

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. Macau, China was among the 23 participating economies in the 2011 ICP.

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. The tables contain indicator for the 2017 and revised 2011 results of 22 and 23 participating economies of Asia and the Pacific, respectively. These include 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-Ététó-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

Per Capita Real Expenditure, 2017

(HK\$)

Expenditure Category	BAN	BHU	BRU	CAM	FIJ	HKG	IND	INO	LAO	MAL	MLD	MON	MYA	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE	AP
Gross Domestic Product	26,401	70,855	362,379	23,853	80,772	360,247	36,965	66,419	43,944	153,532	112,187	67,241	26,519	17,431	29,905	46,721	85,061	564,960	75,587	283,878	106,892	43,179	61,375
Actual Individual Consumption by Households^a	20,301	43,196	97,121	21,161	60,057	255,310	25,118	40,391	25,055	95,858	47,964	41,482	16,267	15,041	27,599	38,916	41,613	192,614	51,965	173,917	62,106	28,955	35,472
Food and non-alcoholic beverages	8,727	11,369	10,950	7,758	16,471	25,959	6,352	8,916	8,180	18,930	8,650	9,899	6,614	7,206	7,322	13,918	6,233	13,644	10,075	17,712	13,023	6,966	7,256
Food	8,748	10,702	9,993	7,527	15,796	24,354	6,373	8,019	6,990	18,342	7,589	9,169	6,509	7,230	7,066	12,656	6,075	11,938	10,006	16,504	11,450	6,758	7,038
Bread and cereals	3,407	2,535	2,219	2,357	3,012	2,525	1,346	1,791	1,786	2,443	1,312	1,207	1,232	2,412	1,641	4,027	902	1,922	3,219	3,430	2,219	1,850	1,468
Meat	474	936	1,706	1,146	1,832	7,956	194	1,339	1,803	2,722	570	4,440	1,008	817	679	2,364	1,850	2,302	157	3,038	1,481	1,829	1,126
Fish and seafood	1,314	400	2,460	1,089	1,410	4,437	378	1,535	1,139	3,481	3,880	7	1,298	164	76	3,025	558	1,720	1,765	2,370	1,716	1,025	734
Milk, cheese and eggs	487	2,197	1,130	669	1,534	938	1,361	959	420	2,459	729	2,752	337	900	1,916	1,050	488	976	1,046	1,349	939	306	947
Oils and fats	238	970	335	222	1,154	298	232	282	24	849	297	122	438	472	424	192	228	326	427	263	426	120	255
Fruit	258	467	665	390	402	2,020	1,101	729	327	2,248	652	80	729	349	286	494	583	1,400	654	2,724	996	408	774
Vegetables	1,549	2,392	698	757	4,897	1,537	1,149	512	855	1,768	505	323	1,027	1,614	1,029	869	1,184	1,180	870	2,014	3,046	617	1,151
Sugar, jam, honey, chocolate and confectionery	118	261	513	266	1,470	735	228	301	192	972	685	545	26	250	528	311	72	564	447	563	374	110	198
Food products n.e.c.	1,038	258	619	576	264	3,909	508	677	433	1,805	343	99	538	283	313	533	299	1,812	1,800	789	204	409	475
Non-alcoholic beverages	31	659	910	263	718	1,605	64	850	1,060	642	973	689	144	70	276	1,251	172	1,704	145	1,198	1,458	229	252
Alcoholic beverages, tobacco and narcotics	305	894	314	1,005	4,761	2,063	227	2,299	1,934	730	739	3,218	358	314	357	595	748	1,675	286	3,224	1,278	1,206	666
Alcoholic beverages	n.a.	290	n.a.	237	2,606	1,263	53	19	849	210	n.a.	828	44	111	n.a.	116	210	747	101	762	623	400	137
Tobacco and narcotics	513	711	522	1,047	985	800	232	4,255	715	661	1,194	3,060	523	210	652	691	685	1,074	226	3,287	618	866	782
Clothing and footwear	967	2,564	1,688	313	2,021	12,229	1,708	974	461	2,224	1,507	1,537	479	365	1,601	258	998	5,114	1,721	6,594	951	1,211	1,319
Housing, water, electricity, gas and other fuels ^a	4,591	7,690	19,297	3,398	7,159	39,868	4,131	5,901	3,826	19,182	8,083	5,717	3,865	2,474	7,376	5,444	6,922	25,209	7,577	26,629	7,885	6,230	5,994
