

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. Myanmar was among the 22 participating economies in the 2017 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 2021 ICP results and second for 2017 ICP (revised) results. The tables contain indicator for the 2021 and revised 2017 results of 21 and 22 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, other real expenditure measures such as actual individual consumption by households (AICH), which is the aggregate of ICEH, NPISH, and ICEG, is also presented. The five components of AICH which include ICEH, NPISH, and ICEG 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 consumption 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 2017 revised results 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.

The 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 that 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) <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	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	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) <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	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 at purchasers' prices <i>plus</i> CCEG 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; GFCF = gross fixed capital formation; ICEG = Individual consumption expenditure by government; ICEH = individual consumption expenditure by households; NPISH = nonprofit institutions serving households.

Source: Asian Development Bank (Economic Research and Development Impact Department).

2021 International Comparison Program for Asia and the Pacific

Gross Domestic Product, 2021

(billion local currency units)

Expenditure Category	BAN	BHU	BRU	CAM	FUJ	HKG	IND	INO	LAO	MAL	MLD	MON	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE	
Gross Domestic Product	37,510	205	19	110,506	9	2,868	227,243	16,976,751	184,982	1,549	81	43,555	4,543	61,230	19,411	114,924	583	17,600	21,663	16,189	8,479,667	
Actual Individual Consumption by Households ^a	26,071	125	6	78,008	8	2,007	147,541	10,111,243	90,826	1,007	45	25,594	3,921	54,230	15,642	51,095	191	11,664	11,302	10,105	5,066,959	
Food and nonalcoholic beverages	13,390	43	1	35,853	3	179	42,880	3,006,879	40,564	242	8	9,167	2,998	18,336	5,632	8,256	14	3,604	1,380	2,380	1,203,613	
Food	13,335	40	1	34,465	2	168	42,277	2,670,091	36,170	229	7	8,401	2,268	17,454	5,192	7,977	13	3,369	1,305	2,101	1,157,938	
Bread and cereals	5,945	11	0	10,540	1	19	9,589	696,978	10,992	38	1	994	828	3,234	1,841	1,110	2	957	289	451	324,980	
Meat	856	4	0	6,644	0	58	1,629	400,970	9,335	31	0	3,881	284	2,773	961	2,691	2	112	245	255	325,456	
Fish and seafood	1,706	1	0	4,307	0	31	2,888	400,049	5,582	36	1	3	58	108	844	666	2	226	171	236	157,248	
Milk, cheese and eggs	713	8	0	3,240	0	8	8,658	313,094	2,300	25	1	2,439	277	1,475	499	692	1	273	82	174	54,184	
Oils and fats	495	4	0	1,262	0	2	2,644	119,555	102	13	0	124	184	1,573	109	296	0	418	18	101	27,264	
Fruit	394	2	0	1,453	0	16	5,496	261,677	1,232	27	1	163	111	991	223	820	1	151	207	212	65,824	
Vegetables	1,415	9	0	3,888	1	13	5,408	176,057	7,222	26	1	322	361	1,548	418	1,132	2	302	212	587	96,150	
Sugar, jam, honey, chocolate and confectionery	189	1	0	981	0	5	1,313	98,939	892	12	0	401	93	1,211	139	270	1	86	29	60	19,147	
Food products n.e.c.	1,622	1	0	2,150	0	16	4,651	202,773	2,013	22	1	73	71	352	157	300	1	844	50	25	87,685	
Nonalcoholic beverages	55	4	0	1,388	0	11	603	336,788	4,394	13	1	766	31	882	440	279	1	235	76	279	45,675	
Alcoholic beverages, tobacco and narcotics	525	4	0	2,733	1	12	3,204	796,974	9,218	17	1	1,432	180	482	302	1,188	3	157	252	278	114,084	
Alcoholic beverages	n.a.	2	n.a.	1,474	1	6	784	10,853	7,908	7	n.a.	571	120	n.a.	95	352	1	78	56	169	86,706	
Tobacco and narcotics	525	2	0	1,259	0	6	2,420	786,122	1,310	9	1	860	59	482	207	836	2	78	196	109	27,378	
