

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 less 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

Taipei, China; 2021

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00)			Real Expenditure			Per Capita Real Expenditure			Nominal Expenditure			Per Capita Nominal Expenditure			Price Level Indexes							
	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Nominal Expenditure Shares, (%)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	Value	Economy Shares to AP, (%)	Index (HKG = 100)	
																							(HK\$ billion)
Gross Domestic Product	2.45	2.78	97	8,836.2	2.78	459	376,515	2.94	6,009.9	2.94	66	256,084	485	100.00	100.00	68	21,663.23	106	21,663.23	68	106	21,663.23	106
Actual Individual Consumption by Households ^a	2.40	2.56	74	4,713.0	2.56	422	200,823	3.03	3,135.3	3.03	49	133,598	501	52.17	52.17	67	11,301.63	119	11,301.63	67	119	11,301.63	119
Food and nonalcoholic beverages	3.00	1.15	81	19,633	1.15	189	16,316	1.77	382.9	1.77	68	293	288	6.02	6.02	83	1,380.22	83	1,380.22	83	155	1,380.22	155
Food	2.99	1.11	82	18,594	1.11	184	16,194	1.75	361.9	1.75	68	288	288	6.02	6.02	83	1,304.53	83	1,304.53	83	157	1,304.53	157
Bread and cereals	3.55	1.10	134	3,467	1.10	182	3,467	1.89	80.2	1.89	132	312	312	1.34	1.34	99	289.25	99	289.25	99	172	289.25	172
Meat	2.85	1.24	47	3,665	1.24	204	2,896	1.54	68.0	1.54	37	254	254	1.13	1.13	79	124	79	124	79	124	244.95	124
Fish and seafood	2.69	1.61	66	2,704	1.61	266	2,021	1.48	47.4	1.48	41	410	410	0.79	0.79	75	170.95	75	170.95	75	154	170.95	154
Milk, cheese and eggs	2.70	0.59	122	1,302	0.59	97	1,302	0.91	22.9	0.91	91	150	150	0.38	0.38	75	82.41	75	82.41	75	155	82.41	155
Oils and fats	2.87	6.4	271	128	6.4	78	128	5.1	5.1	5.1	102	90	90	0.08	0.08	80	18.27	80	18.27	80	115	18.27	115
Fruit	2.23	2.00	185	92.8	2.00	393	3,953	2.80	57.4	2.80	115	462	462	0.95	0.95	62	206.83	62	206.83	62	140	206.83	140
Vegetables	3.92	0.86	130	2,307	0.86	141	2,307	2.22	58.9	2.22	141	366	366	0.98	0.98	109	212.20	109	212.20	109	259	212.20	259
Sugar, jam, honey, chocolate and confectionery	2.61	1.12	69	1,148	1.12	148	1,148	8.1	14.0	8.1	27	176	176	0.14	0.14	72	29.35	72	29.35	72	132	29.35	132
Food products n.e.c.	2.47	0.78	39	867	0.78	39	867	1.07	14.0	1.07	57	207	207	0.23	0.23	69	50.33	69	50.33	69	137	50.33	137
Nonalcoholic beverages	3.06	2.47	69	1,054	2.47	331	1,054	2.42	21.0	2.42	59	400	400	0.35	0.35	85	121	85	121	85	121	75.69	121
Alcoholic beverages, tobacco and narcotics	2.86	87.9	233	3,746	87.9	415	2,977	2.69	185	2.69	185	444	444	1.16	1.16	79	251.81	79	251.81	79	107	251.81	107
Alcoholic beverages	3.69	15.2	82	649	15.2	452	649	2.34	15.6	2.34	84	386	386	0.26	0.26	102	56.30	102	56.30	102	86	56.30	86
Tobacco and narcotics	2.09	2.28	492	3,983	2.28	377	3,983	54.2	54.2	54.2	286	464	464	0.90	0.90	58	123	58	123	58	123	195.51	123
Clothing and footwear	2.73	173.2	65	7,379	173.2	512	7,379	2.83	32.0	2.83	49	468	468	2.18	2.18	76	91	49	468	76	91	472.93	91
Housing, water, electricity, gas and other fuels ^a	1.88	1,009.2	94	43,004	1,009.2	405	43,004	3.31	527.1	3.31	49	547	547	8.77	8.77	52	135	49	547	52	135	1,899.94	135
Furnishings, household equipment and routine household maintenance	3.06	163.6	50	6,970	163.6	546	6,970	3.77	138.8	3.77	42	622	622	2.31	2.31	85	114	42	622	85	114	500.19	114
Health ^a	1.35	920.6	371	39,229	920.6	613	39,229	3.86	345.0	3.86	54	638	638	5.74	5.74	37	104	54	638	37	104	1,243.41	104