Furnishings, household equipment and routine household maintenance	519	1,006	4,107	313	2,811	12,730	622	1,272	1,091	4,501	2,194	568	193	237	799	1,195	1,349	7,200	945	5,741	1,809	1,329	1,085
Health ^a	1,345	9,103	7,943	2,866	3,822	21,294	3,150	3,280	2,145	6,878	11,501	5,666	1,947	1,353	3,709	2,019	11,014	17,683	6,937	33,725	8,487	4,622	6,363
Transportation	747	4,244	9,967	1,124	5,410	16,963	3,043	4,667	997	11,273	2,426	3,282	438	256	1,166	3,555	4,278	20,003	7,362	18,335	6,146	2,630	3,644
Purchase of vehicles	55	942	1,644	215	1,150	2,425	289	613	274	1,459	237	565	43	64	92	346	1,378	3,191	6	3,671	1,040	826	751
Transport services	669	1,339	1,333	348	2,952	10,735	1,788	1,725	42	1,502	1,446	1,094	249	83	389	2,084	536	10,100	5,223	3,726	1,797	475	1,194
Communication	95	670	1,449	43	2,937	6,028	493	1,095	299	4,608	1,756	823	143	220	530	614	1,342	5,930	472	5,721	857	228	911
Recreation and culture ^a	233	730	3,471	368	762	26,263	152	1,070	269	3,972	1,179	973	127	441	740	488	1,564	22,894	3,538	11,760	1,882	899	1,039
Education ^a	1,845	5,470	32,719	4,151	8,565	16,354	3,113	6,519	5,541	10,159	7,803	11,362	1,958	1,812	3,166	5,850	5,850	21,049	10,092	17,606	11,637	7,012	4,862
Restaurants and hotels	447	887	4,774	939	579	22,555	375	3,668	1,710	10,152	4,447	766	646	280	617	1,288	1,507	21,731	1,393	13,164	5,556	1,322	1,427
Miscellaneous goods and services ^a	668	2,309	4,926	479	3,793	53,003	2,991	1,603	1,731	9,245	3,587	2,365	448	340	1,711	4,573	4,299	30,468	6,878	24,545	6,767	1,052	3,549
Net purchases abroad	-	-	5,074	134	-	-	-54	-	-689	-1,881	-	249	-	-18	-	-	-	-647	-832	-	-	-1,143	-69
Individual Consumption Expenditure by Government	502	8,087	34,673	1,899	6,002	13,756	1,163	3,668	2,900	11,798	11,761	10,191	1,293	516	1,565	3,014	9,286	20,109	10,255	29,420	13,057	4,302	5,034
Collective Consumption Expenditure by Government	1,374	14,383	113,259	898	10,782	21,618	2,063	4,860	9,112	10,660	12,499	8,637	5,225	1,405	2,056	2,909	5,253	45,883	6,778	21,714	9,640	4,178	4,003
Gross Capital Formation	6,657	25,679	125,485	2,340	14,473	79,409	10,878	20,257	12,004	37,378	51,636	16,727	7,296	5,900	3,915	9,839	35,536	161,305	21,044	51,425	21,775	9,421	20,936
Gross fixed capital formation	6,616	25,672	132,105	2,240	13,726	77,924	9,339	20,099	12,042	37,035	50,477	13,066	7,026	4,033	3,505	9,799	34,209	151,506	15,270	51,992	22,173	8,435	19,795
Machinery and equipment	946	3,588	26,197	535	5,300	21,838	1,627	1,657	1,763	6,329	10,950	2,566	1,556	529	695	2,137	4,663	31,125	4,416	13,862	7,234	1,109	2,972
Construction	7,884	29,896	119,441	1,991	5,913	48,761	7,335	25,156	9,128	32,637	46,048	8,850	5,754	3,541	2,354	7,146	31,208	71,169	10,519	23,251	11,997	9,326	17,659
Other products	18	452	5,114	14	599	7,326	1,027	852	1,740	2,786	905	1,671	343	461	450	854	3,006	35,425	438	9,072	1,022	265	1,751
Changes in inventories	35	-58	-6,345	74	779	1,485	1,184	233	0	384	1,384	3,765	291	1,954	430	50	1,396	9,996	5,140	-667	-300	1,012	1,050
Acquisitions less disposals of valuables	-	14	-	18	-	-	198	-	-	38	-	1	-	1	-	-	-	-	321	43	-	-	71
Balance of Exports and Imports	-892	-5,544	30,743	-12	-1,707	3,910	-438	307	-499	5,317	1,293	669	-709	-2,282	-1,257	-2,294	1,185	118,442	-2,282	24,246	7,253	519	619