Clothing and footwear	1,570	6	0	1,815	0	84	8,210	319,886	1,267	27	1	884	118	3,726	259	2,312	5	449	473	292	134,192	
Housing, water, electricity, gas and other fuels ^a	4,286	13	1	10,657	1	338	18,529	1,061,805	11,761	150	12	2,830	505	11,742	1,874	8,524	30	1,077	1,900	894	611,942	
Furnishings, household equipment and routine household maintenance	850	4	0	1,344	0	104	4,015	392,667	5,296	43	2	621	72	1,796	414	1,870	8	240	500	359	249,119	
Health ^a	830	9	0	7,444	0	203	8,934	502,931	2,758	61	5	1,580	197	3,414	840	5,009	22	778	1,243	1,203	471,479	
Transportation	1,096	9	1	5,186	1	84	21,914	1,130,666	5,788	90	2	2,038	107	3,386	1,153	4,325	17	2,269	998	1,070	520,732	
Purchase of vehicles	188	3	0	1,901	0	19	2,748	409,108	2,794	21	1	1,012	67	232	236	1,651	7	12	387	331	317,512	
Transport services	752	3	0	1,420	0	32	11,440	188,281	285	3	1	235	23	1,400	553	465	5	1,449	115	242	91,785	
Communication	126	5	0	1,75	0	65	3,389	386,796	1,415	88	3	976	56	959	437	1,413	6	118	271	196	379,209	
Recreation and culture ^a	418	4	0	1,700	0	172	1,258	352,349	1,878	29	1	407	84	2,146	187	1,469	16	856	670	451	206,250	
Education ^a	1,335	13	1	5,308	1	141	12,053	774,163	4,573	76	5	2,701	179	2,958	1,289	6,230	17	455	809	937	443,535	
Restaurants and hotels	607	4	0	3,188	0	132	1,792	909,182	4,894	70	2	157	52	1,349	869	2,833	13	350	909	722	265,038	
Miscellaneous goods and services ^a	1,036	10	1	1,651	1	494	20,963	476,944	11,001	100	3	1,699	92	3,936	2,386	7,666	40	1,358	1,888	1,324	382,513	
Net purchases abroad	-	-	0	955	-	-	401	-	-9,587	15	-	-1,102	-19	-	-	-	-1	-47	7	-	-	85,252
Individual Consumption Expenditure by Government	214	18	1	5,219	1	144	8,774	667,278	3,878	110	7	2,508	141	2,368	1,034	7,142	22	893	1,596	1,568	411,902	
Collective Consumption Expenditure by Government	1,956	29	3	2,753	1	220	16,108	902,552	20,980	87	8	3,987	237	4,180	1,990	11,088	40	772	1,349	1,412	403,114	
Gross Capital Formation	12,203	91	7	31,285	2	481	69,073	5,516,747	84,136	342	20	14,846	1,936	9,294	4,104	49,750	140	6,466	5,938	4,678	2,999,831	
Gross fixed capital formation	11,833	90	6	25,281	2	483	65,339	5,227,854	84,137	298	23	11,688	1,345	8,247	4,325	48,378	130	6,429	5,692	3,840	2,658,069	
Machinery and equipment	2,048	46	3	11,687	1	109	22,497	841,406	23,742	93	11	4,728	470	3,159	1,071	11,106	36	1,193	2,327	2,120	689,690	
Construction	9,337	43	2	13,330	0	310	36,821	3,933,012	37,259	156	10	5,567	740	3,304	2,682	30,822	51	3,028	2,069	1,196	1,894,545	
Other products	453	1	1	264	0	64	6,022	453,436	23,136	49	2	1,393	135	1,785	572	6,450	43	408	1,295	524	73,834	
Changes in inventories	364	1	2	4,743	0	-2	-686	288,893	-1	43	-3	3,113	590	980	-222	1,371	10	1,749	240	839	341,763	
Acquisitions less disposals of valuables	1	0	-	1,261	-	-	4,419	-	-	1	-	45	1	67	1	-	-	87	6	-	-	9,762
Balance of Exports and Imports	-2,721	-39	2	-1,540	-2	160	-5,479	446,209	-10,960	112	8	-871	-1,550	-6,475	-2,325	2,991	212	-1,301	3,075	-6	-	9,762
Individual Consumption Expenditure by Households ^b	25,875	107	5	72,790	7	1,863	138,767	9,443,965	86,947	898	38	23,086	3,780	51,862	14,609	43,953	169	10,771	9,706	8,537	4,655,057	
Individual Consumption Expenditure by Households without Housing ^b	23,692	98	4	65,886	7	1,581	126,274	8,667,573	78,117	821	30	20,878	3,379	44,507	13,491	38,642	145	9,993	8,077	7,969	4,393,478	
Government Final Consumption Expenditure	2,170	46	4	7,971	2	364	24,882	1,569,830	24,859	197	15	6,495	378	6,548	3,024	18,230	62	1,665	2,945	2,980	815,016	
Domestic Absorption	40,231	244	16	112,046	11	2,708	232,722	16,530,542	195,942	1,437	73	44,427	6,094	67,705	21,736	111,932	371	18,901	18,588	16,195	8,469,905	
Total Consumption	28,027	153	9	80,761	9	2,227	163,649	11,013,796	111,806	1,095	53	29,581	4,158	58,411	17,633	62,183	231	12,435	12,651	11,517	5,470,073	

