

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

Fiji, 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	0.16	71	0.03	80,772	132	42	0.03	47,572	121	100.00	59	92
Actual Individual Consumption by Households ^a	0.15	53	0.04	60,057	169	30	0.04	34,687	166	72.91	58	98
Food and non-alcoholic beverages	0.17	14	0.05	16,471	227	9	0.06	10,485	253	22.04	64	111
Food	0.17	14	0.05	15,796	224	9	0.06	9,842	247	20.69	62	110
Bread and cereals	0.18	3	0.05	3,012	205	2	0.05	2,034	225	4.28	68	110
Meat and fish	0.17	3	0.04	3,229	176	2	0.04	2,077	189	4.37	64	107
Fruits and vegetables	0.15	4	0.06	5,122	268	3	0.07	2,947	314	6.19	58	117
Other food and non-alcoholic beverages	0.18	4	0.06	5,093	239	3	0.07	3,428	284	7.21	67	119
Clothing and footwear	0.20	2	0.04	2,021	153	1	0.04	1,521	155	3.20	75	101
Clothing	0.19	2	0.04	1,802	166	1	0.04	1,262	162	2.65	70	98
Housing, water, electricity, gas and other fuels	0.09	6	0.03	7,159	119	2	0.02	2,420	85	5.09	34	71
Health and education	0.11	11	0.03	12,291	112	4	0.03	4,913	109	10.33	40	98
Health	0.09	3	0.01	3,822	60	1	0.01	1,357	57	2.85	36	95
Education	0.11	8	0.04	8,565	176	3	0.04	3,556	169	7.47	42	96
Transportation and communication	0.15	7	0.04	8,291	181	4	0.04	4,690	177	9.86	57	98
Transportation	0.16	5	0.03	5,410	148	3	0.04	3,260	160	6.85	60	107
Recreation and culture	0.20	1	0.02	762	73	1	0.01	585	64	1.23	77	88
Restaurants and hotels	0.19	1	0.01	579	41	0	0.01	413	45	0.87	71	110
Other consumption expenditure items	0.20	11	0.05	12,524	231	8	0.06	9,659	244	20.30	77	105
Individual Consumption Expenditure by Government	0.11	5	0.03	6,002	119	2	0.02	2,581	86	5.43	43	72
Collective Consumption Expenditure by Government	0.14	9	0.06	10,782	269	5	0.05	5,595	217	11.76	52	80
Gross Fixed Capital Formation	0.16	12	0.02	13,726	69	7	0.01	8,460	58	17.78	62	84
Machinery and equipment	0.26	5	0.04	5,300	178	5	0.04	5,285	169	11.11	100	95
Construction	0.12	5	0.01	5,913	33	2	0.01	2,590	27	5.44	44	81
Change in Inventories and Net Acquisitions of Valuables	0.18	1	0.02	778	65	0	0.02	538	69	1.13	69	106
Balance of Exports and Imports	0.27	-1	-0.06	-1,707	-276	-1	-0.06	-1,707	-276	-3.59	100	100
Individual Consumption Expenditure by Households and NPISH	0.16	47	0.04	53,908	174	28	0.04	32,106	180	67.49	60	103
Government Final Consumption Expenditure	0.13	15	0.04	17,113	192	7	0.03	8,176	147	17.19	48	76
Actual Individual Consumption by Households ^a	0.15	53	0.04	60,057	169	30	0.04	34,687	166	72.91	58	98
All goods	0.21	25	0.05	29,034	199	20	0.05	22,833	229	48.00	79	115
Non-durables	0.19	22	0.05	24,927	210	16	0.06	17,719	252	37.25	71	120
Semi-durables	0.21	2	0.03	2,098	122	1	0.03	1,685	114	3.54	80	94
Durables	0.28	3	0.05	3,305	200	3	0.05	3,428	233	7.21	104	116
Services	0.11	17	0.03	18,955	121	7	0.02	8,039	102	16.90	42	85

Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	0.27
Total Population (in million)	0.88

0 = magnitude is less than half of unit employed; HK\$ = Hong Kong dollar; HKG = Hong Kong, China; NPISH=nonprofit institutions serving households; PLI = price level index.

