

V. Transport and Communications

Transport and Communications features a discussion on air carrier departures and passenger traffic in Asia and the Pacific. Other data topics include container port traffic; road and rail networks; motor vehicle ownership, injuries, and fatalities; internet usage and penetration rates; mobile telephone subscriptions; and fixed telephone subscriptions.

The Asia and Pacific region has become the global leader in air carrier departures and passengers carried

In 2018, Asia and the Pacific was the busiest region in the world in terms of air carrier departures and passengers carried, accounting for 33.7% and 38.6%, respectively, of the global totals. By comparison, North America accounted for 30.0% and 22.6% of air carrier departures and passengers carried, respectively, and Europe 23.6% and 26.0% (ICAO 2018). Amid the COVID-19 pandemic, the International Civil Aviation Organization is forecasting that international seat capacity could drop by up to 75% for 2020 (ICAO 2019).

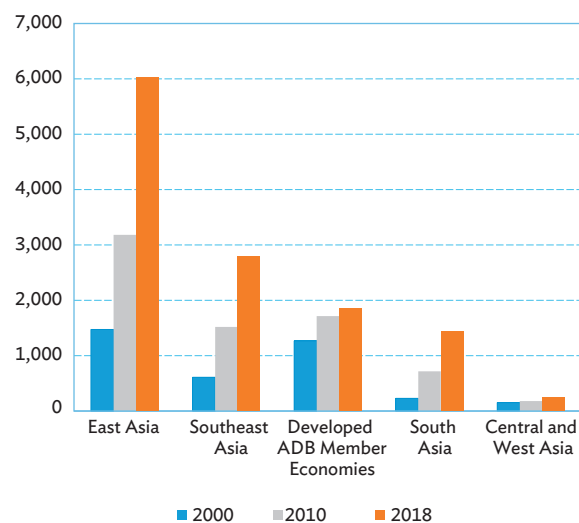
From 2000 to 2018, air carrier departures increased in 30 of 39 economies with available data (Table 2.5.6). The economies of Asia and the Pacific with the most air carrier departures in 2018 were the PRC (4.69 million); India (1.20 million); Japan (0.99 million); Indonesia (0.96 million); and Australia (0.67 million). For historical comparison, the most air carrier departures in 2000 were in Japan (0.65 million); Taipei, China (0.59 million); the PRC (0.57 million); Australia (0.38 million); and New Zealand (0.24 million).

The economies with the highest average annual growth rates in air carrier departures from 2000 to 2018 were Bangladesh (83.7%), Kazakhstan (52.0%), and Viet Nam (48.8%). The most notable

average annual declines in air carrier departures were observed in Fiji (−3.2%), Samoa (−2.1%), and Uzbekistan (−1.6%).

By subregion, average annual growth in air carrier departures from 2000 to 2018 was most pronounced in South Asia (29.3%), Southeast Asia (20.0%), and East Asia (17.2%) as demonstrated in Figure 2.5.1. Much lower average annual growth rates were observed in Central and West Asia (3.4%) and the developed ADB member economies (2.6%).

Figure 2.5.1: Air Carrier Departures by Subregion within Asia and the Pacific ('000)



ADB = Asian Development Bank

Note: The Pacific is not included due to multiple missing data.

Source: Table 2.5.6, Key Indicators for Asia and the Pacific 2020.

[Click here for figure data](#)

Data Issues and Comparability

Issues with data organization, collection, compilation, and dissemination affect the availability, quality, and timeliness of road statistics. Some regions, especially the Pacific, have incomplete or no data. The most recent road data are usually 2–3 years old at the time of review.

Most data on telephone and internet subscriptions came from questionnaires sent by the International Telecommunication Union to participating economies. Other information and reports were sourced from national ministries in charge of telecommunications and from staff estimates.

Transport

Table 2.5.1: Road Indicators—Network^a
(km)

ADB Regional Member	Primary	Class I	Class II	Class III	Below III	Other	Year ^b
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	-	10	2,549	-	1,461	-	2015
Armenia	-	147	721	58	40	-	2013
Azerbaijan	-	544	905	-	-	-	2017
Georgia	-	90	1,058	-	-	-	2017
Kazakhstan	-	557	5,407	6,389	475	-	2010
Kyrgyz Republic	-	-	303	1,324	136	-	2013
Pakistan	357	1,116	275	2,442	1,138	-	2015
Tajikistan	-	20	978	-	914	-	2015
Turkmenistan	-	60	-	2,120	24	-	2008
Uzbekistan	-	1,195	1,101	670	-	-	2008
East Asia							
China, People's Republic of	8,437	230	1,855	321	5	...	2015
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	457	423	40	-	-	-	2017
Mongolia	-	8	2,593	233	1,480	-	2017
Taipei, China	...	...	...	...	...	...
South Asia							
Bangladesh	-	321	1,680	44	5	-	2017
Bhutan	-	7	116	-	47	-	2017
India	90	7,067	1,071	3,556	117	-	2015
Maldives	...	...	...	...	...	...
Nepal	-	-	218	1,082	13	-	2013
Sri Lanka	-	60	545	45	-	-	2017
Southeast Asia							
Brunei Darussalam	...	...	...	...	...	...
Cambodia	-	-	633	1,321	-	-	2017
Indonesia	409	603	3,045	-	-	34	2010
Lao People's Democratic Republic	-	-	244	2,307	306	-	2010
Malaysia	795	61	817	-	-	-	2010
Myanmar	-	320	575	1,702	1,928	-	2015
Philippines	-	665	2,048	687	-	-	2017
Singapore	13	6	-	-	-	-	2015
Thailand	572	4,075	848	27	-	-	2017
Timor-Leste	...	...	...	...	...	...
Viet Nam	-	1,202	1,915	-	-	-	2017
The Pacific							
Cook Islands	...	...	...	...	...	...
Fiji	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...
Samoa	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...
Tonga	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...
Developed ADB Member Economies							
Australia	...	...	...	...	...	...
Japan	1,138	-	-	-	-	-	2015
New Zealand	...	...	...	...	...	...

... = data not available, - = magnitude equals zero, ADB = Asian Development Bank, km = kilometer.

a The road network refers to the Asian Highway that consists of highway routes of international importance within Asia, including highway routes substantially crossing more than one subregion; highway routes within subregions that connect neighboring subregions; and highway routes located within member states that provide access to (a) capital cities; (b) main industrial and agricultural centers; (c) major air, sea, and river ports; (d) major container terminals and depots; and (e) major tourist attractions. "Primary" class in the classification refers to access-controlled motorways. Access-controlled motorways are used exclusively by automobiles. Motorcycles, bicycles, and pedestrians will not be allowed to enter the motorway to ensure traffic safety and the high running speed of automobiles.

Class I refers to asphalt, cement, or concrete roads with four or more lanes.

Class II refers to double bituminous-treated roads with two lanes.

Class III is regarded as the minimum desirable standard usually described as a two-lane (narrow) road.

Roads classified below Class III are road sections below the minimum desirable standard.

b The year data were received by the Secretariat of the United Nations Economic and Social Commission for Asia and the Pacific.