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Table continued

Expenditure Category	BAN	BHU	BRU	CAM	FIJ	HKG	IND	INO	LAO	MAL	MLD	MON	MYA	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE	AP
Individual Consumption Expenditure by Households ^b	19,282	36,422	71,556	19,097	53,908	241,555	23,954	36,471	22,065	84,526	38,688	33,862	14,750	14,212	25,791	35,630	33,620	172,694	43,335	147,894	51,232	25,088	30,933
Individual Consumption Expenditure by Households without Housing ^b	16,606	31,349	61,494	16,141	46,641	208,079	20,609	31,320	18,994	72,779	33,154	29,051	12,714	12,230	22,152	30,706	28,893	148,442	37,342	126,730	44,216	21,575	26,597
Government Final Consumption Expenditure	1,966	22,991	149,626	2,592	17,113	35,374	3,294	8,558	12,806	22,237	24,196	18,416	7,046	2,035	3,649	5,882	14,144	66,233	16,177	50,555	21,978	8,358	8,905
Domestic Absorption	28,305	83,514	312,153	24,017	84,339	356,337	38,109	66,230	45,250	144,364	110,671	66,331	28,383	22,497	32,736	51,459	83,633	397,138	80,834	245,684	93,248	42,370	60,855

Reference Data																							
Exchange rate (Local Currency Units/Hong Kong dollar)	10.32	8.36	0.18	519.75	0.27	1.00	8.36	1,716.98	1,071.64	0.55	1.97	313.06	174.56	13.41	13.53	6.47	0.87	0.18	19.56	3.91	4.36	2,870.44	
Total Population (in million)	161.80	0.73	0.43	15.85	0.88	7.39	1,309.20	261.89	6.90	32.02	0.49	3.15	53.15	28.83	199.11	104.92	1,386.40	5.61	21.44	23.56	67.65	94.24	

0 = magnitude is less than half of the unit employed; - = magnitude equals zero; AP = Asia and the Pacific; BAN = Bangladesh; BHU = Bhutan; BRU = Brunei Darussalam; CAM = Cambodia; FIJ = Fiji; HKG = Hong Kong, China; IND = India; INO = Indonesia; LAO = Lao People's Democratic Republic; MAL = Malaysia; MLD = Maldives; MON = Mongolia; MYA = Myanmar; n.a. = not applicable; n.e.c. = not elsewhere classified; NEP = Nepal; PAK = Pakistan; PHI = Philippines; PRC = People's Republic of China; SIN = Singapore; SRI = Sri Lanka; TAP = Taipei, China; THA = Thailand; VIE = Viet Nam.

