

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

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

The results presented in these tables are produced by the ICP RIA for Asia and the Pacific, based on data supplied by all the participating economies, and in accordance with the methodology recommended by the ICP Technical Advisory Group and approved by the Asia and the Pacific Regional Advisory Board. As such, these results are not produced by participating economies as part of the economies' official statistics.

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

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

## 2017 International Comparison Program for Asia and the Pacific

### Per Capita Real Expenditure Index, 2017

(Asia and the Pacific = 100)

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	43	115	590	39	132	587	60	108	72	250	183	110	43	28	49	76	139	921	123	463	174	70	100
Actual Individual Consumption by Households <sup>a</sup>	57	122	274	60	169	720	71	114	71	270	135	117	46	42	78	110	117	543	146	490	175	82	100
Food and non-alcoholic beverages	120	157	151	107	227	358	88	123	113	261	119	136	91	99	101	192	86	188	139	244	179	96	100
Food	124	152	142	107	224	346	91	114	99	261	108	130	92	103	100	180	86	170	142	234	163	96	100
Bread and cereals	232	173	151	161	205	172	92	122	122	166	89	82	84	164	112	274	61	131	219	234	151	126	100
Meat	42	83	152	102	163	707	17	119	160	242	51	394	90	73	60	210	164	205	14	270	132	162	100
Fish and seafood	179	54	335	148	192	604	52	209	155	474	529	1	177	22	10	412	76	234	241	323	234	140	100
Milk, cheese and eggs	51	232	119	71	162	99	144	101	44	260	77	290	36	95	202	111	51	103	110	142	99	32	100
Oils and fats	93	380	131	87	452	117	91	111	10	333	116	48	172	185	166	75	89	128	167	103	167	47	100
Fruit	33	60	86	50	52	261	142	94	42	291	84	10	94	45	37	64	75	181	85	352	129	53	100
Vegetables	135	208	61	66	425	134	100	44	74	154	44	28	89	140	89	76	103	103	76	175	265	54	100
Sugar, jam, honey, chocolate and confectionery	60	132	259	134	743	371	115	152	97	491	346	276	13	126	267	157	36	285	226	284	189	56	100
Food products n.e.c.	218	54	130	121	55	822	107	142	91	380	72	21	113	60	66	112	63	381	379	166	43	86	100
Non-alcoholic beverages	12	261	361	104	285	636	25	337	420	255	386	273	57	28	109	496	68	675	58	475	578	91	100
Alcoholic beverages, tobacco and narcotics	46	134	47	151	715	310	34	345	290	110	111	483	54	47	54	89	112	251	43	484	192	181	100
Alcoholic beverages	n.a.	212	n.a.	173	1,906	924	39	14	621	153	n.a.	605	32	82	n.a.	85	154	546	74	557	456	292	100
Tobacco and narcotics	66	91	67	134	126	102	30	545	91	85	153	391	67	27	83	88	88	137	29	421	79	111	100
Clothing and footwear	73	194	128	24	153	927	129	74	35	169	114	117	36	28	121	20	76	388	131	500	72	92	100
Housing, water, electricity, gas and other fuels <sup>a</sup>	77	128	322	57	119	665	69	98	64	320	135	95	64	41	123	91	115	421	126	444	132	104	100
Furnishings, household equipment and routine household maintenance	48	93	379	29	259	1,174	57	117	101	415	202	52	18	22	74	110	124	664	87	529	167	123	100
Health <sup>a</sup>	21	143	125	45	60	335	50	52	34	108	181	89	31	21	58	32	173	278	109	530	133	73	100
Transportation	21	116	274	31	148	466	84	128	27	309	67	90	12	7	32	98	117	549	202	503	169	72	100
Purchase of vehicles	7	125	219	29	153	323	38	82	36	194	32	75	6	9	12	46	183	425	1	489	139	110	100
Transport services	56	112	112	29	247	899	150	144	3	126	121	92	21	7	33	175	45	846	437	312	151	40	100
Communication	10	74	159	5	322	661	54	120	33	506	193	90	16	24	58	67	147	651	52	628	94	25	100
Recreation and culture <sup>a</sup>	22	70	334	35	73	2,528	15	103	26	382	113	94	12	42	71	47	151	2,204	341	1,132	181	87	100
Education <sup>a</sup>	38	113	673	85	176	336	64	134	114	209	161	234	40	37	65	120	120	433	208	362	239	144	100
Restaurants and hotels	31	62	335	66	41	1,581	26	257	120	711	312	54	45	20	43	90	106	1,523	98	923	389	93	100
Miscellaneous goods and services <sup>a</sup>	19	65	139	14	107	1,493	84	45	49	261	101	67	13	10	48	129	121	858	194	692	191	30	100
Net purchases abroad	-	-	-7,366	-194	-	-	79	-	1,001	2,731	-	-361	-	26	-	-	-	939	1,208	-	-	1,660	100
Individual Consumption Expenditure by Government	10	161	689	38	119	273	23	73	58	234	234	202	26	10	31	60	184	399	204	584	259	85	100
Collective Consumption Expenditure by Government	34	359	2,830	22	269	540	52	121	228	266	312	216	131	35	51	73	131	1,146	169	543	241	104	100
Gross Capital Formation	32	123	599	11	69	379	52	97	57	179	247	80	35	28	19	47	170	770	101	246	104	45	100
Gross fixed capital formation	33	130	667	11	69	394	47	102	61	187	255	66	35	20	18	50	173	765	77	263	112	43	100
Machinery and equipment	32	121	882	18	178	735	55	56	59	213	368	86	52	18	23	72	157	1,047	149	466	243	37	100
Construction	45	169	676	11	33	276	42	142	52	185	261	50	33	20	13	40	177	403	60	132	68	53	100
Other products	1	26	292	1	34	418	59	49	99	159	52	95	20	26	26	49	172	2,023	25	518	58	15	100
Changes in inventories	3	-6	-604	7	74	141	113	22	0	37	132	359	28	186	41	5	133	952	490	-64	-29	96	100
Acquisitions less disposals of valuables	-	20	-	25	-	-	279	-	-	53	-	1	-	2	-	-	-	-	451	61	-	-	100
Balance of Exports and Imports	-144	-895	4,966	-2	-276	632	-71	50	-81	859	209	108	-115	-369	-203	-371	191	19,132	-369	3,916	1,172	84	100