Source: United Nations Economic and Social Commission for Asia and the Pacific. ESCAP Online Statistical Database. http://data.unescap.org/escap_stat/ (accessed 24 July 2019).

Table 2.5.2: Road Indicators—Vehicles

ADB Regional Member	Number of Registered Vehicles, 2016						
	Total	(per 1,000 people) ^b	By type ^a				Others
			Four-Wheeled Vehicles	Two- and Three-Wheeled Vehicles	Heavy Trucks	Buses	
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	655,357 (2013)	25.2	407,608	68,090	81,416	20,589	77,654
Armenia	300,091 (2010)	98.6	247,723	28	40,924	11,396	20
Azerbaijan	1,330,551	136.4	1,136,983	3,290	141,525	30,958	17,795
Georgia	1,126,470	302.2	919,199	63,083	93,497	50,691	-
Kazakhstan	4,383,120	246.3	3,835,609	9,692	439,167	98,652	-
Kyrgyz Republic	993,000 (2015)	168.4	...	...	...	...	...
Pakistan	18,352,500	92.3	2,835,400	13,538,200	259,900	229,200	1,489,800
Tajikistan	439,972	50.9	380,496	4,546	39,261	15,669	-
Turkmenistan	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...
East Asia							
China, People's Republic of ^c	294,694,457	213.1	...	...	...	...	...
Hong Kong, China	...	...	...	...	...	...	...
Korea, Republic of	25,680,967	501.4	17,338,160	2,180,688	3,492,173	892,539	1,777,407
Mongolia	841,537	271.5	547,299	42,751	175,648	6,823	69,016
Taipei, China ^d	21,871,240 (2018)	927.5	6,845,711	13,835,520	1,090,789	33,877	65,343
South Asia							
Bangladesh	2,879,708	17.9	613,149	1,980,246	158,379	64,608	63,326
Bhutan ^e	86,981 (2017)	119.6	56,232	9,786	12,891	681	7,391
India	210,023,289 (2015)	163.7	38,523,053	154,297,746	4,461,059	1,970,786	10,770,645
Maldives	92,983	196.8	14,314	75,053	3,438	178	-
Nepal	2,339,169 (2015)	83.7	187,014	1,547,312	56,250	52,388	496,205
Sri Lanka	6,795,469	320.5	717,674	4,815,617	762,912	104,104	395,162
Southeast Asia							
Brunei Darussalam	349,279 (2010)	903.0	...	...	...	...	...
Cambodia	3,751,715	245.1	97,239	2,714,193	57,321	5,972	876,990
Indonesia	128,398,594	496.3	...	...	...	...	...
Lao People's Democratic Republic	1,850,020	280.9	370,043	1,422,869	52,443	4,665	-
Malaysia	27,613,120	872.9	13,123,638	12,677,041	1,191,310	59,977	561,154
Myanmar ^e	6,381,136 (2017)	119.5	516,707	5,391,505	59,680	28,383	384,861
Philippines	9,251,565	89.6	3,434,329	5,329,770	407,357	29,794	50,315
Singapore	933,534	166.5	727,533	142,439	45,224	18,338	0
Thailand	37,338,139	547.1	15,003,774	20,497,296	1,055,717	157,799	623,553
Timor-Leste	146,596	120.2	24,438	108,409	1,120	207	12,422
Viet Nam	50,666,855	543.3	3,033,527	47,131,928	...	...	501,400
The Pacific							
Cook Islands	12,453 (2014)	676.8	5,085	6,846	491	31	-
Fiji	110,763	126.8	...	...	...	...	...
Kiribati ^e	3,706 (2017)	32.8	2,547	757	4	398	-
Marshall Islands	2,116 (2013)	39.5	1,917	52	26	63	58
Micronesia, Federated States of	5,673	54.6	5,436	25	55	62	95
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau	7,102 (2013)	408.2	...	...	...	...	...
Papua New Guinea	100,993	11.9	66,017	1,289	22,072	11,615	-
Samoa	25,235	128.8	23,557	95	1,184	326	73
Solomon Islands	...	...	...	...	...	...	...
Tonga	8,154 (2012)	78.9	6,039	184	1,882	49	-
Tuvalu	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...
Developed ADB Member Economies							
Australia	18,326,236	757.6	16,946,125	828,965	430,997	96,582	23,567
Japan	81,602,046	642.6	...	...	...	...	...
New Zealand	3,656,300	781.6	...	...	...	...	...

... = data not available, - = magnitude equals zero, ADB = Asian Development Bank.

a Figures by type refer to the year indicated in brackets in the "Total" column, unless otherwise specified.

b Calculated by dividing the total number of registered vehicles by the midyear population in thousands.

c The "per 1,000 people" calculation used end-of-year population data instead of midyear data.

d "Heavy Trucks" includes a combination of heavy and light trucks.

e For 2017, data covers only 1 January to April 30.

Sources: World Health Organization. 2018. Global Status Report on Road Safety 2018. Geneva. For the number of registered vehicles per 1,000 people: Asian Development Bank estimates. For Armenia and Brunei Darussalam: World Health Organization. 2013. Global Status Report on Road Safety 2013. Geneva. For Taipei, China: National Development Council. Statistical Data Book. <https://www.ndc.gov.tw/en/News.aspx?n=607ED34345641980&sms=B8A915763E3684AC> (accessed 3 July 2020).

Click on the indicator name in the table header to access the time series in the Key Indicators Database.

