

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 Development Impact 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 21 economies that participated in the 2021 ICP. These 21 economies are: Bangladesh; Bhutan; Brunei Darussalam; Cambodia; Fiji; Hong Kong, China; India; Indonesia; the Lao People's Democratic Republic; Malaysia; Maldives; Mongolia; 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 sheets: one for the 2021 ICP results and second for 2017 ICP (revised) results. Each sheet 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; and "total consumption," which represents the total expenditures of households, NPISH, and the government.

The 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 expenditures 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. For expenditures in local currency units, participating economies allocated statistical discrepancy (if any) to one or more basic headings based on their best judgment and financial year-based estimates for some economies were converted to calendar year. Due to these adjustments, the expenditures in local currency units in the table for some expenditure aggregates may differ from the published expenditure estimates by the economies. Some PPPs presented are reference PPPs. Detailed list of reference PPPs will be available in the forthcoming reports of 2021 ICP 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 2021 results are in worksheets labeled "AAA-2021," where "AAA" represents the 3-character ADB member code.

The 2017 revised results (in worksheets labeled "AAA-2017revised," where "AAA" represents the 3-character ADB member code) are based on (i) revisions in the 2017 estimates of GDP, population, and exchange rates; (ii) implementation of a new, hybrid approach of estimating actual and imputed rentals for housing; (iii) revisions in the economy base information for government compensation; (iv) updates in the underlying data to estimate productivity adjustment factors; and (v) changes in some reference PPPs, including the adoption of the two-stage referencing.

Results presented in these tables are produced by ADB as the ICP Asia and the Pacific regional implementing agency, based on data supplied by all the participating economies, in accordance with the methodology recommended by the ICP Technical Advisory Group and endorsed by the 2021 ICP 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	AICH at purchasers' prices <i>plus</i> CCEG at purchasers' prices <i>plus</i> GCF at purchasers' prices <i>plus</i> the 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	The total value of the ICEH, NPISH, and ICEG at purchasers' prices.
Food and nonalcoholic beverages	Household expenditure on food products and nonalcoholic beverages purchased for consumption at home. It excludes expenditures on food products and nonalcoholic 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.
Nonalcoholic beverages	Household expenditure on nonalcoholic beverages purchased for consumption at home. It excludes nonalcoholic 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 nonalcoholic beverages which are generally alcoholic such as nonalcoholic 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 nonalcoholic beverages which are generally alcoholic such as nonalcoholic 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.
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.

Expenditure Categories	
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) less 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	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	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	The total value of expenditure on GFCF, changes in inventories, and acquisitions less disposals of valuables.
Gross fixed capital formation	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) less 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	The total value of actual and imputed final consumption expenditures incurred by households for goods and services consumed by the households. In the context of ICP in Asia and the Pacific, also includes the individual consumption expenditure by NPISH.
Individual consumption expenditure by households without housing	ICEH and NPISH, without actual and imputed rentals for housing and excluding expenditure by NPISH on housing.
Government final consumption expenditure	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.
Total consumption	AICH <i>plus</i> CCEG, both at purchasers' prices.

AICH = actual individual consumption by households; CCEG = collective consumption expenditure by government; FOB = free on board; GCF = gross capital formation; GDP = gross domestic product; GFCE = government final consumption expenditure; GFCF = gross fixed capital formation; ICEG = Individual consumption expenditure by government; ICEH = individual consumption expenditure by households; NPISH = nonprofit institutions serving households; n.e.c = not elsewhere classified.
Source: Asian Development Bank (Economic Research and Development Impact Department).