Reference Data:

Exchange rate (Local Currency Units/Hong Kong dollar)	10.95	9.51	0.17	527.23	0.27	1.00	9.51	1,840.51	1,247.48	0.53	1.98	366.52	15.20	20.92	6.34	0.83	0.17	25.58	3.60	4.11	2,979.15
Total Population (in million)	170.26	0.76	0.44	16.59	0.89	7.41	1,367.17	272.68	7.34	32.58	0.57	3.28	29.06	224.78	110.20	1,412.36	5.45	22.16	23.47	69.69	98.51

0 = magnitude is less than half of the unit employed; - = magnitude equals zero.

BAN = Bangladesh; BHU = Bhutan; BRU = Brunei Darussalam; CAM = Cambodia; FUJ = Fiji; HKG = Hong Kong, China; IND = India; INO = Indonesia; LAO = Lao People's Democratic Republic; MAL = Malaysia; MLD = Maldives; MON = Mongolia; 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.

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

^b Includes expenditure by nonprofit institutions serving households.

Notes:

1. Expenditure aggregates in local currency units presented 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.

2. 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

Gross Domestic Product, 2017 Revised

(billion local currency units)

Expenditure Category	BAN	BHU	BRU	CAM	FUJ	HKG	IND	INO	LAO	MAL	MLD	MON	MYA	NEP	PAK	PHI	PRC	SIN	SRI	TAP	THA	VIE
Gross Domestic Product	24,818	169	17	89,831	11	2,660	166,281	13,589,826	140,698	1,372	74	28,011	85,969	3,253	37,371	16,557	83,204	474	14,387	17,983	15,489	6,293,905
Actual Individual Consumption by Households ^a	16,872	90	4	69,926	8	1,886	106,744	8,261,823	83,378	848	39	17,266	50,359	2,630	32,364	12,614	37,271	186	9,066	10,645	8,772	3,772,574
Food and nonalcoholic beverages	8,650	34	0	33,240	2	192	31,911	2,405,595	36,227	172	6	5,055	26,785	1,526	10,610	4,029	6,465	11	2,436	1,194	2,047	920,085
Food	8,614	31	0	31,803	2	180	31,473	2,140,705	30,302	165	5	4,499	26,063	1,504	10,096	3,695	6,267	10	2,274	1,129	1,792	883,745
Bread and cereals	3,842	9	0	9,986	0	19	8,637	580,410	8,754	23	1	692	5,776	535	2,272	1,397	976	2	706	250	383	263,601
Meat	554	3	0	6,114	0	59	945	314,053	7,863	26	0	1,783	4,493	211	1,180	644	1,789	2	74	212	221	247,944
Fish and seafood	1,102	1	0	3,749	0	33	2,095	303,398	4,379	30	1	4	4,011	39	84	597	533	1	240	148	214	118,272
Milk, cheese and eggs	461	6	0	3,008	0	7	6,453	241,720	1,765	15	1	1,321	1,413	179	3,157	339	524	1	200	71	151	42,169
Oils and fats	320	3	0	1,163	0	2	1,315	93,428	112	8	0	70	2,052	121	838	77	263	0	170	16	85	21,363
Fruit	254	2	0	1,476	0	15	4,507	212,819	1,196	22	1	60	2,665	69	531	148	664	1	119	179	176	51,580
Vegetables	913	7	0	3,466	1	11	3,833	159,576	3,998	19	1	214	3,743	230	1,007	281	981	1	144	184	484	77,251