Transport

Table 2.5.3: Road Indicators—Safety

ADB Regional Member	Estimated Road Traffic Deaths, 2016		Road User Deaths, 2016 (%)				
	Total	Death Rate (per 100,000 population)	Four-Wheeled Vehicles	Two- and Three-Wheeled Vehicles	Cyclists	Pedestrians	Others
Developing ADB Member Economies							
Central and West Asia	44,846	14.3					
Afghanistan	5,230	15.0	...	...	...	...	...
Armenia	499	17.0	59.6	1.5	0.4	34.8	3.7
Azerbaijan	845	9.0	51.8	0.9	0.9	42.0	4.3
Georgia	599	15.0	44.9	0.5	0.7	26.5	27.4
Kazakhstan	3,158	18.0	59.8	4.3	1.7	30.9	3.3
Kyrgyz Republic	916	15.0	27.6	2.1	0.2	40.0	30.0
Pakistan	27,582	14.0	...	...	...	...	...
Tajikistan	1,577	18.0	57.4	...	2.3	40.3	-
Turkmenistan	823	15.0	...	...	...	...	...
Uzbekistan	3,617	12.0	...	...	...	...	...
East Asia^a	261,669	17.9					
China, People's Republic of	256,180	18.2	...	...	...	...	...
Hong Kong, China	...	...	...	...	...	39.9	...
Korea, Republic of	4,990	9.8	...	20.5	5.9	28.7	33.7
Mongolia	499	16.5	39.3	18.6	1.2	...	12.2
Taipei, China	...	...	...	...	...	...	...
South Asia	331,906	21.6					
Bangladesh	24,954	15.3	...	...	...	...	...
Bhutan	139	17.4	...	...	...	10.4	...
India	299,091	22.6	17.9	39.6	1.7	25.0	30.4
Maldives	4	0.9	-	75.0	-	...	-
Nepal	4,622	15.9	...	...	...	29.2	...
Sri Lanka	3,096	14.9	6.2	50.8	8.1	...	5.7
Southeast Asia^a	114,030	17.8					
Brunei Darussalam	...	...	...	...	...	...	...
Cambodia	2,803	17.8	6.2	73.5	2.3	9.6	8.4
Indonesia	31,726	12.2	4.9	73.6	3.2	15.5	2.7
Lao People's Democratic Republic	1,120	16.6	...	...	...	...	...
Malaysia	7,374	23.6	...	...	...	...	...
Myanmar	10,540	19.9	10.8	64.8	3.1	14.2	7.1
Philippines	12,690	12.3	0.3	4.7	0.1	1.0	93.9
Singapore	155	2.8	7.8	44.0	14.2	33.3	0.7
Thailand	22,491	32.7	12.3	74.4	3.5	7.6	2.3
Timor-Leste	161	12.7	...	...	...	...	...
Viet Nam	24,970	26.4	...	...	...	...	...
The Pacific^a	1,428	13.7					
Cook Islands	3	17.3	20.0	80.0	-	-	-
Fiji	86	9.6	63.3	...	...	36.7	-
Kiribati	5	4.4	40.0	20.0	-	40.0	-
Marshall Islands	...	...	...	...	...	...	...
Micronesia, Federated States of	2	1.9	50.0	-	-	50.0	-
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...
Papua New Guinea	1,145	14.2	52.5	...	...	47.5	-
Samoa	22	11.3	41.2	-	5.9	47.1	5.9
Solomon Islands	104	17.4	...	...	...	...	...
Tonga	18	16.8	66.7	-	-	27.8	5.6
Tuvalu	...	...	...	...	...	...	...
Vanuatu	43	15.9	...	...	...	...	...
Developed ADB Member Economies	6,939	4.4					
Australia	1,351	5.6	60.9	19.3	2.2	14.0	3.5
Japan	5,224	4.1	32.4	17.2	15.1	35.0	1.0
New Zealand	364	7.8	68.5	15.9	1.5	7.6	6.4
DEVELOPING ADB MEMBER ECONOMIES^a	753,879	19.0					
ALL ADB REGIONAL MEMBERS^a	760,818	18.4					

... = data not available, - = magnitude equals zero; ADB = Asian Development Bank.

a Regional aggregates include reporting economies only.

Source: World Health Organization. 2018. Global Status Report on Road Safety 2018. Geneva.

Table 2.5.4: Rail Indicators

ADB Regional Member	Rail Lines, Total Route (km)				Rail Network, Length per Land Area (km per km ² *000)			
	2000	2005	2010	2018	2000	2005	2010	2018
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	843.0	845.0 (2006)	826.1	843.0 (2019)	29.6	29.7 (2006)	29.0	24.1 (2017)
Azerbaijan	2,116.0	2,122.0	2,079.1	2,133.1	25.6	25.7	25.2	25.8
Georgia	1,562.0	1,336.0	1,566.4	1,285.0 (2017)	22.5	19.2	22.5	18.5 (2017)
Kazakhstan	13,545.0	14,204.0	14,184.1	16,060.8	5.0	5.3	5.3	5.9
Kyrgyz Republic	417.0	417.0	417.2	424.0 (2017)	2.2	2.2	2.2	2.2 (2017)
Pakistan	7,791.0	7,791.0	7,791.0	7,791.0	10.1	10.1	10.1	10.1
Tajikistan	533.0	617.0	620.7	620.0 (2017)	3.8	4.4	4.4	4.5 (2017)
Turkmenistan	2,521.0	2,529.0	3,115.0	7,680.0 (2017)	5.4	5.4	6.6	16.3 (2017)
Uzbekistan	3,645.0	4,014.0	4,227.2	4,642.0 (2017)	8.6	9.4	9.9	10.9 (2017)
East Asia								
China, People's Republic of	58,656.0	62,200.0	66,239.0	67,515.0	6.2	6.6	7.1	7.2
Hong Kong, China	...	113.0	...	...	...	107.6	...	...
Korea, Republic of	3,123.0	3,392.0	3,618.3	4,191.7 (2017)	32.4	35.0	37.2	43.0 (2017)
Mongolia	1,810.0	1,810.0	1,814.0	1,810.0 (2017)	1.2	1.2	1.2	1.2 (2017)
Taipei, China	1,190.0	1,336.0	1,743.0	1,836.0	33.2	37.2	48.6	51.2
South Asia								
Bangladesh	2,745.0	2,855.0	2,835.0	2,877.0 (2016)	21.1	21.9	21.8	22.1 (2016)
Bhutan	...	...	...	...	...	...	...	...
India	62,759.0	63,485.0	63,974.0	68,443.0	21.1	21.4	21.5	23.0
Maldives	...	...	...	...	...	...	...	...
Nepal	...	...	...	...	...	...	...	...
Sri Lanka	...	1,463.0 (2007)	1,148.3 (2011)	1,561.7 (2016)	...	23.3 (2007)	18.3 (2011)	24.9 (2016)
Southeast Asia								
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	601.0	650.0 (2004)	...	...	3.4	3.7 (2004)	...	...
Indonesia	...	3,370.0 (2006)	4,684.0	...	...	1.9 (2006)	2.6	...
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	1,636.0	1,667.0	2,209.7	...	5.0	5.1	6.7	...
Myanmar	...	...	...	...	...	...	...	...
Philippines	...	...	479.0 (2008)	509.0 (2016)	...	...	1.6 (2008)	1.7 (2016)
Singapore	...	...	...	...	...	...	...	...
Thailand	4,044.0	4,429.0 (2007)	4,458.0	...	7.9	8.7 (2007)	8.7	...
Timor-Leste	...	...	...	...	...	...	...	...
Viet Nam	3,142.0	3,147.0	2,576.6	2,382.0	10.1	10.1	8.3	7.7
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...
Samoa	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...
Developed ADB Member Economies								
Australia	9,499.0	9,528.0	8,615.4	...	1.2	1.2	1.1	...
Japan	29,799.0	20,052.3	20,140.3	16,851.7	81.8	55.0	55.2	46.2
New Zealand	...	...	...	...	...	...	...	...

... = data not available, ADB = Asian Development Bank, km = kilometer, km² = square kilometer.

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/indicator> (accessed 3 July 2020); and Asian Development Bank estimates. For Taipei, China: National Development Council. Statistical Data Book. <https://www.ndc.gov.tw/en/News.aspx?n=607ED34345641980&sms=B8A915763E3684AC> (accessed 3 July 2020).