Transportation	2.45	407.0	153	398	407.0	398	276.9	2.84	276.9	2.84	104	469	469	4.61	4.61	68	118	104	469	68	118	998.23	118
Purchase of vehicles	1.387	2.97	225	5,911	2.97	225	5,911	3.61	107.3	3.61	174	596	596	1.79	1.79	77	121	174	596	77	121	386.77	121
Transport services	3.76	30.6	30	1,306	30.6	111	1,306	1.37	32.0	1.37	32	226	226	0.53	0.53	104	203	32	226	104	203	115.33	203
Communication	2.64	102.8	50	4,380	102.8	393	4,380	2.57	75.2	2.57	37	425	425	1.25	1.25	73	108	37	425	73	108	271.20	108
Recreation and culture ^a	3.10	216.3	40	9,218	216.3	935	9,218	6.21	186.0	6.21	34	1,025	1,025	3.10	3.10	86	110	34	1,025	86	110	670.48	110
Education ^a	1.97	411.4	92	17,531	411.4	321	17,531	2.10	224.4	2.10	50	346	346	3.73	3.73	55	108	50	346	55	108	809.05	108
Restaurants and hotels	2.42	375.6	90	16,003	375.6	90	16,003	4.81	252.2	4.81	60	795	795	4.20	4.20	67	96	60	795	67	96	909.12	96
Miscellaneous goods and services ^a	2.80	674.1	352	28,722	674.1	43	581	523.7	3.65	523.7	33	603	603	8.71	8.71	78	104	33	603	78	104	1,887.70	104
Net purchases abroad	3.60	2.0	n.a.	87	2.0	n.a.	87	2.0	2.0	2.0	n.a.	363	363	0.03	0.03	100	100	n.a.	363	100	100	7.35	100
Individual Consumption Expenditure by Government	1.89	844.4	4.53	35,982	844.4	185	748	3.78	442.7	3.78	97	18,864	18,864	7.37	7.37	52	84	97	18,864	52	84	1,595.76	84
Collective Consumption Expenditure by Government	2.13	632.1	2.56	26,933	632.1	91	423	2.10	374.3	2.10	54	347	347	6.23	6.23	59	82	54	347	59	82	1,349.23	82
Gross Capital Formation	2.71	1,647.8	2.05	93,310	1,647.8	144	339	1,647.2	2.09	70,189	108	345	345	27.41	27.41	75	102	108	345	75	102	5,937.57	102
Gross fixed capital formation	2.70	2,111.2	2.05	89,960	2,111.2	138	338	1,579.0	2.08	67,283	103	344	344	26.27	26.27	75	102	103	344	75	102	5,691.78	102
Machinery and equipment	4.07	572.1	3.47	24,377	572.1	166	573	645.7	3.44	27,513	187	568	568	10.74	10.74	113	99	187	568	113	99	2,327.41	99
Construction	2.17	951.7	1.05	40,552	951.7	173	574.1	1.22	24,461	1.22	58	201	201	9.55	9.55	60	116	173	574.1	60	116	2,069.26	116
Other products	4.02	321.8	3.84	13,714	321.8	160	633	359.3	3.65	15,310	178	603	603	5.98	5.98	112	95	178	603	112	95	1,295.11	95
Changes in inventories	3.02	79.5	2.72	3,386	79.5	450	2,840	66.7	66.7	66.7	-1,103	451	451	1.11	1.11	84	100	-1,103	451	84	100	240.27	100
Acquisitions less disposals of valuables	3.60	1.5	0.32	65	1.5	53	65	1.5	1.5	1.5	n.a.	53	53	0.03	0.03	100	100	n.a.	53	100	100	5.52	100
Balance of Exports and Imports	3.60	853.0	18.41	36,348	853.0	169	3,040	18.41	853.0	18.41	169	3,040	3,040	14.19	14.19	100	100	169	3,040	100	100	3,074.80	100
Individual Consumption Expenditure by Households ^b	2.46	3,948.9	2.37	168,267	3,948.9	67	392	2,692.6	2.94	114,735	46	485	485	44.80	44.80	68	124	46	485	68	124	9,705.88	124
Individual Consumption Expenditure by Households without Housing ^b	2.55	3,167.5	2.30	134,971	3,167.5	63	380	2,240.7	2.75	95,476	45	454	454	37.28	37.28	71	120	45	454	71	120	8,076.74	120
Government Final Consumption Expenditure	2.01	1,462.5	3.36	62,320	1,462.5	127	555	817.0	2.77	34,813	71	457	457	13.59	13.59	56	82	71	457	56	82	2,944.99	82
Domestic Absorption	2.44	7,622.9	2.39	324,816	7,622.9	89	394	5,156.8	2.58	219,737	60	426	426	85.81	85.81	68	108	60	426	68	108	18,588.43	108
Total Consumption	2.37	5,337.6	2.56	227,437	5,337.6	76	423	3,509.6	2.89	149,548	50	478	478	58.40	58.40	66	113	50	478	66	113	12,650.87	113