2021 International Comparison Program for Asia and the Pacific Singapore, 2021

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00)			Real Expenditure			Per Capita Real Expenditure			Nominal Expenditure			Per Capita Nominal Expenditure			Nominal Expenditure Shares, (%)			Price Level Indexes			
	Expenditure Category	HK\$ billion	AP, (%)	HK\$	Index (HKG = 100)	Index (AP = 100)	HK\$	Index (HKG = 100)	Index (AP = 100)	HK\$ billion	AP, (%)	HK\$	Index (HKG = 100)	Index (AP = 100)	Nominal Expenditure Shares, (%)	HK\$	Index (HKG = 100)	Index (AP = 100)	Nominal Expenditure Shares, (%)	HKG = 100	AP = 100	Expenditure (billion LCU)
Gross Domestic Product	0.14	4,222.8	1.33	774,311	200	944	618,583	160	1,172	3,373.5	1.65	618,583	160	1,172	100.00	80	124	583.22	80	124	583.22	
Actual Individual Consumption by Households ^a	0.16	1,161.6	0.63	213,002	79	448	202,723	75	760	1,105.6	1.07	202,723	75	760	32.77	95	170	191.13	95	170	191.13	
Food and nonalcoholic beverages	0.13	1,057.9	0.26	19,373	80	187	14,829	61	266	80.9	0.37	14,829	61	266	2.19	77	142	13.98	77	142	13.98	
Food	0.13	969.9	0.25	17,759	79	175	13,564	60	254	74.0	0.36	13,564	60	254	2.19	76	145	12.79	76	145	12.79	
Bread and cereals	0.14	165.5	0.22	3,029	117	159	2,476	96	226	13.5	0.32	2,476	96	226	0.40	82	142	2.33	82	142	2.33	
Meat	0.13	180.0	0.26	3,298	42	184	2,504	32	220	13.7	0.31	2,504	32	220	0.40	76	119	2.36	76	119	2.36	
Fish and seafood	0.13	142.0	0.36	2,610	63	256	1,991	48	404	10.9	0.57	1,991	48	404	0.32	76	157	1.88	76	157	1.88	
Milk, cheese and eggs	0.13	71.0	0.14	1,300	122	97	960	90	147	5.2	0.21	960	90	147	0.16	74	153	0.91	74	153	0.91	
Oil and fats	0.13	2.7	0.20	499	236	144	383	181	159	2.1	0.22	383	181	159	0.06	77	111	0.36	77	111	0.36	
Fruit	0.12	11.9	0.26	2,183	102	183	1,465	69	277	8.0	0.39	1,465	69	277	0.24	67	152	1.38	67	152	1.38	
Vegetables	0.15	10.5	0.17	1,927	109	118	1,682	95	246	9.2	0.35	1,682	95	246	0.27	87	208	1.59	87	208	1.59	
Sugar, jam, honey, chocolate and confectionery	0.13	4.6	0.37	843	122	363	653	95	368	3.6	0.52	653	95	368	0.11	77	141	0.62	77	141	0.62	
Food products n.e.c.	0.10	13.3	0.51	2,444	110	363	1,450	65	429	7.9	0.60	1,450	65	429	0.23	59	118	1.37	59	118	1.37	
Nonalcoholic beverages	0.14	8.6	0.70	1,575	103	495	83	566	6.9	0.80	1,266	83	566	0.20	80	114	1.19	80	114	1.19		
Alcoholic beverages, tobacco and narcotics	0.30	11.2	0.32	2,050	128	227	3,585	223	535	19.5	0.75	3,585	223	535	0.58	175	235	3.38	175	235	3.38	
Tobacco and narcotics	0.29	4.5	0.81	832	104	579	1,389	175	806	7.6	1.13	1,389	175	806	0.22	167	139	1.31	167	139	1.31	
Clothing and footwear	0.29	7.3	0.18	1,331	164	126	2,196	271	441	12.0	0.62	2,196	271	441	0.35	165	349	2.07	165	349	2.07	
Housing, water, electricity, gas and other fuels ^a	0.17	173.1	0.42	31,737	70	299	5,249	46	768	28.6	0.62	5,249	46	768	5.10	99	257	29.74	99	257	29.74	
Furnishings, household equipment and routine household maintenance	0.16	48.4	0.98	8,869	63	695	44.2	58	852	44.2	1.20	8,099	58	852	1.31	91	122	7.64	91	122	7.64	
Health ^a	0.16	136.9	0.55	25,099	92	392	29.7	92	1,033	129.8	1.45	23,806	87	1,033	3.85	95	263	22.44	95	263	22.44	