Transport

Table 2.5.5: Railways—Passengers Carried and Goods Transported

ADB Regional Member	Passengers Carried (passenger-km million)				Goods Transported (t-km million)			
	2000	2005	2010	2017	2000	2005	2010	2017
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	47	27	50	25	354	654	346	689
Azerbaijan	493	878	917	468 (2018)	5,770	11,059 (2006)	8,250	4,633
Georgia	453	720	654	597	3,912	6,127	6,228	2,963
Kazakhstan	10,215	12,129	15,448	19,241	124,983	171,855	213,174	206,258
Kyrgyz Republic	44	60 (2006)	99	43	337	752 (2006)	738	935
Pakistan	18,495	24,238	20,619 (2011)	24,903 (2018)	3,612	5,014	1,757 (2011)	8,080 (2018)
Tajikistan	73	52 (2006)	33	28	1,326	1,220 (2006)	808	165
Turkmenistan	943	1,435 (2006)	1,811	2,340	7,588	10,441 (2006)	11,765	13,327
Uzbekistan	2,163	2,012	2,905	4,294	15,441	18,007	22,282	22,940
East Asia								
China, People's Republic of	441,468	583,320	791,158	681,203 (2018)	1,333,606	1,953,336	2,451,185	2,238,435 (2018)
Hong Kong, China	...	...	...	...	...	...	...	...
Korea, Republic of	28,097	31,004	33,012	23,002 (2018)	10,621	10,108	9,452	7,878 (2018)
Mongolia	1,070	1,289 (2006)	2,440	973	4,293	9,219 (2006)	20,574	13,493
Taipei, China	12,269 (2001)	19,066 (2008)	20,931	29,624 (2018)	1,010 (2001)	933 (2008)	873	544 (2018)
South Asia								
Bangladesh	3,941	4,164	7,304	10,040 (2016)	777	817	710	1,053 (2016)
Bhutan	...	...	...	...	...	...	...	...
India	430,666	575,702	903,465	1,149,835	305,201	407,398	600,548	620,175
Maldives	...	...	...	...	...	...	...	...
Nepal	...	...	...	...	...	...	...	...
Sri Lanka	3,208	4,358	4,574 (2011)	7,407 (2015)	127 (2003)	135	154 (2011)	127 (2015)
Southeast Asia								
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	45	45	...	...	92	...	...	...
Indonesia	19,228	14,345	20,340	25,654	4,997	4,390 (2006)	7,166	...
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	1,220	2,152	2,415	2,029	916	1,177	1,483	1,234
Myanmar	4,451	4,163 (2004)	...	...	1,222	885 (2004)	...	...
Philippines	123	83 (2004)	...	384 (2016)	1 (2003)	1 (2004)	...	...
Singapore	...	...	...	...	...	...	...	...
Thailand	9,935	9,195	8,187	...	2,247	4,037	2,701	...
Timor-Leste	...	...	...	...	...	...	...	...
Viet Nam	3,200	4,558	4,378	3,542 (2018)	1,921	2,928	3,901	3,989 (2018)
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...
Samoa	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...
Developed ADB Member Economies								
Australia	1,265	1,290	1,500	...	33,592	46,164	64,172	...
Japan	240,657	245,957	244,591	1,410 (2018)	21,800	22,632	20,255	21,265 (2016)
New Zealand	...	...	...	...	4,078	...	...	...

... = data not available, ADB = Asian Development Bank, km = kilometer, t = metric ton.

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/indicator> (accessed 30 June 2020). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. Statistical Yearbook. <https://eng.dgbas.gov.tw/ct.asp?xItem=41882&ctNode=2351&mp=2> (accessed 30 June 2020).

