

V. Transport and Communications

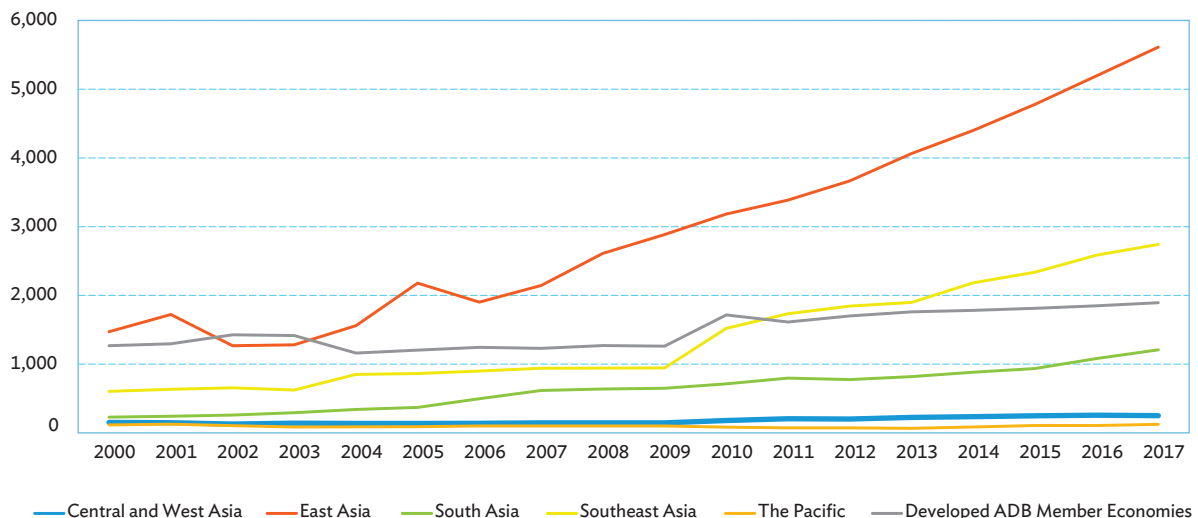
Transport and Communications features a discussion on air passenger traffic and carrier departures, as well as internet usage and penetration rates in Asia and the Pacific. Other data topics covered in the statistical tables include container port traffic; road and rail networks; motor vehicle ownership,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

Asia and the Pacific is the world’s busiest region for air passenger air traffic

Asia and the Pacific is the busiest region in the world in terms of air passenger traffic, as measured by the UN International Civil Aviation Organization. The region accounted for about 34% of global air passenger traffic in 2017, with an increase of nearly 11% over 2016. By comparison, Europe accounted for about 27% of global air passenger traffic in 2017, North America about 23%, the Middle East about 9%, Latin America and the Caribbean about 5%, and Africa about 2% (ICAO 2017).

This growth in air passenger traffic across Asia and the Pacific is reflected in the significant growth in air carrier departures in ADB developing member economies. In 31 of the 38 regional economies with available data, air carrier departures increased from 2000 to 2017 (Table 2.5.6). The economies with the highest average annual growth rates in air carrier departures over this period were Bangladesh (51.8%), Vanuatu (48.3%), and Viet Nam (47.8%). The most notable average annual declines in air carrier departures were observed in Fiji (-3.6%), Turkmenistan (-2.9%), and Uzbekistan (-1.6%).

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



ADB = Asian Development Bank.

Note: This chart treats unavailable data for economies as 0 for calculating the total number of take offs by subregion

Source: Table 2.5.6, Key Indicators for Asia and the Pacific 2019.

The developing member economies with the most air carrier departures in 2017 were the PRC (4.36 million); India (1.03 million); Indonesia (0.92 million); Taipei,China (0.51 million); and the Republic of Korea (0.50 million). By contrast, the most air carrier departures in 2000 were in Taipei,China (0.59 million); the PRC (0.57 million); the Republic of Korea (0.23 million); India (0.20 million); and Malaysia (0.17 million).

In terms of the subregions, annual growth in air carrier departures was most pronounced in South Asia (25.1%), Southeast Asia (20.8%), and East Asia (16.6%) as shown in Figure 2.5.1. Much lower annual growth rates were observed in Central and West Asia (3.8%), ADB's developed member economies (2.9%), and the Pacific (0.5%).