Purchase of vehicles	0.23	70.4	0.42	12,916	114	297	17,538	155	697	95.6	0.98	17,538	155	697	2.84	136	235	16.54	136	235	16.54	
Transport services	0.45	14.4	0.31	2,636	100	219	37.7	127	901	37.7	1.27	6,918	263	901	1.12	262	412	6.52	262	412	6.52	
Communication	0.19	28.6	0.63	5,244	121	445	30.7	131	5,638	30.7	1.31	5,638	131	5,638	0.91	108	210	5.32	108	210	5.32	
Recreation and culture ^a	0.24	25.2	0.58	4,616	53	414	34.7	53	843	34.7	1.19	6,364	73	843	1.03	138	204	6.00	138	204	6.00	
Education ^a	0.14	102.1	2.67	18,717	81	1,898	92.0	73	2,184	101.1	3.07	16,879	98	2,184	2.73	90	115	15.91	90	115	15.91	
Restaurants and hotels	0.13	101.9	0.59	22,967	121	420	101.1	98	671	76.6	1.46	14,047	79	1,039	3.00	75	107	13.24	75	107	13.24	
Miscellaneous goods and services ^a	0.17	237.1	1.24	43,479	65	880	233.7	64	1,159	233.7	1.63	42,856	64	1,159	6.93	99	132	40.41	99	132	40.41	
Net purchases abroad	0.17	-3.3	-3.57	-605	n.a.	-2,534	-605	n.a.	-2,534	-3.3	-3.57	-605	n.a.	-2,534	-0.10	100	100	-0.57	100	100	-0.57	
Individual Consumption Expenditure by Government	0.15	142.3	0.76	26,085	134	542	125.6	119	763	125.6	1.07	23,037	119	763	3.72	88	141	21.72	88	141	21.72	
Collective Consumption Expenditure by Government	0.12	323.9	1.31	59,393	201	933	232.8	144	929	232.8	1.31	42,693	144	929	6.90	72	100	40.25	72	100	40.25	
Gross Capital Formation	0.14	1,011.1	0.95	185,396	286	674	810.2	229	731	810.2	1.03	148,555	229	731	24.02	80	108	140.06	80	108	140.06	
Gross fixed capital formation	0.14	950.5	0.92	174,296	268	655	752.0	212	705	752.0	0.99	137,889	212	705	22.29	79	108	130.01	79	108	130.01	
Machinery and equipment	0.19	184.5	1.12	33,838	230	795	206.0	257	781	206.0	1.10	37,780	257	781	6.11	112	98	35.62	112	98	35.62	
Construction	0.12	427.9	0.47	78,470	187	335	294.6	129	443	294.6	0.62	54,012	129	443	8.73	69	132	50.92	69	132	50.92	
Other products	0.19	229.1	2.73	42,009	489	1,940	251.4	255	46,097	251.4	2.55	46,097	255	46,097	7.45	110	94	43.46	110	94	43.46	
Changes in inventories	0.17	59.5	2.04	10,916	-4	239	1,451	58.2	2.39	58.2	2.39	10,666	-4	239	1.72	98	117	10.06	98	117	10.06	
Acquisitions less disposals of valuables	0.17	-	-	-	n.a.	-	-	-	n.a.	-	-	-	n.a.	-	-	-	-	-	-	-	-	
Balance of Exports and Imports	0.17	1,224.9	26.44	224,613	1,043	18,789	1,224.9	26.44	224,613	1,043	18,789	1,043	18,789	36.31	100	100	211.77	100	100	211.77		
Individual Consumption Expenditure by Households ^b	0.17	1,022.1	0.61	187,411	75	436	979.9	71	759	979.9	1.07	179,685	71	759	29.05	96	174	169.41	96	174	169.41	
Individual Consumption Expenditure by Households without Housing ^b	0.17	865.1	0.63	158,638	74	446	837.4	72	730	837.4	1.03	153,545	72	730	24.82	97	164	144.77	97	164	144.77	
Government Final Consumption Expenditure	0.13	465.7	1.07	85,388	174	760	65,731	134	863	358.5	1.21	65,731	134	863	10.63	77	114	61.97	77	114	61.97	
Domestic Absorption	0.15	2,501.9	0.78	458,766	126	557	2,148.5	108	763	2,148.5	1.07	393,971	108	763	63.69	86	137	371.45	86	137	371.45	
Total Consumption	0.16	1,454.2	0.70	266,647	89	496	1,338.4	82	785	1,338.4	1.10	245,416	82	785	39.67	92	158	231.39	92	158	231.39	

