

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 objective of producing comparable price and volume measures of national accounts aggregates across the economies of the world. Along with purchasing power parities (PPPs), the ICP produces price level indexes (PLIs) 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, its main aggregates, and selected expenditure aggregates at level below the main aggregates. The main aggregates include individual consumption expenditure by households (ICEH) and nonprofit institutions serving households (NPISH), individual consumption expenditure by government (ICEG), collective consumption expenditure by government (CCEG), government final consumption expenditure (GFCE), gross capital formation (GCF), gross fixed capital formation (GFCF), changes in inventories, acquisitions less disposals of valuables, and balance of exports and imports. These measures allow more meaningful inter-economy comparisons, as they correct for distortions due to differences in the price levels between economies.

The International Comparison Program in Asia and the Pacific

The Asian Development Bank (ADB), through its 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	Expenditure 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 (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 tables: one for the 2017 ICP results and second for 2011 ICP (revised) results. Each table contains indicators on PPPs, PLIs, and GDP and its components such as ICEH and NPISH, ICEG, CCEG, GFCE, GCF, GFCF, changes in inventories, acquisitions less disposals of valuables, balance of exports and imports, and lower levels of national accounts aggregates. In addition to these, actual individual consumption by households (AICH), which is the aggregate of ICEH, NPISH, and ICEG, is also presented. The five components of AICH are (i) housing, water, electricity, gas and other fuels; (ii) health; (iii) recreation and culture; (iv) education; and (v) miscellaneous goods and services. In contrast, expenditures for the other AICH components of food and nonfood household consumption are incurred by households only. Results are also presented for another broad aggregate called "domestic absorption," which represents the domestic expenditures as aggregate of AICH, CCEG, GFCF, changes in inventories, and acquisitions less disposals of valuables.

The 2017 ICP results are compiled with Hong Kong, China as the reference economy and the Hong Kong dollar as the reference currency. The PPPs for the expenditures aggregates at all levels were derived using the Gini-Éltető-Köves-Szulc (GEKS) method. The real expenditure for each aggregate is derived by dividing the nominal expenditures estimated in local currency units by a PPP that is specific to that aggregate, so real expenditure for such an aggregate may not equal the total of its components' real expenditures within an economy. Some PPPs presented are reference PPPs. For the detailed list of reference PPPs, see Appendix 5 of the 2017 ICP Main Report for Asia and the Pacific. When an economy is not able to provide prices for any of the items for any category corresponding to the available GDP expenditures, the PPP for this category is estimated using gap-filling techniques based on country-product-dummy (CPD) by the RIA.

The 2011 revised results are based on revisions in the 2011 estimates of GDP, population, refinements in the methodology for estimating productivity adjustment factors, changes in some reference PPPs, and changes in ICP classification.

The results presented in these tables are produced by the ICP RIA for Asia and the Pacific, 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.