^a 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

Fiji, 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	0.18	40	0.03	47,339	117	32	0.03	37,256	132	100.00	79	113
Actual Individual Consumption by Households ^a	0.18	31	0.04	35,883	161	24	0.05	27,709	195	74.37	77	121
Food and non-alcoholic beverages	0.19	10	0.06	11,562	230	8	0.07	9,568	289	25.68	83	126
Food	0.19	9	0.05	10,997	225	8	0.07	8,966	282	24.06	82	125
Bread and cereals	0.20	2	0.05	2,134	194	2	0.06	1,869	236	5.02	88	122
Meat and fish	0.21	2	0.05	2,390	207	2	0.06	2,131	264	5.72	89	127
Fruits and vegetables	0.16	3	0.07	3,852	294	2	0.09	2,610	360	7.01	68	122
Other food and non-alcoholic beverages	0.21	3	0.05	3,225	217	3	0.07	2,958	302	7.94	92	139
Clothing and footwear	0.23	1	0.03	1,271	138	1	0.04	1,249	155	3.35	98	112
Clothing	0.22	1	0.03	1,061	142	1	0.04	1,027	154	2.76	97	108
Housing, water, electricity, gas and other fuels	0.10	5	0.03	6,111	144	2	0.03	2,577	129	6.92	42	90
Health and education	0.13	6	0.03	6,816	114	3	0.03	3,946	145	10.59	58	128
Health	0.14	2	0.01	1,925	56	1	0.02	1,158	79	3.11	60	140
Education	0.13	4	0.04	5,115	187	2	0.05	2,788	224	7.48	55	120
Transportation and communication	0.25	3	0.03	3,185	135	3	0.05	3,440	202	9.23	108	150
Transportation	0.20	2	0.03	2,662	139	2	0.04	2,326	184	6.24	87	133
Recreation and culture	0.27	0	0.02	512	67	1	0.02	598	89	1.60	117	133
Restaurants and hotels	0.23	0	0.01	359	34	0	0.01	354	49	0.95	98	145
Other consumption expenditure items	0.20	6	0.05	6,796	212	5	0.06	5,979	256	16.05	88	120
Individual Consumption Expenditure by Government	0.15	3	0.02	3,352	99	2	0.03	2,202	116	5.91	66	117
Collective Consumption Expenditure by Government	0.16	4	0.04	5,252	185	3	0.05	3,755	204	10.08	72	110
Gross Fixed Capital Formation	0.18	8	0.02	8,823	63	6	0.02	6,821	63	18.31	77	100
Machinery and equipment	0.23	4	0.03	4,324	137	4	0.03	4,261	135	11.44	99	99
Construction	0.14	3	0.01	3,377	30	2	0.01	2,088	32	5.61	62	107
Change in Inventories and Net Acquisitions of Valuables	0.19	1	0.03	1,190	113	1	0.03	1,005	129	2.70	84	113
Balance of Exports and Imports	0.23	-2	-0.09	-2,034	-358	-2	-0.09	-2,034	-358	-5.46	100	100
Individual Consumption Expenditure by Households and NPISH	0.18	28	0.04	32,651	169	22	0.05	25,507	207	68.46	78	123
Government Final Consumption Expenditure	0.16	7	0.03	8,651	142	5	0.04	5,957	159	15.99	69	112
Actual Individual Consumption by Households ^a	0.18	31	0.04	35,883	161	24	0.05	27,709	195	74.37	77	121
All goods	0.21	16	0.04	18,597	186	15	0.05	17,277	227	46.37	93	122
Non-durables	0.19	14	0.05	16,868	208	12	0.06	14,028	262	37.65	83	126
Semi-durables	0.24	1	0.03	1,317	109	1	0.03	1,370	117	3.68	104	107
Durables	0.30	1	0.03	1,437	134	2	0.04	1,879	176	5.04	131	131
Services	0.15	9	0.03	10,958	127	6	0.04	7,192	153	19.30	66	120

Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	0.23
Total Population (in million)	0.85

0 = magnitude is less than half of unit employed; HK\$ = Hong Kong dollar; HKG = Hong Kong, China; NPISH=nonprofit institutions serving households; PLI = price level index.

^a Includes individual consumption expenditure by households, nonprofit institutions serving households, and government.

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