Sugar, jam, honey, chocolate and confectionery	1,046	1	0	971	0	5	1,084	83,082	686	6	0	304	120	60	680	92	214	0	76	25	55	14,845
Food products n.e.c.	36	3	0	1,437	0	12	438	264,890	5,925	8	1	555	722	22	513	335	198	1	162	65	255	36,340
Alcoholic beverages, tobacco and narcotics	338	3	0	2,463	1	15	2,207	581,287	7,032	15	1	1,178	1,089	101	319	275	886	3	149	206	285	80,967
Alcoholic beverages	n.a.	1	n.a.	1,444	1	9	571	11,388	5,960	6	n.a.	716	311	67	n.a.	86	330	1	67	58	179	61,744
Tobacco and narcotics	338	1	0	1,019	0	6	1,636	569,899	1,071	9	1	462	778	34	319	189	557	2	82	148	106	19,223
Clothing and footwear	1,015	7	0	1,469	0	90	6,440	273,621	1,752	25	1	909	1,947	77	2,592	247	1,998	5	664	431	116	96,303
Housing, water, electricity, gas and other fuels ^a	2,766	9	1	9,618	1	294	13,958	827,663	9,206	119	9	2,471	6,963	321	6,604	1,365	5,942	27	798	1,701	761	481,350
Furnishings, household equipment and routine household maintenance	546	4	0	1,254	0	94	2,921	333,415	4,320	40	2	359	738	49	1,208	368	1,643	7	199	448	336	184,979
Health ^a	705	6	0	4,906	0	157	5,648	313,022	2,562	46	4	1,053	2,855	112	2,181	584	3,656	18	422	1,022	813	266,227
Transportation	121	3	0	4,998	1	126	15,782	1,099,050	4,892	104	3	1,671	1,911	79	1,717	1,326	3,092	24	2,275	1,150	1,048	392,629
Purchase of vehicles	485	2	0	1,394	0	79	8,039	372,495	241	14	1	767	942	18	585	737	442	10	1,388	318	231	96,144
Transport services	81	3	0	1,67	0	44	2,315	309,093	1,471	60	2	544	834	32	637	332	1,262	7	95	312	174	260,180
Recreation and culture ^a	278	4	0	1,766	0	194	951	345,987	1,377	54	2	516	625	87	1,351	275	1,411	19	711	714	424	231,526
Education ^a	895	7	1	3,901	1	121	8,250	632,673	4,109	70	3	1,690	2,465	134	1,752	996	3,674	16	367	785	849	332,214
Restaurants and hotels	389	2	0	3,216	0	167	1,967	755,577	8,904	81	3	380	2,451	46	898	1,125	1,791	17	335	948	800	342,539
Miscellaneous goods and services ^a	666	5	1	1,947	1	390	14,976	384,839	6,623	95	2	1,248	1,695	76	2,494	1,692	5,451	31	964	1,652	1,119	269,716
Net purchases abroad	177	10	1	3,150	1	102	6,065	478,172	3,480	88	4	1,506	2,182	99	1,651	664	5,084	18	562	1,320	1,246	86,142
Individual Consumption Expenditure by Government	1,310	21	3	1,452	1	160	11,850	761,297	17,462	80	6	2,396	13,481	171	2,414	1,211	8,549	31	568	1,167	1,261	303,170
Collective Consumption Expenditure by Government	8,088	91	7	21,528	2	587	52,000	4,430,928	46,996	351	32	7,677	29,359	1,456	6,248	4,232	35,920	130	5,716	3,771	3,527	2,026,441
Gross Capital Formation	7,795	92	6	19,671	2	576	46,133	4,370,575	46,996	344	31	6,260	28,242	1,024	5,609	4,246	34,958	120	4,546	3,796	3,554	1,915,634