Expenditure Categories	
Gross domestic product (GDP)	Actual individual consumption by households (AICH) at purchasers' prices <i>plus</i> collective consumption expenditure by government (CCEG) at purchasers' prices <i>plus</i> gross capital formation (GCF) at purchasers' prices <i>plus</i> the free on board (FOB) value of exports of goods and services <i>less</i> the FOB value of imports of goods and services.
Actual individual consumption by households (AICH)	The total value of the individual consumption expenditures by households (ICEH), nonprofit institutions serving households (NPISH), and individual consumption expenditure by government (ICEG) at purchasers' prices.
Food and non-alcoholic beverages	Household expenditure on food products and non-alcoholic beverages purchased for consumption at home. It excludes expenditures on food products and non-alcoholic beverages sold for immediate consumption away from home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, and other vendors; cooked dishes prepared by restaurants for consumption off their premises; cooked dishes prepared by catering contractors, whether collected by the customer or delivered to the customer's home; and products sold specifically as pet foods.
Food	Household expenditure on food products purchased for consumption at home. It excludes food products sold for immediate consumption away from the home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, etc.; cooked dishes prepared by restaurants for consumption off their premises; cooked dishes prepared by catering contractors, whether collected by the customer or delivered to the customer's home; and products sold specifically as pet food.
Bread and cereals	Household expenditure on rice; other cereals, flour, and other cereal products; bread; other bakery products; and pasta products and couscous, purchased for consumption at home.
Meat	Household expenditure on fresh, chilled, frozen, preserved or processed animals and poultry meat purchased for consumption as food at home. It also includes animals and poultry purchased live for consumption as food.
Fish and seafood	Household expenditure on fresh, chilled, frozen, preserved or processed fish and seafood purchased for consumption as food at home. It also includes fish and seafood (such as crustaceans, molluscs and other shellfish, sea snails, land crabs, land snails and frogs) purchased live for consumption as food.
Milk, cheese and eggs	Household expenditure on fresh or preserved milk, other milk products such as soya milk, cheese and curd; and egg including egg-based products purchased for consumption as food at home.
Oils and fats	Household expenditure on butter, margarine and other vegetable fats such as peanut butter; and other edible oils and fats purchased for consumption as food at home.
Fruit	Household expenditure on fresh, chilled, frozen, preserved or processed fruit and fruit-based products purchased for consumption as food at home.
Vegetables	Household expenditure on fresh, chilled, frozen, preserved or processed vegetable and vegetable-based products purchased for consumption as food at home.
Sugar, jam, honey, chocolate and confectionery	Household expenditure on sugar and artificial sugar substitutes; jams, marmalades and honey; and chocolate, confectionery and ice cream purchased for consumption at home.
Food products n.e.c.	Household expenditure on sauces and condiments; salt, spices and culinary herbs; baby food; ready-made meals when the price only covers the cost of the product; and other food products not elsewhere classified purchased for consumption at home.
Non-alcoholic beverages	Household expenditure on non-alcoholic beverages purchased for consumption at home. It excludes non-alcoholic beverages sold for immediate consumption away from home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, and other vendors.
Alcoholic beverages, tobacco and narcotics	Household expenditure on alcoholic beverages purchased for consumption at home. It includes low or non-alcoholic beverages that are generally alcoholic such as non-alcoholic beer, and excludes alcoholic beverages sold for immediate consumption away from the home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, and other vendors; and household expenditure on tobacco (which covers all purchases of tobacco, including purchases of tobacco in cafés, bars, restaurants, and service stations).
Alcoholic beverages	Household expenditure on alcoholic beverages purchased for consumption at home. It includes low or non-alcoholic beverages which are generally alcoholic such as non-alcoholic beer, and excludes alcoholic beverages sold for immediate consumption away from the home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, and other vendors.
Tobacco and narcotics	Household expenditure on tobacco, including purchases of tobacco in cafés, bars, restaurants, service stations; and narcotics.
Clothing and footwear	Household expenditure on clothing materials; other articles of clothing and clothing accessories; garments for men, women, children, and infants; cleaning, repair, and hire of clothing; all footwear for men, women, children, and infants; and repair and hire of footwear.
Housing, water, electricity, gas and other fuels	Household expenditure on actual and imputed rentals for housing; maintenance and repair of the dwelling; water supply and miscellaneous services related to the dwelling; and electricity, gas, and other fuels <i>plus</i> expenditure by NPISH on housing <i>plus</i> ICEG on housing services provided to individuals.
Furnishings, household equipment and routine household maintenance	Household expenditure on furniture and furnishings; carpets and other floor coverings; repair of furniture, furnishings and floor coverings; household textiles; household appliances; glassware, tableware, and household utensils; tools and equipment for house and garden; and goods and services for routine household maintenance.
Health	Household expenditure on pharmaceuticals; medical products, appliances, and equipment; outpatient services; and hospital services <i>plus</i> expenditure of NPISH on health <i>plus</i> ICEG on health benefits and reimbursements, and the production of health services.
Transportation	Household expenditure on purchase of vehicles, operation of personal transport equipment, and transport services.

