

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

Myanmar, 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	61.00	1,409	0.61	26,519	43	493	0.33	9,268	24	100.00	35	55
Actual Individual Consumption by Households ^a	59.20	865	0.64	16,267	46	293	0.37	5,517	26	59.53	34	58
Food and non-alcoholic beverages	77.44	352	1.28	6,614	91	156	0.99	2,934	71	31.66	44	78
Food	76.57	346	1.30	6,509	92	152	1.01	2,855	72	30.81	44	78
Bread and cereals	89.63	65	1.18	1,232	84	34	0.98	633	70	6.83	51	83
Meat and fish	73.77	117	1.69	2,204	120	50	1.19	932	85	10.05	42	71
Fruits and vegetables	70.00	93	1.29	1,750	92	37	1.05	702	75	7.57	40	82
Other food and non-alcoholic beverages	78.05	79	0.98	1,494	70	35	0.78	668	55	7.21	45	79
Clothing and footwear	77.71	25	0.51	479	36	11	0.30	213	22	2.30	45	60
Clothing	75.07	23	0.55	425	39	10	0.33	183	24	1.97	43	60
Housing, water, electricity, gas and other fuels	34.45	205	0.91	3,865	64	41	0.38	763	27	8.23	20	42
Health and education	25.97	208	0.50	3,916	36	31	0.18	583	13	6.29	15	36
Health	28.03	104	0.43	1,947	31	17	0.18	313	13	3.37	16	43
Education	24.07	104	0.57	1,958	40	14	0.18	270	13	2.91	14	32
Transportation and communication	89.23	31	0.18	588	13	16	0.16	301	11	3.25	51	89
Transportation	83.40	23	0.17	438	12	11	0.14	209	10	2.26	48	85
Recreation and culture	93.98	7	0.17	127	12	4	0.11	68	8	0.74	54	61
Restaurants and hotels	72.50	34	0.64	646	45	14	0.41	268	29	2.90	42	64
Other consumption expenditure items	64.70	55	0.27	1,041	19	21	0.14	386	10	4.16	37	51
Individual Consumption Expenditure by Government	32.26	69	0.36	1,293	26	13	0.11	239	8	2.58	18	31
Collective Consumption Expenditure by Government	49.33	278	1.83	5,225	131	78	0.80	1,477	57	15.93	28	44
Gross Fixed Capital Formation	71.07	373	0.50	7,026	35	152	0.28	2,861	20	30.87	41	56
Machinery and equipment	136.32	83	0.74	1,556	52	65	0.55	1,215	39	13.11	78	74
Construction	42.15	306	0.46	5,754	33	74	0.20	1,390	15	14.99	24	45
Change in Inventories and Net Acquisitions of Valuables	73.52	16	0.34	292	25	7	0.22	123	16	1.33	42	64
Balance of Exports and Imports	174.56	-38	-1.61	-709	-115	-38	-1.61	-709	-115	-7.65	100	100
Individual Consumption Expenditure by Households and NPISH	62.45	784	0.67	14,750	48	281	0.42	5,278	30	56.95	36	62
Government Final Consumption Expenditure	42.51	374	1.11	7,046	79	91	0.43	1,716	31	18.51	24	39
Actual Individual Consumption by Households ^a	59.20	865	0.64	16,267	46	293	0.37	5,517	26	59.53	34	58
All goods	80.58	474	0.86	8,926	61	219	0.58	4,120	41	44.46	46	67
Non-durables	70.90	496	1.10	9,330	79	201	0.76	3,789	54	40.89	41	69
Semi-durables	81.83	26	0.39	483	28	12	0.22	227	15	2.44	47	55
Durables	133.71	7	0.12	136	8	6	0.10	104	7	1.12	77	86
Services	47.05	228	0.38	4,294	27	62	0.21	1,157	15	12.49	27	54

Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	174.56
Total Population (in million)	53.15

