.32	2,513	79	36.01	59	91
Bread and cereals	315.08	19	0.49	1,331	121	12	0.41	805	102	11.53	60	84
Meat and fish	322.51	18	0.44	1,255	109	11	0.39	776	96	11.12	62	88
Fruits and vegetables	275.95	10	0.22	713	55	5	0.21	377	52	5.41	53	95
Other food and non-alcoholic beverages	333.45	15	0.28	1,040	70	10	0.27	665	68	9.53	64	97
Clothing and footwear	280.48	3	0.09	206	22	2	0.06	111	14	1.59	54	61
Clothing	287.04	1	0.06	103	14	1	0.03	57	9	0.81	55	62
Housing, water, electricity, gas and other fuels	228.96	28	0.19	1,983	47	12	0.18	871	44	12.47	44	93
Health and education	101.21	60	0.28	4,187	70	12	0.12	813	30	11.64	19	43
Health	112.90	27	0.22	1,914	56	6	0.11	414	28	5.94	22	50
Education	90.93	33	0.34	2,285	84	6	0.13	398	32	5.71	17	38
Transportation and communication	347.21	10	0.11	678	29	6	0.11	451	26	6.47	67	92
Transportation	313.41	10	0.15	727	38	6	0.14	437	35	6.26	60	92
Recreation and culture	379.68	3	0.12	221	29	2	0.10	161	24	2.31	73	83
Restaurants and hotels	252.52	8	0.22	580	55	4	0.16	281	39	4.03	48	71
Other consumption expenditure items	239.95	15	0.13	1,056	33	7	0.08	486	21	6.96	46	63
Individual Consumption Expenditure by Government	118.13	21	0.17	1,449	43	5	0.07	328	17	4.70	23	40
Collective Consumption Expenditure by Government	201.94	10	0.09	668	23	4	0.06	259	14	3.71	39	60
Gross Fixed Capital Formation	299.20	20	0.04	1,410	10	12	0.03	809	7	11.59	57	74
Machinery and equipment	496.43	5	0.05	361	11	5	0.04	343	11	4.92	95	95
Construction	182.04	16	0.04	1,153	10	6	0.02	403	6	5.77	35	61
Change in Inventories and Net Acquisitions of Valuables	324.93	1	0.02	60	6	1	0.02	37	5	0.53	62	84
Balance of Exports and Imports	521.39	-0	-0.01	-08	-1	-0	-0.01	-8	-1	-0.11	100	100
Individual Consumption Expenditure by Households and NPISH	264.43	157	0.23	10,951	57	79	0.18	5,554	45	79.57	51	80
Government Final Consumption Expenditure	158.14	28	0.13	1,936	32	8	0.06	587	16	8.41	30	49
Actual Individual Consumption by Households <sup>a</sup>	248.72	176	0.22	12,331	55	84	0.17	5,882	41	84.27	48	75
All goods	336.80	87	0.24	6,108	61	56	0.21	3,946	52	56.53	65	85
Non-durables	311.01	83	0.29	5,809	72	50	0.26	3,465	65	49.64	60	90
Semi-durables	314.28	4	0.09	285	24	2	0.06	172	15	2.46	60	62
Durables	440.93	5	0.14	365	34	4	0.12	309	29	4.43	85	85
Services	199.62	49	0.16	3,415	40	19	0.11	1,307	28	18.73	38	70

#### Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	521.39
Total Population (in million)	14.31

HK\$ = Hong Kong dollar; HKG = Hong Kong, China; NPISH=nonprofit institutions serving households; PLI = price level index.

<sup>a</sup> Includes individual consumption expenditure by households, nonprofit institutions serving households, and government.

Sources: Asian Development Bank estimates. For exchange rate: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 17 September 2019). Data for population refers to mid-year estimates supplied by the participating economy for the International Comparison Program.