Expenditure Categories	
Purchase of vehicles	Household expenditure on purchase of new and second-hand motor cars; motor cycles of all types, scooters and powered bicycles; bicycles and tricycles of all types; and animal-drawn vehicles, which include animals required to draw the vehicles and related equipment such as yokes, collars, harnesses, bridles, and reins.
Transport services	Household expenditure on purchases of transport services classified by mode of transport; cost of meals, snacks, drinks, refreshments or accommodation services must be included if covered by the fare and not separately priced. It includes school transport services but excludes ambulance services and package holidays.
Communication	Household expenditure on postal services, telephone and telefax equipment, and telephone and telefax services.
Recreation and culture	Household expenditure on audiovisual, photographic, and information processing equipment; other major durables for recreation and culture; other recreational items and equipment; gardens and pets; recreational and cultural services; newspapers, books, and stationery; and package holidays <i>plus</i> expenditure by NPISH on recreation and culture <i>plus</i> ICEG on recreation and culture.
Education	Household expenditure on pre-primary, primary, secondary, post-secondary, and tertiary education <i>plus</i> expenditure of NPISH on education <i>plus</i> ICEG on education benefits and reimbursements and the production of education services.
Restaurants and hotels	Household expenditure on food products and beverages sold for immediate consumption away from the home by hotels, restaurants, cafés, bars, kiosks, street vendors, automatic vending machines, and other vendors (including cooked dishes prepared by restaurants for consumption off their premises and cooked dishes prepared by catering contractors, whether collected by the customer or delivered to the customer's home) and household expenditure on accommodation services provided by hotels and similar establishments.
Miscellaneous goods and services	Household expenditure on personal care, personal effects, social protection, insurance, and financial and other services <i>plus</i> expenditure by NPISH on social protection and other services <i>plus</i> ICEG on social protection.
Net purchases abroad	Purchases by residential households in the rest of the world (as tourists, people traveling on business, and government officials, crews, border and seasonal workers, diplomatic and military personal stationed abroad) <i>less</i> purchases by nonresidential households in the economic territory of the country (as tourists, people traveling on business, and government officials, crews, border and seasonal workers, diplomatic and military personal stationed abroad). Zero expenditure values for 'Net purchases abroad' may imply that this expenditure category is allocated under other GDP expenditure components based on the best judgments of the implementing agencies of the participating economies.
Individual consumption expenditure by government (ICEG)	The total value of actual and imputed final consumption expenditures incurred by government on individual goods and services. These include expenditures incurred by the government considered to be individual services such as housing, health, recreation and culture, education, and social protection.
Collective consumption expenditure by government (CCEG)	The final consumption expenditure of government on collective services or the service provided by the government simultaneously to all members of the community.
Gross capital formation (GCF)	The total value of expenditure on gross fixed capital formation (GFCF), changes in inventories, and acquisitions less disposals of valuables.
Gross fixed capital formation (GFCF)	The total value of acquisitions less disposals of fixed assets by resident institutional units during the accounting period <i>plus</i> the additions to the value of nonproduced assets realized by the productive activity of resident institutional units.
Machinery and equipment	Capital expenditure on fabricated metal products, electrical and optical equipment, general-purpose machinery, special-purpose machinery, and transport equipment.
Construction	Capital expenditure on the construction of new structures and renovation of existing structures. Structures include residential buildings, nonresidential buildings, and civil engineering works.
Other products	Capital expenditure on furniture and other manufactured goods; computer software that a producer expects to use in production for more than one year; plantation, orchard, and vineyard development; change in stocks including breeding stock, draught animals, dairy cattle, and animals raised for wool clippings; land improvement, including dams and dikes that are part of flood control and irrigation projects; mineral exploration; acquisition of entertainment, literary, or artistic originals; and other intangible fixed assets such as research and development, weapons and ammunition; and ownership transfer costs on nonproduced assets, including ownership transfer costs relating to land.
Changes in inventories	The value of physical change in inventories of raw materials, supplies and finished goods held by producers; inventories of goods acquired for resale by wholesalers and retailers; inventories of all goods stored by government; work-in-progress in manufacturing, construction and service industries; work-in-progress on cultivated assets (e.g., the natural growth prior to harvest of agricultural crops, vineyards, orchards, plantations and timber tracts and the natural growth in livestock raised for slaughter).
Acquisitions less disposals of valuables	Acquisitions of valuables (produced assets, such as nonmonetary gold, precious stones, antiques, paintings, sculptures and other art objects, that are not used primarily for production or consumption but purchased and held as stores of value) <i>less</i> disposals of valuables.
Balance of exports and imports	The FOB value of exports of goods and services <i>less</i> the FOB value of imports of goods and services.
Individual consumption expenditure by households (ICEH)	The total value of actual and imputed final consumption expenditures incurred by households and NPISH for goods and services consumed by the households on housing, health, recreation and culture, education, and social protection and other services. It also includes expenditures on individual goods and services sold at prices that are not economically significant.
Individual consumption expenditure by households (ICEH) without housing	ICEH and NPISH, without actual and imputed rentals for housing and excluding expenditure by NPISH on housing.
Government final consumption expenditure (GFCE)	The total value of actual and imputed final consumption expenditures incurred by government on individual goods and services and final consumption expenditure of government on collective services.
Domestic absorption	AICH at purchasers' prices <i>plus</i> CCEG at purchasers' prices <i>plus</i> GFCF at purchasers' prices <i>plus</i> changes in inventories, and acquisitions less disposals of valuables.