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

Myanmar, 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	50.03	877	0.61	17,669	44	418	0.42	8,413	30	100.00	48	68
Actual Individual Consumption by Households ^a	46.70	577	0.73	11,616	52	256	0.51	5,162	36	61.36	44	70
Food and non-alcoholic beverages	61.71	250	1.40	5,044	100	147	1.25	2,962	90	35.21	59	89
Food	60.52	249	1.43	5,022	103	144	1.27	2,892	91	34.38	58	88
Bread and cereals	72.99	56	1.43	1,133	103	39	1.38	787	99	9.36	69	97
Meat and fish	56.20	83	2.02	1,673	145	44	1.55	895	111	10.64	53	76
Fruits and vegetables	47.99	75	1.61	1,515	116	34	1.33	692	95	8.22	46	82
Other food and non-alcoholic beverages	71.37	43	0.81	866	58	29	0.84	588	60	6.99	68	103
Clothing and footwear	55.57	17	0.52	343	37	9	0.31	181	22	2.15	53	60
Clothing	57.01	14	0.53	286	38	8	0.32	155	23	1.85	54	61
Housing, water, electricity, gas and other fuels	32.85	122	0.81	2,466	58	38	0.54	771	39	9.17	31	66
Health and education	14.41	135	0.63	2,716	45	19	0.19	373	14	4.43	14	30
Health	19.55	58	0.47	1,168	34	11	0.21	217	15	2.58	19	43
Education	10.60	76	0.79	1,540	56	8	0.17	155	12	1.85	10	22
Transportation and communication	79.22	17	0.20	339	14	13	0.21	256	15	3.04	75	105
Transportation	72.67	13	0.19	257	13	9	0.20	178	14	2.12	69	105
Recreation and culture	66.96	5	0.17	92	12	3	0.12	59	9	0.70	64	73
Restaurants and hotels	42.94	28	0.73	558	52	11	0.44	228	32	2.71	41	60
Other consumption expenditure items	55.28	31	0.27	632	20	17	0.20	333	14	3.96	53	72
Individual Consumption Expenditure by Government	21.67	19	0.16	382	11	4	0.06	79	4	0.94	21	37
Collective Consumption Expenditure by Government	36.12	134	1.32	2,705	95	46	0.70	930	50	11.05	34	53
Gross Fixed Capital Formation	59.38	231	0.46	4,647	33	130	0.34	2,626	24	31.22	57	73
Machinery and equipment	99.68	64	0.57	1,282	41	60	0.54	1,216	39	14.46	95	95
Construction	34.07	162	0.40	3,258	29	52	0.22	1,056	16	12.56	32	56
Change in Inventories and Net Acquisitions of Valuables	61.16	1	0.02	15	1	0	0.02	9	1	0.11	58	78
Balance of Exports and Imports	105.08	-16	-0.77	-315	-55	-16	-0.77	-315	-55	-3.74	100	100
Individual Consumption Expenditure by Households and NPISH	49.30	538	0.78	10,835	56	252	0.58	5,084	41	60.43	47	74
Government Final Consumption Expenditure	30.84	171	0.78	3,436	56	50	0.37	1,008	27	11.99	29	48
Actual Individual Consumption by Households ^a	46.70	577	0.73	11,616	52	256	0.51	5,162	36	61.36	44	70
All goods	65.42	319	0.89	6,421	64	199	0.73	3,998	53	47.52	62	82
Non-durables	58.99	329	1.14	6,621	82	185	0.97	3,717	69	44.18	56	85
Semi-durables	58.91	17	0.39	343	28	10	0.23	192	16	2.29	56	58
Durables	101.75	5	0.12	91	8	4	0.12	88	8	1.05	97	97
Services	32.77	173	0.56	3,482	40	54	0.32	1,086	23	12.91	31	57

Reference Data

Exchange rate (Local Currency Units/Hong Kong dollar)	105.08
Total Population (in million)	49.66

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.