Table 2.5.6: Air Transport

ADB Regional Member	Carrier Departures Worldwide (takeoffs)				Freight (t-km million)				Passengers Carried (‘000)			
	2000	2005	2010	2018	2000	2005	2008	2018	2000	2005	2010	2018
Developing ADB Member Economies												
Central and West Asia^a	151,667	159,458	180,767	243,394	515.1	640.9	660.2	450.9	10,303	14,461	16,759	25,258
Afghanistan	3,409	...	21,677	24,433	7.8	...	108.0	29.6	150	...	1,999	1,723
Armenia	4,406	5,939	8,761	...	8.8	7.0	6.0	...	298	556	705	...
Azerbaijan	8,012	12,470	9,885	19,960	47.2	11.9	7.8	44.1	546	1,134	797	2,280
Georgia	1,906	4,673	2,803	7,108	2.0	2.8	0.9	0.8	118	249	164	516
Kazakhstan	8,041	17,302	33,483	83,287	11.8	15.8	42.4	50.2	461	1,160	3,098	7,144
Kyrgyz Republic	6,051	5,228	7,371	16,344	3.7	2.0	1.3	0.0(2017)	241	226	376	709
Pakistan	63,956	48,905	64,932	48,542	340.3	407.9	333.0	217.5	5,294	5,364	6,588	6,881
Tajikistan	3,953	6,987	5,710	4,021	2.0	3.7	1.0	2.3	168	479	617	492
Turkmenistan	21,858	14,094	3,221	18,184	11.9	10.1	6.2	16.9	1,284	1,654	301	2,457
Uzbekistan	30,075	22,183	22,924	21,514	79.6	71.6	153.7	89.4	1,745	1,639	2,114	3,057
East Asia^a	1,471,773	2,178,229	3,183,408	6,018,498	16,672.7	22,783.7	40,516.3	49,872.8	159,262	235,402	373,111	816,274
China, People's Republic of	572,921	1,349,269	2,377,789	4,692,008	3,900.1	7,579.4	17,193.9	25,256.2	61,892	136,722	266,293	611,440
Hong Kong, China	79,182	122,705	158,255	245,146	5,111.5	7,763.9	10,373.4	12,676.7	14,378	20,230	28,348	47,102
Korea, Republic of	226,910	221,424	280,427	526,374	7,651.3	7,432.6	12,942.7	11,929.6	34,331	33,888	36,988	88,158
Mongolia	6,200	5,332	6,528	7,777	8.4	6.1	3.9	7.8	254	295	391	670
Taipei, China ^b	586,560	479,499	360,409	547,193	1.3	1.8	2.3	2.5	48,407	44,268	41,091	68,904
South Asia^a	229,183	370,837	717,432	1,439,804	1,027.4	1,275.1	2,141.3	3,217.1	21,379	32,943	70,386	180,622
Bangladesh	6,313	7,399	19,300	101,383	193.9	183.5	164.4	63.8	1,331	1,634	1,819	5,984
Bhutan	1,138	2,467	3,053	5,187	0.0	0.3	0.4	0.7	34	49	182	276
India	198,426	330,484	623,197	1,200,111	547.7	774.0	1,631.0	2,704.0	17,299	27,879	64,374	164,036
Maldives ^c	5,970	4,520	4,971	26,789	13.2	0.0	0.0	7.7	315	82	85	1,147
Nepal	12,130	6,255	45,990	71,908	17.0	6.9	6.5	4.7	643	480	918	3,297
Sri Lanka	5,206	19,712	20,921	34,425	255.7	310.4	339.0	436.2	1,756	2,818	3,008	5,882
Southeast Asia^a	608,596	862,178	1,519,936	2,797,219	10,544.2	13,284.5	14,328.2	11,851.1	70,845	100,305	187,126	389,525
Brunei Darussalam	12,739	11,808	12,333	11,310	140.2	134.1	148.5	129.4	864	978	1,263	1,234
Cambodia ^d	4,648	3,207	5,105	14,387	4.1	1.2	0.0	0.7	125	169	278	1,411
Indonesia	159,027	320,724	520,932	959,307	408.5	439.8	665.7	1,131.9	9,916	26,836	59,384	115,154
Lao People's Democratic Republic	6,411	9,002	11,374	10,173	1.7	2.5	0.1	1.5	211	293	444	1,252
Malaysia	169,263	176,152	302,185	476,733	1,863.8	2,577.6	2,564.7	1,404.4	16,561	20,369	34,239	60,482
Myanmar	10,329	26,460	20,485	64,398	0.8	2.7	2.1	4.7	438	1,504	924	3,408
Philippines	44,547	58,944	205,318	292,450	289.9	322.7	460.2	835.9	5,756	8,057	22,575	43,080
Singapore	71,042	77,119	131,722	208,787	6,004.9	7,571.3	7,121.4	5,194.9	16,704	17,744	24,860	40,402
Thailand	101,591	124,347	201,306	475,886	1,712.9	2,002.4	2,938.7	2,666.3	17,392	18,903	28,781	76,053
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...
Viet Nam	28,999	54,415	109,176	283,787	117.3	230.2	426.9	481.4	2,878	5,454	14,378	47,050
The Pacific												
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	57,776	41,886	26,127	24,134	90.8	92.1	77.1	106.8	586	871	1,259	1,670
Kiribati	...	...	...	5,005	...	...	...	...	...	...	...	67
Marshall Islands ^c	2,324	3,083	3,480	2,244	0.2	0.3	0.3	0.1	16	26	28	24
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	342	842	...	...	6.3	7.9	...	...	30	45
Niue	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	27,512	19,606	32,741	41,545	22.3	21.1	28.5	30.9	1,100	819	1,405	965
Samoa ^c	10,877	11,439	12,492	6,848	2.2	1.8	1.6	0.0(2016)	164	267	271	138
Solomon Islands	11,481	12,318	7,388	14,365	1.0	0.8	2.5	3.8	75	91	143	428
Tonga ^e	3,814	5,255	...	...	0.0	0.0	...	...	52	75	...	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	1,402	1,580	17,212	11,723	1.8	1.8	0.2	1.7	102	112	248	375
Developed ADB Member Economies^a	1,267,647	1,203,836	1,715,265	1,852,829	11,219.9	11,775.3	11,105.8	12,797.6	152,482	158,888	183,553	219,304
Australia	382,514	342,509	572,906	665,384	1,730.7	2,444.6	2,938.3	2,027.6	32,578	44,657	60,641	75,668
Japan	645,087	651,858	934,487	999,594	8,672.0	8,549.2	7,698.8	9,420.7	109,123	102,279	109,617	126,388
New Zealand	240,046	209,469	207,872	187,851	817.1	781.5	468.6	1,349.3	10,781	11,952	13,295	17,249
DEVELOPING ADB MEMBER ECONOMIES^a	2,583,408	3,672,872	5,711,585	10,610,876	28,880.7	38,105.0	57,762.7	65,543.1	264,161	385,649	650,908	1,415,466
ALL ADB REGIONAL MEMBERS^a	3,851,055	4,876,708	7,426,850	12,463,705	40,100.6	49,880.3	68,868.5	78,340.7	416,643	544,538	834,461	1,634,771
WORLD	22,008,658	24,215,712	29,637,930	36,999,575	118,257.2	141,483.6	182,025.6	220,707.2	1,674,065	1,969,591	2,628,261	4,232,645

... = data not available, 0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank, km = kilometer, t = metric ton.

a For estimating regional aggregates, imputation was done for economies with missing data by substituting available data from the closest years.

b Carried departures worldwide are based on the number of aircraft movements, both domestic and international. Freight is based on millions of tons per kilometer.

c For all indicators, data for 2010 refer to 2009.

d For the freight indicator, data for 2000 refer to 2002.

e For all indicators, data for 2005 refer to 2004.

Sources: World Bank. World Development Indicators. <http://databank.worldbank.org/data/reports.aspx?source=world-development-indicators> (accessed 3 July 2020). For Taipei, China: National Development Council. Statistical Data Book 2019. https://www.ndc.gov.tw/en/News_Content.aspx?n=607ED34345641980&sms=B8A915763E3684AC&s=EEDF6690A4EE6CCB (accessed 3 July 2020).

Transport

Table 2.5.7: Container Port Traffic
(teu '000)

ADB Regional Member	2000	2005	2006	2007	2008	2009	2010	2013	2014	2015	2016	2017	2018
Developing ADB Member Economies													
Central and West Asia													
Afghanistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...	...	...	...	...	...
Azerbaijan	...	...	...	...	...	...	...	...	...	...	...	...	...
Georgia	...	...	...	185	254	182	210	226	256	222	222	285	285
Kazakhstan	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyrgyz Republic	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakistan	879	1,686	1,777	1,936	1,938	2,058	2,149	2,262	2,535	2,756	2,756	3,275	3,275
Tajikistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...	...	...	...	...	...	...
East Asia													
China, People's Republic of	41,000	67,245	84,811	103,823	115,942	108,800	142,970	175,936	186,679	195,277	199,552	216,684	225,829
Hong Kong, China	...	22,602	23,539	23,998	24,494	21,040	23,600	22,290	22,300	20,114	19,580	20,760	19,641
Korea, Republic of	9,030	15,113	15,514	17,086	17,418	15,700	19,456	23,711	24,819	25,354	26,153	27,416	28,945
Mongolia	...	...	...	...	...	...	...	...	...	...	...	...	...
Taipei, China	...	12,791	13,102	13,720	12,971	11,352	13,592	14,353	15,270	14,634	14,885	14,911	15,322
South Asia													
Bangladesh	456	809	902	978	1,091	1,182	1,350	1,489	1,643	2,045	2,377	2,587	2,827
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...	...
India	2,451	4,982	6,141	7,398	7,672	8,014	8,923	10,626	11,323	11,882	12,086	15,426	16,383
Maldives	...	...	...	48	54	56	50	80	84	84	82	87	89
Nepal	...	...	...	...	...	...	...	...	...	...	...	...	...
Sri Lanka	1,733	2,455	3,079	3,687	3,687	3,464	4,100	4,310	4,908	5,185	5,550	6,200	7,000
Southeast Asia													
Brunei Darussalam	...	...	...	...	90	86	93	122	128	128	125	133	139
Cambodia	...	...	...	253	259	208	224	230	342	392	400	645	742
Indonesia	3,798	5,503	4,316	6,583	7,405	7,255	9,692	11,862	11,620	11,979	12,479	12,710	12,853
Lao People's Democratic Republic	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia	4,642	12,198	13,419	14,829	16,094	15,923	18,142	21,377	22,645	24,260	24,570	23,784	24,956
Myanmar	...	...	...	170	180	164	335	567	717	827	1,026	1,120	1,288
Philippines	3,032	3,634	3,676	4,351	4,471	4,307	5,087	5,826	6,176	7,210	7,621	8,090	8,638
Singapore	17,100	23,192	24,792	28,768	30,891	26,593	29,147	33,388	34,688	31,710	32,668	33,667	36,600
Thailand	3,179	5,115	5,574	6,339	6,726	5,898	7,553	8,891	9,420	9,522	9,940	10,732	11,185
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...	...
Viet Nam	1,190	2,537	3,000	4,009	4,394	4,937	5,968	8,967	10,189	11,479	11,853	15,326	16,374
The Pacific													
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	87	88	260	89	89	89	93
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	282	255	262	283	279	279	279	279	335	341
Samoa	...	...	...	...	...	...	22	24	27	28	28	29	30
Solomon Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...	...
Developed ADB Member Economies													
Australia	3,543	5,191	5,742	6,290	6,102	6,200	6,412	7,180	7,405	7,634	7,690	8,010	8,747
Japan	13,100	17,055	18,470	19,165	18,944	16,286	19,548	21,050	21,139	20,577	20,785	22,055	22,434
New Zealand	1,067	1,603	1,807	2,312	2,318	2,325	2,526	2,891	3,003	3,173	3,165	3,189	3,329