2017 International Comparison Program for Asia and the Pacific

Taipei, China; 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		Expenditure (billion LCU)
		(HK\$ billion)	Economy Shares to AP, (%)	HK\$	Index (AP = 100)	(HK\$ billion)	Economy Shares to AP, (%)	HK\$	Index (AP = 100)		(HKG = 100)	(AP = 100)	
Gross Domestic Product	2.62	6,688.2	2.88	283,878	463	4,480.3	3.01	190,165	484	100.00	67	105	17,501.18
Actual Individual Consumption by Households ^a	2.58	4,097.5	3.05	173,917	490	2,707.4	3.43	114,917	552	60.43	66	112	10,575.94
Food and non-alcoholic beverages	3.20	417.3	1.52	17,712	244	341.7	2.17	14,504	349	7.63	82	143	1,334.79
Food	3.20	388.8	1.46	16,504	234	318.4	2.11	13,516	340	7.11	82	145	1,243.86
Bread and cereals	3.68	80.8	1.45	3,430	234	76.1	2.22	3,229	357	1.70	94	153	297.15
Meat	3.22	71.6	1.68	3,038	270	59.0	2.13	2,503	342	1.32	82	127	230.36
Fish and seafood	2.84	55.8	2.01	2,370	323	40.5	2.92	1,721	470	0.90	73	145	158.37
Milk, cheese and eggs	2.73	31.8	0.89	1,349	142	22.2	1.23	944	198	0.50	70	139	86.91
Oils and fats	2.95	6.2	0.64	263	103	4.7	0.72	199	115	0.10	76	112	18.30
Fruit	2.99	64.2	2.19	2,724	352	49.1	3.11	2,083	500	1.10	76	142	191.73
Vegetables	3.79	47.5	1.09	2,014	175	46.0	2.33	1,954	375	1.03	97	214	179.87
Sugar, jam, honey, chocolate and confectionery	2.54	13.3	1.77	563	284	8.6	2.24	366	360	0.19	65	126	33.66
Food products n.e.c.	2.55	18.6	1.03	789	166	12.2	1.12	516	181	0.27	65	109	47.51
Non-alcoholic beverages	3.22	28.2	2.95	1,198	475	23.3	3.59	988	577	0.52	82	121	90.93
Alcoholic beverages, tobacco and narcotics	2.86	76.0	3.01	3,224	484	55.5	3.04	2,357	488	1.24	73	101	216.89
Alcoholic beverages	3.62	17.9	3.47	762	557	16.6	3.08	705	496	0.37	93	89	64.87
Tobacco and narcotics	1.96	77.5	2.62	3,287	421	38.9	3.02	1,652	485	0.87	50	115	152.02
Clothing and footwear	2.59	155.4	3.11	6,594	500	102.9	2.77	4,366	444	2.30	66	89	401.78
Housing, water, electricity, gas and other fuels ^a	2.59	627.4	2.76	26,629	444	415.8	3.87	17,647	622	9.28	66	140	1,624.09
Furnishings, household equipment and routine household maintenance	3.23	135.3	3.29	5,741	529	111.8	3.57	4,745	573	2.50	83	108	436.66
Health ^a	1.32	794.6	3.30	33,725	530	268.1	2.98	11,382	478	5.99	34	90	1,047.46
Transportation	2.58	432.0	3.13	18,335	503	285.4	3.69	12,115	593	6.37	66	118	1,114.93
Purchase of vehicles	4.38	86.5	3.04	3,671	489	97.1	3.93	4,120	632	2.17	112	129	379.21