Reference Data

Exchange rate (LCU / HK\$)	3.60
Total Population (in million)	23.47
Population Share to AP (%)	0.61

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 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.
- 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 Taipei, China; 2017 Revised

Expenditure Category	Purchasing Power Parities (HK\$ = 1.00)	Real Expenditure			Per Capita Real Expenditure			Nominal Expenditure			Per Capita Nominal Expenditure			Nominal Expenditure			Price Level Indexes		
		(HK\$ billion)	Economy Shares to AP, (%)	Index (HKG = 100)	HK\$	Index (HKG = 100)	Index (AP = 100)	(HK\$ billion)	Economy Shares to AP, (%)	Index (HKG = 100)	Index (AP = 100)	HK\$	Index (HKG = 100)	Index (AP = 100)	Nominal Expenditure Shares, (%)	(HKG = 100)	(AP = 100)	Expenditure (billion LCU)	
																			(AP = 100)
Gross Domestic Product	2.57	7,009.1	2.86	297,557	83	462	4,604.7	3.03	195,482	54	490	100.00	66	106	17,983.35				
Actual Individual Consumption by Households ^a	2.51	4,246.0	3.02	180,253	71	488	2,725.7	3.48	115,716	45	561	59.20	64	115	10,645.25				
Food and nonalcoholic beverages	3.21	371.7	1.24	15,781	61	200	305.8	1.79	12,984	50	289	6.64	82	145	1,194.46				
Food	3.21	351.6	1.20	14,925	61	194	289.1	1.76	12,273	50	284	6.28	82	146	1,129.04				
Bread and cereals	3.68	68.1	1.09	2,889	114	175	64.1	1.73	2,721	108	279	1.39	94	159	250.34				
Meat	3.25	65.1	1.43	2,765	35	232	54.3	1.82	2,304	29	294	1.18	83	127	212.00				
Fish and seafood	2.83	52.3	1.72	2,218	50	277	37.9	2.49	1,608	36	402	0.82	73	145	147.95				
Milk, cheese and eggs	2.70	26.4	0.66	1,122	120	106	18.3	0.91	775	83	147	0.40	69	139	71.32				
Oils and fats	2.95	5.4	0.52	227	76	84	4.0	0.58	172	58	93	0.09	76	111	15.81				
Fruit	2.99	59.9	1.89	2,541	126	305	45.8	2.68	1,946	96	432	1.00	77	142	179.01				
Vegetables	3.82	48.1	1.01	2,040	133	162	47.0	2.15	1,996	130	347	1.02	98	214	183.65				
Sugar, jam, honey, chocolate and confectionery	2.53	10.0	1.04	426	58	167	6.5	1.16	276	38	188	0.14	65	112	25.40				
Food products n.e.c.	2.55	20.3	2.05	861	17.1	195	11.2	1.05	474	12	169	0.24	65	110	43.56				
Nonalcoholic beverages	3.22	20.3	2.05	861	54	331	16.7	2.48	711	44	401	0.36	83	121	65.41				
Alcoholic beverages, tobacco and narcotics	2.88	71.5	2.66	3,035	147	430	52.7	2.68	2,238	109	432	1.15	74	100	205.92				
Tobacco and narcotics	3.62	16.0	2.79	678	54	451	14.8	2.47	628	50	399	0.32	93	89	57.74				
Clothing and footwear	1.96	75.5	2.42	3,205	401	391	37.9	2.76	1,611	201	447	0.82	50	114	148.18				
Housing, water, electricity, gas and other fuels ^a	2.12	166.5	3.29	7,068	58	531	110.5	2.79	4,690	36	451	2.40	66	85	431.50				
Furnishings, household equipment and routine household maintenance	3.24	138.5	3.41	5,878	46	551	114.8	3.66	4,874	38	592	2.49	83	107	448.39				