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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 <sup>b</sup>	62	118	231	62	174	781	77	118	71	273	125	109	48	46	83	115	109	558	140	478	166	81	100
Individual Consumption Expenditure by Households without Housing <sup>b</sup>	62	118	231	61	175	782	77	118	71	274	125	109	48	46	83	115	109	558	140	476	166	81	100
Government Final Consumption Expenditure	22	258	1,680	29	192	397	37	96	144	250	272	207	79	23	41	66	159	744	182	568	247	94	100
Domestic Absorption	47	137	513	39	139	586	63	109	74	237	182	109	47	37	54	85	137	653	133	404	153	70	100

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.

<sup>a</sup> Includes individual consumption expenditure by households, nonprofit institutions serving households, and government.

<sup>b</sup> 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 Index, 2011 (Revised)

(Asia and the Pacific = 100)

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	36	98	1,085	34	117	675	58	119	57	1,550	276	164	114	44	28	56	74	133	1,034	117	526	178	59	100
Actual Individual Consumption by Households <sup>a</sup>	53	96	316	55	161	817	70	130	64	625	279	111	130	52	44	94	109	107	635	172	606	214	72	100
Food and non-alcoholic beverages	96	110	177	87	230	387	85	138	77	178	215	107	129	100	95	145	174	85	187	164	271	199	76	100
Food	99	109	163	87	225	382	87	131	70	175	213	97	124	103	98	146	163	85	168	168	261	182	76	100
Bread and cereals	174	120	181	121	194	155	87	158	69	119	119	87	55	103	165	128	237	72	119	240	224	149	93	100
Meat	40	80	207	105	204	961	16	111	145	305	233	24	432	122	95	96	236	152	256	24	364	185	136	100
Fish and seafood	120	32	291	111	202	810	44	253	116	374	482	443	1	176	20	6	335	89	254	228	321	263	102	100
Milk, cheese and eggs	40	131	128	50	155	123	150	94	24	90	176	79	281	26	69	266	93	47	107	126	136	105	23	100
Oils and fats	65	205	118	63	234	131	103	125	7	89	282	76	48	114	136	293	62	68	97	164	105	193	39	100
Fruit	32	56	129	52	50	265	135	106	37	200	249	66	7	107	47	74	62	72	183	76	491	168	49	100
Vegetables	116	168	75	56	435	130	81	64	60	117	108	37	51	121	104	139	65	110	95	77	249	294	50	100
Sugar, jam, honey, chocolate and confectionery	38	87	231	73	577	240	113	124	46	127	343	209	238	10	89	303	141	55	302	297	192	145	38	100
Food products n.e.c.	199	35	163	107	51	997	75	181	74	158	337	80	18	145	64	220	110	63	330	588	200	58	82	100
Non-alcoholic beverages	9	122	544	97	346	485	34	313	248	263	268	381	277	48	29	126	477	64	751	83	545	632	76	100
Alcoholic beverages, tobacco and narcotics	80	80	26	116	478	367	70	219	204	202	160	233	517	40	61	47	85	90	285	302	636	268	153	100
Alcoholic beverages	n.a.	134	n.a.	149	944	1,143	51	14	523	296	186	n.a.	795	39	96	n.a.	105	115	736	141	814	699	324	100
Tobacco and narcotics	112	52	36	96	220	134	79	336	44	156	142	328	330	40	39	66	74	73	136	394	528	95	71	100
Clothing and footwear	53	139	149	22	138	922	97	68	29	574	116	59	81	37	23	73	22	114	363	176	515	134	69	100
Housing, water, electricity, gas and other fuels <sup>a</sup>	71	102	227	47	144	703	70	121	51	560	328	117	104	58	36	156	93	104	481	135	507	160	84	100
Furnishings, household equipment and routine household maintenance	48	40	208	28	225	1,326	49	130	94	255	322	149	27	18	21	67	128	125	854	101	648	198	111	100