... = data not available, - = magnitude equals zero, ADB = Asian Development Bank, teu = twenty-foot equivalent unit.

a For 2000, the figure refers to 2001.

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/indicator> (accessed 7 July 2020). For Taipei, China for 2005–2007: United Nations Conference on Trade and Development (UNCTAD). 2008 and 2010. Review of Maritime Transport. New York, New York: United Nations Publications; for 2008–2009: UNCTAD. UNCTADstat. <http://unctadstat.unctad.org/EN/> (accessed 15 August 2016); and for 2010–2018: UNCTAD. UNCTADstat. <http://unctadstat.unctad.org/EN/> (accessed 7 July 2020).

Table 2.5.8: Access to Fixed Telephone, Mobile Phones, and Internet
(‘000)

ADB Regional Member	Telephone Subscribers		Mobile Phone Subscribers		Fixed Broadband Subscribers	
	2000	2018	2000	2018	2000	2018
Developing ADB Member Economies						
Central and West Asia^a	9,374.1	13,993.4	1,232.2	272,649.2	20.1	11,859.4
Afghanistan	29.0	127.8	25.0 (2002)	21,976.4	0.2 (2004)	16.0
Armenia	533.4	477.9	17.5	3,579.3	0.0 (2001)	347.4
Azerbaijan	801.2	1,681.4	420.4	10,339.7	1.0 (2002)	1,890.9
Georgia	508.8	604.3	194.7	5,459.2	0.4 (2001)	840.6
Kazakhstan	1,834.2	3,350.9	197.3	26,065.6	1.0 (2003)	2,462.9
Kyrgyz Republic	376.1	331.1	9.0	8,735.2	0.0 (2002)	355.6
Pakistan	3,053.5	2,798.6	306.5	153,986.6	14.6 (2005)	1,811.4
Tajikistan	218.5	479.0 (2017)	1.2	9,904.0 (2017)	0.0 (2003)	6.0 (2017)
Turkmenistan	364.4	682.0 (2017)	7.5	9,377.0 (2017)	0.1 (2008)	5.0 (2017)
Uzbekistan	1,655.0	3,460.3	53.1	23,226.2	2.8 (2003)	4,123.5
East Asia^a	187,377.5	235,732.1	135,552.2	1,769,122.3	4,566.2	437,413.7
China, People's Republic of	144,829.0	192,085.0	85,260.0	1,649,301.7	22.7	407,382.0
Hong Kong, China	3,925.8	4,196.1	5,447.3	19,901.9	444.5	2,714.7
Korea, Republic of	25,863.0	25,906.8	26,816.4	66,355.8	3,870.0	21,285.9
Mongolia	117.5	369.9	154.6	4,222.0	0.0 (2001)	306.2
Taipei, China	12,642.2	13,174.3	17,873.8	29,340.9	229.0	5,725.0
South Asia^a	34,000.3	26,631.9	4,304.2	1,408,816.4	97.3	30,807.5
Bangladesh	491.3	1,449.6	279.0	161,771.6	43.7 (2007)	10,237.0
Bhutan	14.1	22.0	0.0	703.6	2.1 (2008)	10.8
India	32,436.1	21,868.2	3,577.1	1,176,021.9	50.0 (2001)	18,170.0
Maldives	24.4	18.8	7.6	857.9	0.2 (2002)	53.5
Nepal	266.9	799.4	10.2	39,178.5	1.0 (2006)	792.0
Sri Lanka	767.4	2,473.9	430.2	30,283.0	0.3 (2001)	1,544.3
Southeast Asia^a	24,857.4	30,271.7	22,109.1	857,004.0	91.9	39,674.5
Brunei Darussalam	80.5	82.6	95.0	565.9	1.9 (2001)	49.5
Cambodia	30.9	88.2	130.5	19,417.1	0.1 (2002)	166.2
Indonesia	6,662.6	8,303.5	3,669.3	319,434.6	4.0	8,874.1
Lao People's Democratic Republic	40.9	1,482.3	12.7	3,662.3	0.0 (2003)	45.4
Malaysia	4,628.0	6,433.3	5,121.7	42,413.4	4.0 (2001)	2,696.0
Myanmar	271.4	520.9	13.4	61,144.0	0.2 (2005)	129.1
Philippines	3,061.4	4,132.5	6,454.4	134,592.6	10.0 (2001)	3,919.7
Singapore	1,946.0	2,001.0	2,747.4	8,568.4	69.0	1,610.5
Thailand	5,591.1	2,929.0	3,056.0	125,098.0	1.6 (2001)	9,189.0
Timor-Leste	2.0 (2003)	2.2	20.1 (2003)	1,468.5	0.0 (2003)	0.6
Viet Nam	2,542.7	4,296.3	788.6	140,639.1	1.1 (2002)	12,994.5
The Pacific^a	211.2	288.8	72.6	6,157.9	12.9	49.7
Cook Islands	...	...	...	...	...	...
Fiji	86.4	76.5	55.1	1,033.9 (2017)	7.0 (2005)	13.0
Kiribati	3.4	0.0	0.3	58.8	0.3 (2005)	0.9
Marshall Islands	4.0	2.4 (2014)	0.4	16.0 (2017)	...	1.0 (2017)
Micronesia, Federated States of	9.6	6.9 (2017)	0.0	23.1 (2017)	0.0 (2003)	3.8 (2017)
Nauru	1.8	0.0 (2014)	1.2	10.0 (2017)	...	1.0 (2010)
Niue	1.1	1.0 (2015)	0.4	...	...	...
Palau	6.9 (2002)	7.2 (2015)	2.5 (2002)	23.7 (2015)	0.1 (2004)	1.2 (2015)
Papua New Guinea	64.8	158.0 (2017)	8.6	4,018.0 (2017)	3.0 (2008)	18.0 (2017)
Samoa	8.5	8.5 (2017)	2.5	124.2 (2017)	0.0 (2004)	1.7 (2017)
Solomon Islands	7.7	7.4	1.2	482.0	0.2 (2004)	1.5
Tonga	9.7	14.7	0.2	107.9	0.0 (2002)	2.5
Tuvalu	0.7	2.0 (2017)	0.0	8.0 (2017)	0.1 (2004)	0.5 (2017)
Vanuatu	6.6	4.2	0.4	251.4	0.0 (2003)	4.7
Developed ADB Member Economies^a	73,838.1	73,375.7	76,888.4	214,551.8	982.1	50,783.3
Australia	10,050.0	8,090.0	8,562.0	28,279.0	122.8 (2001)	7,640.0
Japan	61,957.1	63,525.7	66,784.4	179,872.8	854.7	41,496.3
New Zealand	1,831.0	1,760.0	1,542.0	6,400.0	4.7	1,647.0
DEVELOPING ADB MEMBER ECONOMIES^a	255,820.5	306,917.8	163,270.2	4,313,749.7	4,788.4	519,804.8
ALL ADB REGIONAL MEMBERS^a	329,658.6	380,293.5	240,158.6	4,528,301.5	5,770.5	570,588.1