Health ^a	1.27	802.0	4.21	34,049	160	680	261.7	4.13	11,110	74	611	6.39	66	119	1,149.68				
Transportation	2.59	444.4	3.19	18,866	111	515	294.4	3.78	12,497	71	471	4.36	54	122	784.97				
Purchase of vehicles	4.41	84.2	3.04	3,573	147	490	95.0	3.91	4,032	166	631	2.06	113	129	370.91				
Transport services	2.96	107.3	2.27	4,553	42	366	81.3	3.52	3,452	32	569	1.77	76	156	317.61				
Communication	2.21	141.4	3.59	6,003	100	581	80.0	3.27	3,395	56	529	1.74	57	91	312.28				
Recreation and culture ^a	3.27	218.5	6.40	9,278	35	1,034	182.8	6.24	7,762	30	1,008	3.97	84	98	714.04				
Education ^a	2.10	372.9	2.39	15,832	96	386	201.0	2.92	8,533	52	471	4.36	54	122	784.97				
Restaurants and hotels	2.47	383.5	6.12	16,283	72	988	242.8	6.02	10,309	46	973	5.27	63	98	948.35				
Miscellaneous goods and services ^a	2.81	588.0	4.09	24,961	47	660	422.9	4.06	17,953	34	656	9.18	72	99	1,651.58				
Net purchases abroad	3.91	20.8	-13.01	881	n.a.	-2,101	20.8	-13.01	881	n.a.	-2,101	0.45	100	100	81.05				
Individual Consumption Expenditure by Government	1.87	705.0	4.87	29,928	218	786	337.9	4.08	14,344	104	659	7.34	48	84	1,319.57				
Collective Consumption Expenditure by Government	2.21	529.1	2.57	22,462	104	415	298.8	2.20	12,685	59	355	6.49	56	86	1,166.98				
Gross Capital Formation	2.95	1,279.0	1.61	54,298	68	261	965.6	1.68	40,995	52	272	20.97	75	104	3,771.29				
Gross fixed capital formation	2.94	1,293.1	1.69	54,898	70	273	971.9	1.76	41,262	53	284	21.11	75	104	3,795.87				
Machinery and equipment	4.32	338.0	2.27	14,350	66	366	373.8	2.33	15,867	73	377	8.12	111	103	1,459.67				
Construction	2.35	610.4	0.97	25,915	53	157	367.0	1.11	15,580	32	179	7.97	60	114	1,433.26				
Other products	4.22	214.0	3.71	9,087	124	599	231.2	3.79	9,815	134	613	5.02	108	102	902.94				
Changes in inventories	3.21	-8.8	-0.36	-375	-25	-58	-7.3	-0.39	-308	-21	n.a.	-0.16	82	110	-28.32				
Acquisition's less disposals of valuables	3.91	1.0	0.32	41	n.a.	52	1.0	0.32	41	n.a.	52	0.02	100	100	3.74				
Balance of Exports and Imports	3.91	614.5	24.91	26,087	719	4,023	614.5	24.91	26,087	719	4,023	13.34	100	100	2,399.83				
Individual Consumption Expenditure by Households ^b	2.57	3,626.2	2.86	153,944	64	462	2,387.9	3.40	101,372	42	550	51.86	66	119	9,325.68				
Individual Consumption Expenditure by Households without Housing ^b	2.64	2,986.8	2.81	126,798	61	455	2,015.6	3.21	85,567	41	518	43.77	67	114	7,871.73				
Government Final Consumption Expenditure	2.03	1,224.5	3.47	51,985	147	560	636.7	2.91	27,029	76	470	13.83	52	84	2,486.55				
Domestic Absorption	2.59	6,017.5	2.48	255,459	72	401	3,990.2	2.67	169,395	46	432	86.66	66	108	15,583.52				
Total Consumption	2.48	4,763.6	2.97	202,229	73	480	3,024.5	3.29	128,401	48	531	65.68	63	111	11,812.23				

Reference Data

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

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