Transport services	3.00	87.8	1.94	3,726	312	67.3	3.03	2,858	487	1.50	77	156	263.07
Communication	2.21	134.8	3.91	5,721	628	76.1	3.31	3,230	531	1.70	56	85	297.26
Recreation and culture ^a	3.28	277.1	7.05	11,760	1,132	233.0	6.75	9,888	1,085	5.20	84	96	910.00
Education ^a	1.94	414.8	2.25	17,606	362	206.1	2.58	8,747	415	4.60	50	114	805.01
Restaurants and hotels	2.47	310.2	5.74	13,164	923	196.1	5.62	8,322	903	4.38	63	98	765.85
Miscellaneous goods and services ^a	2.80	578.3	4.30	24,545	692	415.0	4.14	17,616	665	9.26	72	96	1,621.22
Net purchases abroad	3.91	-	-	-	-	-	-	-	-	-	100	100	-
Individual Consumption Expenditure by Government	1.89	693.1	3.64	29,420	584	335.6	2.97	14,244	477	7.49	48	82	1,310.87
Collective Consumption Expenditure by Government	2.25	511.6	3.38	21,714	543	294.6	3.01	12,503	484	6.57	58	89	1,150.70
Gross Capital Formation	2.92	1,211.6	1.53	51,425	246	907.1	1.57	38,500	252	20.25	75	103	3,543.18
Gross fixed capital formation	2.93	1,224.9	1.63	51,992	263	917.6	1.67	38,947	268	20.48	75	102	3,584.36
Machinery and equipment	4.30	326.6	2.90	13,862	466	359.1	3.03	15,244	488	8.02	110	105	1,402.90
Construction	2.35	547.8	0.82	23,251	132	329.2	0.91	13,974	146	7.35	60	111	1,286.09
Other products	4.19	213.7	3.22	9,072	518	229.2	3.32	9,729	533	5.12	107	103	895.37
Changes in inventories	2.87	-15.7	-0.40	-667	-64	-11.6	-0.43	-491	-69	-0.26	74	109	-45.16
Acquisitions less disposals of valuables	3.91	1.0	0.38	43	61	1.0	0.38	43	61	0.02	100	100	3.98
Balance of Exports and Imports	3.91	571.2	24.37	24,246	3,916	571.2	24.37	24,246	3,916	12.75	100	100	2,231.37
Individual Consumption Expenditure by Households ^b	2.66	3,484.4	2.98	147,894	478	2,371.9	3.51	100,673	564	52.94	68	118	9,265.07
Individual Consumption Expenditure by Households without Housing ^b	2.64	2,985.8	2.97	126,730	476	2,021.0	3.35	85,782	538	45.11	68	113	7,894.60
Government Final Consumption Expenditure	2.07	1,191.1	3.53	50,555	568	630.2	2.99	26,747	480	14.07	53	85	2,461.57
Domestic Absorption	2.64	5,788.3	2.51	245,684	404	3,909.1	2.67	165,920	429	87.25	68	106	15,269.82

Reference Data

Exchange rate (LCU/HK\$)	3.91
Total Population (in million)	23.56
Population Share to AP (%)	0.62

- = magnitude equals zero; AP = Asia and the Pacific; HK\$ = Hong Kong dollar; HKG = Hong Kong, China; LCU = local currency units; n.e.c. = not elsewhere classified; PLI = price level index.