Reference Data

Exchange rate (LCU / HK\$)	0.17
Total Population (in million)	5.45
Population Share to AP (%)	0.14

- = magnitude equals zero.

AP = Asia and the Pacific; HK\$ = Hong Kong dollar; HKG = Hong Kong, China; LCU = local currency units; n.a. = not applicable; n.e.c. = not elsewhere classified.

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

^b Includes expenditure by nonprofit institutions serving households.

Notes:

1. 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.

2. Expenditure aggregates presented in local currency units 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.

3. Data for mid-year population estimates and exchange rates were supplied by the participating economies for the International Comparison Program.

Source: Asian Development Bank estimates.

2021 International Comparison Program for Asia and the Pacific Singapore, 2017 Revised

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00) (HK\$ billion)		Real Expenditure		Per Capita Real Expenditure		Nominal Expenditure		Per Capita Nominal Expenditure		Nominal Expenditure		Price Level Indexes	
	0.15	1,097.2	Economy Shares to AP, (%)	Index (AP = 100)	HK\$	Index (AP = 100)	Economy Shares to AP, (%)	Index (AP = 100)	HK\$	Index (AP = 100)	Economy Shares to AP, (%)	Index (AP = 100)	(HKG = 100)	(AP = 100)
Gross Domestic Product	0.15	3,257.9	1.33	161	580,502	161	1.76	133	476,775	133	1,195	100.00	82	132
Actual Individual Consumption by Households ^a	0.17	1,097.2	0.78	77	195,501	77	1.34	73	186,964	73	907	39.21	96	171
Food and nonalcoholic beverages	0.15	772.2	0.26	53	13,761	53	0.37	44	11,357	44	252	2.38	83	145
Food	0.15	67.7	0.35	50	12,056	50	0.23	42	10,118	42	234	2.12	84	149
Bread and cereals	0.16	10.9	0.17	77	1,939	77	1.18	100	1,778	100	182	0.37	92	155
Meat	0.17	13.0	0.29	29	2,310	29	0.41	27	2,178	27	278	0.46	94	144
Fish and seafood	0.15	9.8	0.32	40	1,755	40	0.54	33	1,457	33	364	0.46	83	166
Milk, cheese and eggs	0.13	5.6	0.14	989	1,06	106	0.21	75	702	75	134	0.15	71	143
Oils and fats	0.14	1.8	0.18	329	111	111	0.21	87	258	87	140	0.05	78	115
Fruit	0.13	7.9	0.25	70	1,412	70	0.35	53	1,064	53	236	0.22	75	139
Vegetables	0.16	6.7	0.14	1,192	78	78	0.28	72	1,103	72	192	0.23	93	202
Sugar, jam, honey, chocolate and confectionery	0.15	3.2	0.33	567	77	77	2.23	67	491	67	335	0.10	87	150
Food products n.e.c.	0.11	10.2	0.57	47	1,825	47	1.03	28	1,086	28	389	0.23	60	100
Nonalcoholic beverages	0.13	9.5	0.96	1,700	106	106	1.03	77	1,239	77	699	0.26	73	107
Alcoholic beverages, tobacco and narcotics	0.32	9.3	0.35	1,654	80	234	16.7	144	2,979	144	575	0.62	180	245
Alcoholic beverages	0.31	4.2	0.73	746	59	496	7.4	104	1,318	104	838	0.28	177	169
Tobacco and narcotics	0.28	5.9	0.19	1,047	131	128	9.3	208	1,661	208	461	0.35	159	361
Clothing and footwear	0.17	29.1	0.57	5,192	42	390	28.4	41	5,063	41	487	1.06	98	125
Housing, water, electricity, gas and other fuels ^a	0.18	148.8	0.49	26,507	67	330	154.0	133	27,447	133	902	5.76	104	273
Furnishings, household equipment and routine household maintenance	0.18	40.4	1.00	7,195	56	675	42.1	59	7,502	59	910	1.57	104	135
Health ^a	0.17	102.2	0.54	18,219	86	364	99.5	83	17,722	83	1,065	3.72	97	293