... = data not available, - = magnitude equals zero, 0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank.

a Regional aggregates include reporting economies only. Imputation was done for economies with missing data by substituting available data from the closest years.

Source: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <https://www.itu.int/en/ITU-D/Statistics/Pages/publications/wtid.aspx> (accessed 9 July 2020).

Communications

Table 2.5.9: Access to Fixed Telephone, Mobile Phones, and Internet
(per 100 people)

ADB Regional Member	Fixed Telephone				Mobile Cellular				Fixed Broadband				Internet Users ^a			
	2000	2005	2010	2018	2000	2005	2010	2018	2000	2005	2010	2018	2000	2005	2010	2018
Developing ADB Member Economies																
Central and West Asia^b	4.0	5.6	5.8	4.0	0.5	9.5	63.0	78.3	...	0.0	0.9	3.7				
Afghanistan ^{c,d}	0.1	0.2	0.1	0.3	0.1	4.7	35.0	59.1	...	0.0	0.0	0.0	0.0	1.2	4.0	13.5
Armenia ^e	17.4	19.9	20.6	16.2	0.6	10.7	134.3	121.3	0.0	0.1	3.3	11.8	1.3	5.3	25.0	64.7
Azerbaijan	9.9	12.8	16.7	16.9	5.2	26.3	100.7	103.9	0.0	0.0	5.3	19.0	0.1	8.0	46.0	79.8
Georgia	11.7	13.5	27.1	15.1	4.5	27.9	97.1	136.4	0.0	0.1	4.5	21.0	0.5	6.1	26.9	62.7
Kazakhstan	12.3	17.6	25.0	18.3	1.3	35.0	119.4	142.3	...	0.0	5.4	13.4	0.7	3.0	31.6	78.9
Kyrgyz Republic ^e	7.6	8.7	9.0	5.3	0.2	10.7	97.3	138.6	0.0	0.0	0.4	5.6	1.0	10.5	16.3	38.0
Pakistan ^f	2.1	3.3	3.4	1.3	0.2	8.0	55.3	72.6	...	0.0	0.4	0.9	1.3	6.3	8.0	15.5
Tajikistan ^g	3.5	4.1	4.9	5.4	0.0	3.9	78.9	111.5	...	0.1	0.1	0.1	0.0	0.3	11.6	22.0
Turkmenistan ^g	8.1	8.4	10.2	11.8	0.2	2.2	62.9	162.9	...	...	0.0	0.1	0.1	1.0	3.0	21.3
Uzbekistan	6.7	6.8	6.6	10.7	0.2	2.7	73.5	71.5	...	0.0	0.4	12.7	0.5	3.3	15.9	55.2
East Asia^b	13.7	27.8	23.7	15.6	9.9	32.8	65.7	116.9	0.3	3.9	10.4	28.9				
China, People's Republic of ^e	11.2	26.3	21.5	13.5	6.6	29.6	62.8	115.5	0.0	2.8	9.2	28.5	1.8	8.5	34.3	54.3
Hong Kong, China	59.4	56.0	62.6	56.9	82.5	126.2	198.0	270.0	6.7	24.5	31.1	36.8	27.8	56.9	72.0	90.5
Korea, Republic of	54.6	49.1	57.6	50.6	56.6	78.7	102.5	129.7	8.2	25.0	34.7	41.6	44.7	73.5	83.7	96.0
Mongolia ^h	4.9	6.2	7.1	11.7	6.4	22.1	92.3	133.2	0.0	0.1	2.8	9.7	1.3	9.0	10.2	47.2
Taipei, China	57.6	63.8	70.9	55.5	81.4	97.6	120.1	123.7	1.0	19.1	22.9	24.1	28.1	58.0	71.5	86.2
South Asia^b	3.1	4.4	3.2	1.9	0.4	7.7	59.3	90.0	...	...	0.8	2.0				
Bangladesh ^e	0.4	0.8	0.9	0.9	0.2	6.5	46.0	100.2	...	0.0	0.3	6.3	0.1	0.2	3.7	15.0
Bhutan ^e	2.4	5.1	3.8	2.9	0.0	5.5	57.5	93.3	...	...	1.3	1.4	0.4	3.8	13.6	48.1
India ^e	3.1	4.4	2.8	1.6	0.3	7.9	60.9	86.9	0.0	0.1	0.9	1.3	0.5	2.4	7.5	34.5
Maldives ^e	8.7	10.1	7.8	3.6	2.7	63.7	135.2	166.4	0.1	1.0	4.3	10.4	2.2	6.9	26.5	63.2
Nepal ^e	1.1	1.9	3.1	2.8	0.0	0.9	34.0	139.4	...	0.0	0.2	2.8	0.2	0.8	7.9	34.0
Sri Lanka ^e	4.1	6.4	17.7	11.7	2.3	17.2	85.7	142.7	0.0	0.1	1.1	7.3	0.6	1.8	12.0	34.1
Southeast Asia^b	4.7	6.5	12.2	4.6	4.2	26.3	89.2	130.8	...	0.4	2.5	6.1				
Brunei Darussalam ^e	24.2	23.0	20.6	19.3	28.5	63.8	112.0	131.9	0.6	2.2	5.6	11.5	9.0	36.5	53.0	94.9
Cambodia	0.3	0.2	2.5	0.5	1.1	8.0	56.9	119.5	0.0	0.0	0.2	1.0	0.0	0.3	1.3	40.0
Indonesia	3.1	6.0	16.9	3.1	1.7	20.7	87.4	119.3	0.0	0.0	0.9	3.3	0.9	3.6	10.9	39.9
Lao People's Democratic Republic ^e	0.8	1.6	1.6	21.0	0.2	11.4	64.1	51.9	...	0.0	0.1	0.6	0.1	0.9	7.0	25.5
Malaysia	20.0	17.0	16.3	20.4	22.1	76.1	120.0	134.5	0.0	1.9	7.4	8.6	21.4	48.6	56.3	81.2
Myanmar ^f	0.6	1.0	1.0	1.0	0.0	0.3	1.2	113.8	...	0.0	0.0	0.2	0.0	0.1	0.3	30.7
Philippines ^e	3.9	3.9	3.5	3.9	8.3	40.3	88.5	126.2	0.0	0.1	1.9	3.7	2.0	5.4	25.0	60.1
Singapore	48.3	43.2	38.9	34.8	68.2	102.8	143.9	148.8	1.7	15.4	26.1	28.0	36.0	61.0	71.0	88.2
Thailand	8.9	10.8	10.2	4.2	4.9	46.6	106.7	180.2	0.0	0.8	4.8	13.2	3.7	15.0	22.4	56.8
Timor-Leste ^l	...	0.2	0.3	0.2	...	3.3	43.3	115.8	...	0.0	0.0	0.0	0.0	0.1	3.0	27.5
Viet Nam ^j	3.2	10.1	16.3	4.5	1.0	11.4	126.8	147.2	0.0	0.3	4.2	13.6	0.3	12.7	30.7	70.3
The Pacific^b	2.6	3.0	3.5	2.6	0.9	4.4	32.7	56.1	...	...	0.4	0.4				
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji ^k	10.7	13.7	15.1	8.7	6.8	25.0	81.2	117.8	...	0.9	2.7	1.5	1.5	8.5	20.0	50.0
Kiribati ^e	4.0	4.5	8.2	0.0	0.4	0.7	10.3	50.8	...	0.3	0.8	0.8	1.8	4.0	9.1	14.6
Marshall Islands ^l	7.9	10.1	...	4.1	0.9	1.2	...	27.6	...	...	...	1.7	1.5	3.9	7.0	38.7
Micronesia, Federated States of ^g	9.0	11.7	8.2	6.2	0.0	13.3	26.7	20.7	...	0.0	1.0	3.4	3.7	11.9	20.0	35.3
Nauru ^m	17.4	18.3	0.0	0.0	11.6	...	62.0	94.6	...	...	9.5	...	3.0	...	54.0	57.0
Niue ⁿ	55.3	62.4	61.8	61.8	21.6	37.9	...	...	...	...	...	...	26.5	51.7	77.0	...
Palau ^o	35.3	40.3	38.9	40.8	12.5	30.6	80.8	134.4	...	0.5	1.3	...	20.2	27.0	...	...
Papua New Guinea ^g	1.1	1.0	1.7	1.9	0.1	1.2	26.1	47.6	...	...	0.1	0.2	0.8	1.7	1.3	11.2
Samoa ^g	4.9	10.8	4.3	4.3	1.4	13.4	48.4	63.6	...	0.0	0.1	0.9	0.6	3.4	7.0	33.6
Solomon Islands ^e	1.9	1.6	1.6	1.1	0.3	1.3	21.9	73.8	...	0.1	0.5	0.2	0.5	0.8	5.0	11.9
Tonga ^e	9.9	13.6	29.8	14.2	0.2	29.6	52.2	104.6	0.0	0.6	1.1	2.4	2.4	4.9	16.0	41.2
Tuvalu ^p	7.0	8.9	11.4	17.6	0.0	13.0	15.2	70.4	...	1.5	2.3	4.0	5.2	10.0	25.0	49.3
Vanuatu ^e	3.6	3.3	3.0	1.4	0.2	6.1	71.9	85.9	...	0.0	0.2	1.6	2.1	5.1	8.0	25.7
Developed ADB Member Economies^b	49.1	45.8	50.4	46.8	51.1	77.6	97.1	136.8	0.7	16.8	26.2	32.4				
Australia ^e	52.9	50.2	48.0	32.5	45.1	91.3	101.6	113.6	0.6	10.0	24.9	30.7	46.8	63.0	76.0	86.5
Japan	48.6	45.2	51.0	49.9	52.4	75.2	95.9	141.4	0.7	18.2	26.5	32.6	30.0	66.9	78.2	91.3
New Zealand ^e	47.4	41.8	43.0	37.1	40.0	85.4	107.8	134.9	0.1	7.8	25.0	34.7	47.4	62.7	80.5	90.8
DEVELOPING ADB MEMBER ECONOMIES^b	7.9	14.7	13.1	7.8	4.9	20.7	66.7	105.7	...	1.7	4.8	12.8				
ALL ADB REGIONAL MEMBERS^b	9.7	16.1	14.6	9.3	6.8	23.0	67.9	106.9	...	2.4	5.7	13.5				