Note: 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.

^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. For exchange rates: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 17 September 2019). Data for population refers to mid-year estimates supplied by the participating economies for the International Comparison Program.

2017 International Comparison Program for Asia and the Pacific

Per Capita Real Expenditure, 2011 (Revised)

(HK\$)

Expenditure Category	BAN	BHU	BRU	CAM	FIJ	HKG	IND	INO	LAO	MAC	MAL	MLD	MON	MYA	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE	AP
Gross Domestic Product	14,715	39,896	439,565	13,888	47,339	273,549	23,589	48,211	22,951	627,887	111,962	66,359	46,365	17,669	11,270	22,680	29,803	54,043	418,895	47,607	213,157	72,134	23,874	40,517
Actual Individual Consumption by Households ^a	11,770	21,456	70,526	12,331	35,883	182,347	15,558	29,019	14,394	139,419	62,327	24,814	28,936	11,616	9,773	20,922	24,430	23,940	141,677	38,396	135,339	47,858	15,995	22,320
Food and non-alcoholic beverages	4,831	5,525	8,884	4,394	11,562	19,439	4,257	6,929	3,855	8,963	10,819	5,385	6,504	5,044	4,786	7,311	8,735	4,273	9,397	8,263	13,639	10,019	3,811	5,029
Food	4,855	5,345	7,974	4,244	10,997	18,647	4,248	6,409	3,408	8,530	10,394	4,731	6,042	5,022	4,787	7,133	7,966	4,169	8,205	8,201	12,735	8,890	3,690	4,884
Bread and cereals	1,920	1,326	1,991	1,331	2,134	1,711	955	1,740	760	1,312	1,307	962	609	1,133	1,823	1,406	2,605	789	1,316	2,649	2,471	1,637	1,025	1,102
Meat	266	530	1,365	690	1,347	6,350	109	731	956	2,015	1,541	157	2,855	804	630	633	1,558	1,001	1,688	157	2,402	1,224	899	661
Fish and seafood	611	165	1,483	566	1,031	4,134	224	1,292	592	1,910	2,461	2,258	7	897	100	31	1,707	453	1,298	1,162	1,638	1,341	520	510
Milk, cheese and eggs	265	874	858	332	1,037	819	1,000	630	159	599	1,178	531	1,875	171	461	1,775	623	315	716	843	906	701	153	668
Oils and fats	135	423	244	129	483	271	213	258	15	185	583	158	99	235	282	606	129	140	201	338	217	399	81	207
Fruit	145	251	579	235	223	1,191	605	477	165	898	1,118	298	31	479	211	330	277	325	822	341	2,206	754	221	449
Vegetables	1,014	1,473	654	486	3,809	1,140	705	560	525	1,026	944	328	443	1,061	911	1,213	569	967	833	678	2,184	2,573	441	875
Sugar, jam, honey, chocolate and confectionery	70	159	422	134	1,054	438	206	227	85	232	626	382	435	18	162	553	257	101	551	543	351	265	70	183
Food products n.e.c.	516	92	423	280	132	2,593	195	471	191	410	876	208	46	377	166	572	286	165	859	1,529	519	150	213	260
Non-alcoholic beverages	15	199	889	159	565	792	55	512	406	430	437	623	453	78	48	205	779	104	1,227	135	890	1,032	124	163
Alcoholic beverages, tobacco and narcotics	387	389	126	566	2,328	1,787	341	1,067	995	986	780	1,135	2,519	196	296	228	416	437	1,390	1,471	3,100	1,307	744	487
Alcoholic beverages	n.a.	108	n.a.	120	756	916	41	11	419	237	149	n.a.	637	31	77	n.a.	84	92	590	113	653	560	260	80
Tobacco and narcotics	728	341	237	623	1,431	871	517	2,189	285	1,013	924	2,133	2,146	258	257	429	482	478	887	2,564	3,439	619	461	651
Clothing and footwear	487	1,275	1,367	206	1,271	8,474	890	628	265	5,282	1,064	542	749	343	211	674	201	1,049	3,338	1,616	4,732	1,230	633	920
Housing, water, electricity, gas and other fuels ^a	3,010	4,299	9,602	1,983	6,111	29,727	2,957	5,099	2,178	23,684	13,878	4,962	4,417	2,466	1,536	6,617	3,941	4,400	20,359	5,715	21,456	6,787	3,553	4,229