Gross fixed capital formation	1,831	32	3	11,460	1	161	16,240	690,539	13,262	99	13	2,447	11,997	358	2,268	1,394	9,814	17	1,134	1,460	2,070	482,740
Machinery and equipment	5,634	58	2	8,034	1	360	24,360	3,283,436	20,811	199	16	2,985	13,718	563	2,361	2,422	21,428	48	3,170	1,433	1,095	1,361,250
Construction	330	1	1	1,776	0	54	5,532	396,600	12,923	46	2	828	2,527	102	980	430	3,717	36	243	903	389	71,645
Other products	292	0	1	1,382	0	11	3,510	60,353	0	6	1	1,415	1,116	432	598	-15	962	10	990	-28	-27	110,806
Changes in inventories	1	0	0	-475	-	-	2,357	-	-	1	-	2	-	0	41	2	-	-	179	4	-	-
Acquisitions less disposals of valuables	-1,452	-34	2	-3,076	-1	27	-4,313	135,778	-7,138	94	-3	672	-7,230	-1,005	-3,655	-1,501	1,463	127	-963	2,400	1,929	160,177
Balance of Exports and Imports	16,695	80	3	66,776	7	1,784	100,679	7,783,651	79,898	760	34	15,760	48,177	2,532	30,713	11,951	32,187	168	8,505	9,326	7,526	3,469,404
Individual Consumption Expenditure by Households ^b	15,297	74	3	60,380	7	1,537	91,093	7,172,016	72,832	700	29	13,924	45,049	2,280	26,668	11,128	28,677	145	7,949	7,872	7,039	3,247,948
Individual Consumption Expenditure by Households without Housing ^b	1,486	31	4	4,602	2	261	17,916	1,239,470	20,941	167	11	3,902	15,663	270	4,066	1,875	13,633	49	1,130	2,487	2,507	637,883
Government Final Consumption Expenditure	26,270	202	14	92,906	12	2,633	170,595	13,454,048	147,836	1,278	77	27,338	93,198	4,257	41,026	18,057	81,740	347	15,350	15,584	13,560	6,133,727
Domestic Absorption	18,182	111	8	71,378	9	2,046	118,594	9,023,120	100,840	927	45	19,662	63,840	2,801	34,779	13,826	45,820	217	9,635	11,812	10,032	4,107,287
Total Consumption																						

Reference Data

Exchange rate (Local Currency Units/ Hong Kong dollar)	10.32	8.35	0.18	519.70	0.27	1.00	8.36	1,716.81	1,057.84	0.55	1.97	313.03	174.54	13.41	13.51	6.47	0.87	0.18	19.56	3.91	4.35	2,870.38
Total Population (in million)	162.70	0.73	0.43	15.75	0.88	7.39	1,310.22	261.36	6.90	32.02	0.49	3.10	53.39	28.01	207.68	104.17	1,396.22	5.61	21.44	23.56	68.89	94.29

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- For Myanmar, expenditure in local currency units and population estimates for 2017 were obtained from Central Statistical Organization Quarterly Bulletin. <https://www.csostatat.gov.mm/PublicationAndRelease/QuarterlyBulletin> (accessed 20 February 2024); data on exchange rate for 2017 was obtained from the International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 26 January 2024). Source: Asian Development Bank estimates.