Transportation	0.22	111.2	0.80	19,820	117	541	135.7	142	24,184	142	1,183	5.07	122	219
Purchase of vehicles	0.55	17.4	0.63	3,095	128	425	54.3	399	9,667	399	1,513	2.03	312	356
Transport services	0.18	54.4	1.15	9,692	90	779	55.7	92	9,920	92	1,636	2.08	102	210
Communication	0.21	33.3	0.85	5,937	99	574	38.7	115	6,901	115	1,075	1.45	116	187
Recreation and culture ^a	0.15	128.1	3.75	22,830	87	2,543	108.1	73	19,270	73	2,502	4.04	84	98
Education ^a	0.14	112.8	0.72	20,101	122	490	91.6	99	16,316	99	901	3.42	81	184
Restaurants and hotels	0.14	123.6	1.97	22,030	98	1,337	98.0	77	17,468	77	1,649	3.66	79	123
Miscellaneous goods and services ^a	0.18	169.4	1.18	30,185	57	798	173.6	59	30,925	59	1,130	6.49	102	142
Net purchases abroad	0.18	-1.0	0.60	-170	n.a.	404	-1.0	0.60	-170	n.a.	404	-0.04	100	100
Individual Consumption Expenditure by Government	0.15	117.4	0.81	20,916	152	549	101.0	131	17,990	131	827	3.77	86	150
Collective Consumption Expenditure by Government	0.12	249.2	1.21	44,400	205	820	173.6	143	30,926	143	866	6.49	70	106
Gross Capital Formation	0.15	886.9	1.12	158,025	199	759	734.9	165	130,951	165	869	27.47	83	114
Gross fixed capital formation	0.14	830.8	1.09	148,025	190	737	680.0	156	121,156	156	835	25.41	82	113
Machinery and equipment	0.21	176.1	1.18	31,370	144	801	208.2	170	37,095	170	881	7.78	118	110
Construction	0.12	400.0	0.64	71,266	146	433	271.2	99	48,315	99	555	10.13	68	128
Other products	0.20	181.7	3.15	32,381	442	2,135	200.6	488	35,745	488	2,232	7.50	110	105
Changes in inventories	0.18	53.5	2.18	9,541	643	1,479	550	660	9,796	660	2,026	2.05	103	137
Acquisitions less disposals of valuables	0.18	-	-	-	n.a.	-	-	n.a.	-	n.a.	-	-	100	100
Balance of Exports and Imports	0.18	718.0	29.10	127,933	3,524	19,731	718.0	29.10	127,933	3,524	19,731	26.83	100	100
Individual Consumption Expenditure by Households ^b	0.17	983.8	0.78	175,295	73	526	948.3	70	168,974	70	917	35.44	96	174
Individual Consumption Expenditure by Households without Housing ^b	0.17	838.5	0.79	149,414	72	536	816.2	70	145,435	70	880	30.50	97	164
Government Final Consumption Expenditure	0.13	266.3	1.04	65,268	185	704	274.5	138	48,916	138	851	10.26	75	121
Domestic Absorption	0.16	2,227.8	0.92	396,948	111	623	1,957.8	98	889	98	889	73.17	88	143
Total Consumption	0.16	1,321.6	0.83	235,485	85	559	1,222.9	79	217,890	79	901	45.70	93	161

Reference Data

Exchange rate (LCU / HK\$)	0.18
Total Population (in million)	5.61
Population Share to AP (%)	0.15

- = magnitude equals zero.

AP = Asia and the Pacific; HK\$ = Hong Kong dollar; LCU = local currency units; n.a. = not applicable; n.e.c. = not elsewhere classified.

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

^b Includes expenditure by nonprofit institutions serving households.

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.
- Expenditure aggregates in local currency units 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.
- Data for mid-year population estimates and exchange rates were supplied by the participating economies for the International Comparison Program.

Source: Asian Development Bank estimates.