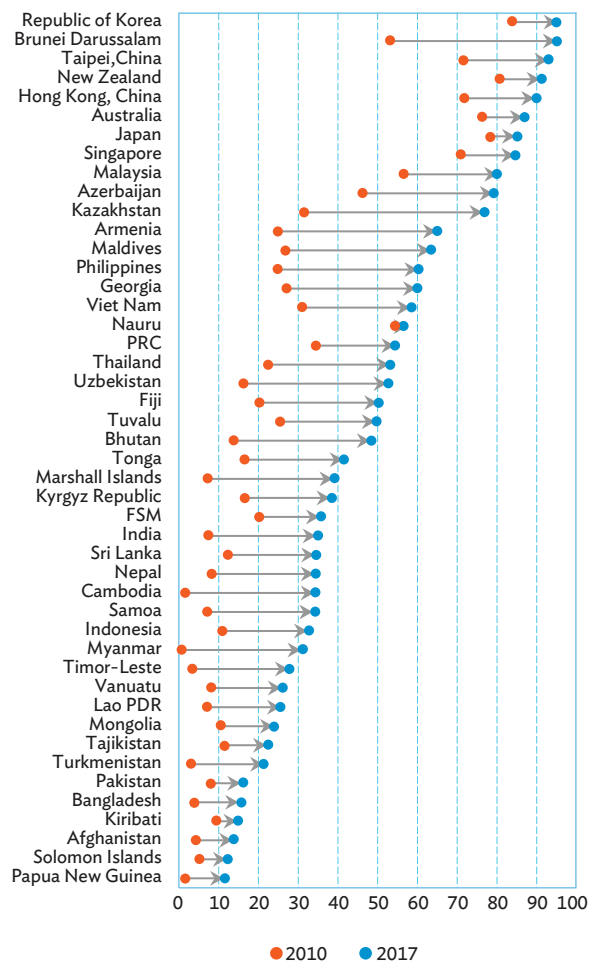
Internet use is spreading across Asia and the Pacific, with nearly half of all households connected to the internet in 2017; yet, a gender digital divide persists

According to the International Telecommunications Union, the proportion of households in Asia and the Pacific with internet access rose from about 28% in 2010 to more than 48% by 2017. However, a gender gap persists in terms of internet penetration rates for men and women in Asia and the Pacific. In 2017, the rates for males and females were 47.9% and 39.7%, respectively (ITU 2017).

From 2010 to 2017, of the 46 regional economies with available data, the largest gains in terms of internet users per 100 population were in Kazakhstan (44.8), Brunei Darussalam (41.9), and Armenia (39.7) as can be observed in Figure 2.5.2.

The eight economies with the highest internet use penetration rates per 100 population in 2017 were all high-income economies: the Republic of Korea (95.1); Brunei Darussalam (94.9); Taipei,China

Figure 2.5.2: Proportion of Internet Users in Select Economies of Asia and the Pacific
(per 100 population)



FSM = Federated States of Micronesia, Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China.

Note: Only economies with available data for both 2010 and 2017 are included.

Source: Table 2.5.9, Key Indicators for Asia and the Pacific 2019.

(92.8); New Zealand (90.8); Hong Kong, China (89.4); Australia (86.5); Japan (84.6); and Singapore (84.4).

Data Issues and Comparability

Issues with the data organization, collection, compilation, and dissemination affect the availability, quality, and timeliness of road statistics. Some subregions, 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 come from questionnaires sent by the International Telecommunication Union to

participating economies. Other information and reports are sourced from national ministries in charge of telecommunications, and 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
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	...	...	...	...	...	...	...
Timor-Leste	...	...	...	...	...	...	...
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 was 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). 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	93.9	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	501.6	17,338,160	2,180,688	3,492,173	892,539	1,777,407
Mongolia	841,537	272.4	547,299	42,751	175,648	6,823	69,016
Taipei, China ^{d,e}	21,704,365 (2017)	921.4	6,763,422	13,755,582	1,086,382	34,188	64,791
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	246.0	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	873.8	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	-
Thailand	37,338,139	553.5	15,003,774	20,497,296	1,055,717	157,799	623,553
Viet Nam	50,666,855	546.6	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	0.1	...	...	...	...	...
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	55.4	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	...	...	...	...	...	...	...
Timor-Leste ^e	146,596 (2016)	115.6	24,438	108,409	1,120	207	12,422
Tonga	8,154 (2012)	79.4	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	779.1	...	...	...	...	...

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

- a Figures refer to the same year indicated in the column for "Total" 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 The "Heavy Trucks" category includes a combination of heavy and light trucks.
e For 2017, data only covers 1 January to April 30.