Notes: 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. Nominal expenditure aggregates are the best possible estimates provided by the participating economies, using most recent available data sources, and some of these aggregates may be different from the published expenditure estimates by the economies.

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

^b Includes expenditure by nonprofit institutions serving households.

Sources: Asian Development Bank estimates. Data for expenditure at local currency units and mid-year population estimates were supplied by the participating economies for the International Comparison Program. For exchange rates: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 17 September 2019).

2017 International Comparison Program for Asia and the Pacific

Taipei, China; 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		Expenditure (billion LCU)
		(HK\$ billion)	Economy Shares to AP, (%)	HK\$	Index (AP = 100)	(HK\$ billion)	Economy Shares to AP, (%)	HK\$	Index (AP = 100)		(HKG = 100)	(AP = 100)	
Gross Domestic Product	2.90	4,943.1	3.42	213,157	526	3,780.5	3.76	163,021	578	100.00	76	110	14,312.20
Actual Individual Consumption by Households ^a	2.83	3,138.5	3.94	135,339	606	2,348.5	4.64	101,271	712	62.12	75	117	8,890.97
Food and non-alcoholic beverages	3.23	316.3	1.76	13,639	271	269.8	2.29	11,636	352	7.14	85	130	1,021.56
Food	3.23	295.3	1.70	12,735	261	252.1	2.22	10,871	342	6.67	85	131	954.42
Bread and cereals	3.83	57.3	1.46	2,471	224	57.9	2.05	2,499	315	1.53	101	141	219.39
Meat	3.23	55.7	2.37	2,402	364	47.5	2.77	2,050	426	1.26	85	117	180.01
Fish and seafood	3.21	38.0	2.09	1,638	321	32.2	2.78	1,388	427	0.85	85	133	121.89
Milk, cheese and eggs	3.23	21.0	0.88	906	136	17.9	1.26	774	194	0.47	85	143	67.91
Oils and fats	2.84	5.0	0.68	217	105	3.8	0.64	163	98	0.10	75	94	14.30
Fruit	2.92	51.1	3.19	2,206	491	39.5	3.61	1,701	555	1.04	77	113	149.36
Vegetables	2.78	50.6	1.62	2,184	249	37.1	2.48	1,601	382	0.98	73	153	140.56
Sugar, jam, honey, chocolate and confectionery	2.93	8.1	1.25	351	192	6.3	1.64	272	252	0.17	78	131	23.89
Food products n.e.c.	3.08	12.0	1.30	519	200	9.8	1.51	423	231	0.26	81	116	37.12
Non-alcoholic beverages	3.25	20.6	3.54	890	545	17.7	3.95	765	607	0.47	86	111	67.14
Alcoholic beverages, tobacco and narcotics	2.73	71.9	4.14	3,100	636	51.9	4.17	2,237	641	1.37	72	101	196.41
Alcoholic beverages	3.82	15.1	5.30	653	814	15.3	3.92	658	603	0.40	101	74	57.81
Tobacco and narcotics	1.74	79.8	3.44	3,439	528	36.6	4.28	1,579	658	0.97	46	125	138.60
Clothing and footwear	3.17	109.7	3.35	4,732	515	91.9	3.19	3,964	491	2.43	84	95	348.01
Housing, water, electricity, gas and other fuels ^a	2.89	497.6	3.30	21,456	507	379.9	5.35	16,380	823	10.05	76	162	1,438.07
Furnishings, household equipment and routine household maintenance	3.42	113.9	4.21	4,912	648	102.9	4.68	4,436	720	2.72	90	111	389.49
Health ^a	1.65	508.9	4.16	21,943	640	221.6	4.22	9,554	649	5.86	44	101	838.78
Transportation	2.71	349.0	5.10	15,051	784	249.8	5.56	10,771	854	6.61	72	109	945.67
Purchase of vehicles	2.93	100.6	7.17	4,337	1,103	77.9	5.76	3,358	885	2.06	77	80	294.79