Health <sup>a</sup>	23	118	204	56	56	405	50	52	27	321	147	109	107	34	26	88	25	157	330	116	640	173	93	100
Transportation	18	99	686	38	139	665	88	173	57	583	396	59	260	13	8	54	125	83	821	267	784	299	53	100
Purchase of vehicles	6	123	978	48	72	673	53	147	88	1,162	306	19	250	7	10	26	58	128	587	13	1,103	307	67	100
Transport services	43	69	144	27	206	962	133	157	6	205	135	118	297	19	8	75	196	47	1,244	519	329	211	29	100
Communication	20	86	185	3	126	859	53	144	52	617	383	409	75	18	14	46	56	137	842	50	963	123	13	100
Recreation and culture <sup>a</sup>	6	109	370	29	67	2,682	13	124	19	1,358	385	49	65	12	33	20	38	151	2,825	319	1,159	182	68	100
Education <sup>a</sup>	46	130	789	84	187	442	65	184	91	526	326	125	313	56	39	66	113	101	512	158	515	257	142	100
Restaurants and hotels	23	25	238	55	34	1,663	24	207	116	2,065	587	64	34	52	17	15	81	123	1,474	76	932	409	68	100
Miscellaneous goods and services <sup>a</sup>	20	26	189	16	143	1,711	88	76	53	646	395	83	48	16	24	56	153	94	1,043	223	1,000	232	34	100
Net purchases abroad	-	-	-11,616	-189	-	-	75	-	212	-28,122	5,662	-	-365	-	34	-	-	-	3,935	266	-	-	1,099	100
Individual Consumption Expenditure by Government	10	166	774	43	99	271	29	90	39	559	301	130	222	11	15	28	43	174	405	158	579	239	70	100
Collective Consumption Expenditure by Government	22	292	3,410	23	185	514	67	125	107	866	314	557	177	95	22	68	53	118	948	133	630	223	76	100
Gross Capital Formation	24	137	740	10	67	440	50	101	46	529	162	137	145	31	23	17	38	166	813	81	324	121	47	100
Gross fixed capital formation	25	147	835	10	63	459	46	104	47	516	166	145	130	33	14	16	37	169	837	68	345	126	43	100
Machinery and equipment	15	164	1,172	11	137	896	42	58	19	455	213	191	236	41	9	13	36	169	1,123	114	547	245	33	100
Construction	35	159	696	10	30	265	49	136	48	553	127	143	72	29	14	15	34	169	577	53	185	73	53	100
Other products	6	46	684	7	45	544	48	74	134	312	256	-	145	35	27	29	62	163	1,687	15	792	51	23	100
Changes in inventories	11	-14	-619	5	135	188	71	82	29	815	115	34	424	2	182	35	52	151	610	219	50	72	116	100
Acquisitions less disposals of valuables	-	19	-	11	-	-	282	-	-	-	76	-	-	-	1	-	-	-	-	466	50	-	-	100
Balance of Exports and Imports	-93	-1,074	25,456	-1	-358	1,853	-114	125	-65	52,771	2,186	1,079	-1,120	-55	-242	-113	-118	198	20,315	-584	1,929	156	-87	100

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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 <sup>b</sup>	58	89	266	57	169	897	75	135	67	635	277	109	123	56	47	102	118	99	664	173	609	212	72	100
Individual Consumption Expenditure by Households without Housing <sup>b</sup>	57	89	266	56	170	899	75	135	67	623	278	108	122	56	47	102	118	99	663	174	607	212	72	100
Government Final Consumption Expenditure	16	230	2,034	32	142	391	48	108	75	714	308	340	197	56	19	49	48	146	672	144	612	230	73	100
Domestic Absorption	40	127	634	35	126	649	62	119	60	599	235	145	141	46	34	60	78	131	707	134	496	178	62	100
<b>Reference Data</b>																								
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.

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.

<sup>a</sup> Includes individual consumption expenditure by households, nonprofit institutions serving households, and government.

<sup>b</sup> 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.