Furnishings, household equipment and routine household maintenance	367	303	1,577	214	1,708	10,053	373	986	710	1,930	2,438	1,132	203	133	161	509	971	946	6,471	762	4,912	1,503	844	758
Health ^a	786	4,033	6,981	1,914	1,925	13,867	1,726	1,792	941	11,021	5,041	3,732	3,664	1,168	889	3,016	849	5,393	11,303	3,988	21,943	5,941	3,178	3,428
Transportation	347	1,905	13,169	727	2,662	12,769	1,687	3,314	1,089	11,188	7,609	1,126	5,001	257	156	1,031	2,396	1,603	15,773	5,136	15,051	5,739	1,008	1,921
Purchase of vehicles	25	484	3,846	189	282	2,645	210	576	346	4,567	1,203	77	984	26	38	103	230	504	2,308	51	4,337	1,207	265	393
Transport services	333	541	1,122	212	1,602	7,497	1,038	1,227	49	1,596	1,050	918	2,318	152	60	583	1,527	369	9,703	4,046	2,564	1,648	229	780
Communication	85	376	809	14	549	3,748	232	628	229	2,691	1,672	1,786	326	78	63	202	244	597	3,676	218	4,201	535	57	436
Recreation and culture ^a	48	838	2,840	221	512	20,567	99	949	143	10,411	2,949	375	497	92	252	150	288	1,160	21,666	2,448	8,890	1,399	523	767
Education ^a	1,265	3,555	21,547	2,285	5,115	12,057	1,786	5,016	2,479	14,356	8,908	3,424	8,553	1,540	1,074	1,799	3,086	2,760	13,985	4,322	14,052	7,029	3,883	2,730
Restaurants and hotels	250	263	2,534	580	359	17,703	253	2,201	1,236	21,979	6,250	677	364	558	181	159	857	1,308	15,690	807	9,922	4,351	720	1,064
Miscellaneous goods and services ^a	379	479	3,544	309	2,680	32,155	1,649	1,426	1,002	12,137	7,430	1,567	898	292	453	1,062	2,870	1,766	19,600	4,191	18,793	4,365	630	1,880
Net purchases abroad	-	-	5,272	86	-	-	-34	-	-96	12,765	-2,570	-	166	-	-15	-	-	-	-1,786	-121	-	-	-499	-45
Individual Consumption Expenditure by Government	340	5,635	26,252	1,449	3,352	9,203	977	3,053	1,326	18,957	10,204	4,420	7,527	382	516	966	1,462	5,917	13,760	5,365	19,635	8,125	2,377	3,393
Collective Consumption Expenditure by Government	636	8,315	97,009	668	5,252	14,627	1,895	3,557	3,045	24,643	8,945	15,845	5,047	2,705	635	1,948	1,509	3,366	26,967	3,795	17,920	6,357	2,154	2,845
Gross Capital Formation	3,618	20,599	111,087	1,465	10,013	66,043	7,546	15,218	6,872	79,459	24,387	20,569	21,854	4,642	3,462	2,491	5,700	24,992	122,125	12,147	48,730	18,173	7,013	15,021
Gross fixed capital formation	3,535	20,649	117,023	1,410	8,823	64,383	6,481	14,554	6,652	72,324	23,331	20,320	18,170	4,647	1,911	2,199	5,255	23,727	117,279	9,542	48,307	17,610	6,007	14,018
Machinery and equipment	487	5,182	36,917	361	4,324	28,218	1,319	1,839	614	14,330	6,715	6,017	7,444	1,282	290	421	1,122	5,312	35,363	3,586	17,244	7,716	1,025	3,150
Construction	4,032	18,128	79,510	1,153	3,377	30,292	5,578	15,499	5,439	63,182	14,564	16,355	8,198	3,258	1,544	1,678	3,886	19,263	65,905	6,024	21,107	8,363	6,041	11,427
Other products	65	499	7,382	72	482	5,873	523	802	1,442	3,373	2,760	-	1,566	381	295	309	670	1,761	18,214	165	8,554	554	249	1,080
Changes in inventories	94	-125	-5,478	43	1,193	1,660	629	727	255	7,214	1,020	304	3,749	16	1,610	308	460	1,332	5,393	1,938	443	638	1,029	885
Acquisitions less disposals of valuables	-	21	-	12	-	-	301	-	-	-	81	-	-	-	1	-	-	-	-	496	53	-	-	107
Balance of Exports and Imports	-531	-6,106	144,701	-8	-2,034	10,532	-648	711	-372	299,974	12,428	6,131	-6,367	-315	-1,374	-642	-674	1,127	115,480	-3,320	10,966	887	-495	568