Transport services	2.94	59.5	2.14	2,564	329	46.2	2.94	1,993	452	1.22	78	138	175.00
Communication	3.18	97.4	6.26	4,201	963	82.0	5.17	3,534	794	2.17	84	82	310.29
Recreation and culture ^a	3.68	206.2	7.54	8,890	1,159	200.4	8.37	8,643	1,286	5.30	97	111	758.80
Education ^a	2.43	325.9	3.35	14,052	515	209.5	4.73	9,033	727	5.54	64	141	793.06
Restaurants and hotels	2.43	230.1	6.06	9,922	932	147.9	5.73	6,378	881	3.91	64	94	559.92
Miscellaneous goods and services ^a	2.96	435.8	6.50	18,793	1,000	341.0	6.96	14,704	1,070	9.02	78	107	1,290.90
Net purchases abroad	3.79	-	-	-	-	-	-	-	-	-	100	100	-
Individual Consumption Expenditure by Government	2.40	455.3	3.76	19,635	579	288.4	4.25	12,438	653	7.63	63	113	1,092.00
Collective Consumption Expenditure by Government	2.59	415.6	4.10	17,920	630	284.1	4.32	12,251	664	7.52	68	105	1,075.60
Gross Capital Formation	2.99	1,130.0	2.11	48,730	324	893.6	2.16	38,532	332	23.64	79	102	3,382.87
Gross fixed capital formation	2.99	1,120.2	2.24	48,307	345	884.1	2.29	38,123	353	23.39	79	102	3,346.95
Machinery and equipment	3.45	399.9	3.56	17,244	547	364.4	3.25	15,714	499	9.64	91	91	1,379.61
Construction	2.63	489.5	1.20	21,107	185	339.9	1.45	14,659	222	8.99	69	120	1,286.96
Other products	3.43	198.4	5.15	8,554	792	179.7	4.71	7,750	723	4.75	91	91	680.38
Changes in inventories	3.05	10.3	0.33	443	50	8.3	0.34	356	53	0.22	80	106	31.28
Acquisitions less disposals of valuables	3.79	1.2	0.32	53	50	1.2	0.32	53	50	0.03	100	100	4.64
Balance of Exports and Imports	3.79	254.3	12.55	10,966	1,929	254.3	12.55	10,966	1,929	6.73	100	100	962.76
Individual Consumption Expenditure by Households ^b	2.86	2,729.3	3.96	117,693	609	2,060.0	4.69	88,833	722	54.49	75	118	7,798.98
Individual Consumption Expenditure by Households without Housing ^b	2.84	2,330.0	3.95	100,474	607	1,746.2	4.42	75,299	679	46.19	75	112	6,610.76
Government Final Consumption Expenditure	2.51	865.0	3.98	37,301	612	572.6	4.29	24,690	659	15.15	66	108	2,167.60
Domestic Absorption	2.86	4,660.5	3.23	200,968	496	3,526.2	3.58	152,055	550	93.27	76	111	13,349.44

Reference Data

Exchange rate (LCU/HK\$)	3.79
Total Population (in million)	23.19
Population Share to AP (%)	0.65

- = magnitude equals zero; AP = Asia and the Pacific; HK\$ = Hong Kong dollar; HKG = Hong Kong, China; LCU = local currency units; n.e.c. = not elsewhere classified; PLI = price level index.

Notes: 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. Nominal expenditure aggregates are the best possible estimates provided by the participating economies, using most recent available data sources, and some of these aggregates may be different from the published expenditure estimates by the economies.

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

^b Includes expenditure by nonprofit institutions serving households.

Sources: Asian Development Bank estimates. Data for expenditure at local currency units and mid-year population estimates were supplied by the participating economies for the International Comparison Program. For exchange rates: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 17 September 2019).