... = data not available, - = magnitude equals zero, 0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank.

a The reference population differs across countries. For example, some countries refer to population of people aged 6 years and older, some refer to 7 years and older, and others refer to ages from 16 to 74 years.

b Regional aggregates are derived from table 2.5.8 regional aggregate levels and population data from the United Nations' World Population Prospects 2019.

c For fixed telephone, data for 2005 refers to 2003. For internet users, data for 2000 refers to 2001 and data for 2018 refers to 2017.

d For mobile cellular, 2002 refers to the first non-zero available data.

e For internet users, data for 2018 refers to 2017.

f For internet users, data for 2000 refers to 2001. Data for 2018 refers to 2017.

g For fixed telephone, data for 2018 refers to 2017. For mobile cellular, data for 2018 refers to 2017. For fixed broadband, data for 2018 refers to 2017. For internet users, data for 2018 refers to 2017.

h For internet users, data for 2005 refers to 2007.

i For internet users, data for 2000 refers to 2002 and data for 2018 refers to 2017.

j For fixed telephone, data for 2005 refers to 2006.

k All aggregates for the Pacific region for 2018 refer to 2017.

l For mobile cellular, data for 2018 refers to 2017. For internet users, data for 2018 refers to 2017.

m For fixed telephone, data for 2005 refers to 2004 and data for 2018 refers to 2014. For mobile cellular, fixed broadband, and internet users, data for 2018 refers to 2017.

n For fixed telephone, data for 2018 refers to 2014. For mobile cellular, data for 2018 refers to 2017. For internet users, data for 2000 refers to 2001, data for 2010 refers to 2011, and data for 2018 refers to 2017.

o For fixed telephone, data for 2018 refers to 2015.

p For fixed telephone, data for 2000 refers to 2002 and data for 2018 refers to 2015. For mobile cellular, data for 2018 refers to 2015. For internet users, data for 2000 refers to 2002 and data for 2005 refers to 2004.

q For fixed telephone, mobile cellular, and fixed broadband, data for 2018 refers to 2017. For internet users, data for 2005 refers to 2007 and data for 2018 refers to 2017.

Sources: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <https://www.itu.int/en/ITU-D/Statistics/Pages/publications/wtid.aspx> (accessed 9 July 2020); and United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 15 July 2020).

Click on the indicator name in the table header to access the time series in the Key Indicators Database.