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Table continued

Expenditure Category	BAN	BHU	BRU	CAM	FIJ	HKG	IND	INO	LAO	MAC	MAL	MLD	MON	MYA	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE	AP
Individual Consumption Expenditure by Households ^b	11,122	17,216	51,391	10,951	32,651	173,144	14,452	26,024	12,874	122,664	53,569	21,101	23,675	10,835	9,122	19,610	22,781	19,101	128,182	33,458	117,693	40,892	13,947	19,311
Individual Consumption Expenditure by Households without Housing ^b	9,455	14,734	44,026	9,229	28,121	148,713	12,383	22,281	11,042	103,027	45,929	17,914	20,208	9,306	7,822	16,843	19,564	16,372	109,759	28,736	100,474	35,150	11,935	16,547
Government Final Consumption Expenditure	1,000	14,038	124,044	1,936	8,651	23,830	2,941	6,577	4,601	43,569	18,810	20,751	12,036	3,436	1,151	2,983	2,937	8,884	40,966	8,763	37,301	14,002	4,427	6,099
Domestic Absorption	16,014	51,287	257,096	14,209	50,881	263,017	25,193	48,092	24,166	242,793	95,413	58,807	56,971	18,682	13,865	24,430	31,417	53,181	286,479	54,286	200,968	72,094	25,278	40,527

Reference Data																									
Exchange rate (Local Currency Units/Hong Kong dollar)	9.53	6.00	0.16	521.39	0.23	1.00	6.00	1,126.73	1,031.61	1.03	0.39	1.88	162.58	105.08	9.51	11.09	5.56	0.83	0.16	14.20	3.79	3.92	2,634.86		
Total Population (in million)	149.70	0.68	0.39	14.31	0.85	7.07	1,216.15	241.99	6.12	0.55	29.06	0.41	2.79	49.66	26.49	177.10	94.18	1,344.13	5.18	20.20	23.19	66.21	88.11		

-- = magnitude equals zero; AP = Asia and the Pacific; BAN = Bangladesh; BHU = Bhutan; BRU = Brunei Darussalam; CAM = Cambodia; FIJ = Fiji; HKG = Hong Kong, China; IND = India; INO = Indonesia; LAO = Lao People's Democratic Republic; MAC = Macau, China; MAL = Malaysia; MLD = Maldives; MON = Mongolia; MYA = Myanmar; n.a. = not applicable; n.e.c. = not elsewhere classified; NEP = Nepal; PAK = Pakistan; PHI = Philippines; PRC = People's Republic of China; SIN = Singapore; SRI = Sri Lanka; TAP = Taipei, China; THA = Thailand; VIE = Viet Nam.

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

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