Sources: World Health Organization. 2018. *Global Status Report on Road Safety 2018*. Geneva. For number of registered vehicles per 1,000 people in 2016: Asian Development Bank estimates. For Armenia and Brunei Darussalam: World Health Organization. 2013. *Global Status Report on Road Safety 2013*. Geneva. For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. 2018. *Statistical Yearbook 2017*. Nantou City. https://eng.dgbas.gov.tw/public/data/dgbas03/bs2/yearbook_eng/Yearbook2017.pdf (accessed 26 July 2019).

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							
Afghanistan	5,230	15	...	...	...	...	...
Armenia	499	17	59.6	1.5	0.4	34.8	3.7
Azerbaijan	845	9	51.8	0.9	0.9	42.0	4.3
Georgia	599	15	44.9	0.5	0.7	26.5	27.4
Kazakhstan	3,158	18	59.8	4.3	1.7	30.9	3.3
Kyrgyz Republic	916	15	27.6	2.1	0.2	40.0	30.0
Pakistan	27,582	14	...	...	...	...	...
Tajikistan	1,577	18	57.4	...	2.3	40.3	-
Turkmenistan	823	15	...	...	...	...	...
Uzbekistan	3,617	12	...	...	...	...	...
East Asia							
China, People's Republic of	256,180	18	...	...	...	...	...
Hong Kong, China	...	...	...	...	...	...	...
Korea, Republic of	4,990	10	...	20.5	5.9	39.9	33.7
Mongolia	499	17	39.3	18.6	1.2	28.7	12.2
Taipei, China	...	...	...	...	...	...	...
South Asia							
Bangladesh	24,954	15	...	...	...	...	...
Bhutan	139	17	...	...	...	...	...
India	299,091	23	17.9	39.6	1.7	10.4	30.4
Maldives	4	1	-	75.0	-	25.0	-
Nepal	4,622	16	...	...	...	...	...
Sri Lanka	3,096	15	6.2	50.8	8.1	29.2	5.7
Southeast Asia							
Brunei Darussalam	...	...	...	...	...	...	...
Cambodia	2,803	18	6.2	73.5	2.3	9.6	8.4
Indonesia	31,726	12	4.9	73.6	3.2	15.5	2.7
Lao People's Democratic Republic	1,120	17	...	...	...	...	...
Malaysia	7,374	24	...	...	...	...	...
Myanmar	10,540	20	10.8	64.8	3.1	14.2	7.1
Philippines	12,690	12	0.3	4.7	0.1	1	93.9
Singapore	155	3	7.8	44.0	14.2	33.3	0.7
Thailand	22,491	33	12.3	74.4	3.5	7.6	2.3
Viet Nam	24,970	26	...	...	...	...	...
The Pacific							
Cook Islands	3	17	20.0	80.0	-	-	-
Fiji	86	10	63.3	...	...	36.7	-
Kiribati	5	4	40.0	20.0	-	40.0	-
Marshall Islands	...	...	...	...	...	...	...
Micronesia, Federated States of	2	2	50.0	-	-	50.0	-
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...
Papua New Guinea	1,145	14	52.5	...	...	47.5	-
Samoa	22	11	41.2	-	5.9	47.1	5.9
Solomon Islands	104	17	...	...	...	...	...
Timor-Leste	161	13	...	...	...	...	...
Tonga	18	17	66.7	-	-	27.8	5.6
Tuvalu	...	...	...	...	...	...	...
Vanuatu	43	16	...	...	...	...	...
Developed ADB Member Economies							
Australia	1,351	6	60.9	19.3	2.2	14.0	3.5
Japan	5,224	4	32.4	17.2	15.1	35.0	1.0
New Zealand	364	8	68.5	15.9	1.5	7.6	6.4

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

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	2017	2000	2005	2010	2017
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	843.0	711.0 (2004)	826.07	685.6	29.6	29.7 (2006)	29.0	24.1
Azerbaijan	2,116.0	2,122.0	2,079.1	2,132.0	25.6	25.7	25.2	25.8
Georgia	1,562.0	1,336.0	1,566.4	1,285.0	22.5	19.2	22.5	18.5
Kazakhstan	13,545.0	14,204.0	14,184.1	16,040.3	5.0	5.3	5.3	5.9
Kyrgyz Republic	417.0	417.0	417.2	424.0	2.2	2.2	2.2	2.2
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	3.8	4.4	4.4	4.5
Turkmenistan	2,521.0	2,529.0	3,115.0	3,840.0	5.4	5.4	6.6	8.2
Uzbekistan	3,645.0	4,014.0	4,227.2	4,642.0	8.6	9.4	9.9	10.9
East Asia								
China, People's Republic of	58,656.0	62,200.0	66,239.0	67,278.0	6.2	6.6	7.2	7.2
Hong Kong, China	...	...	...	...	...	...	...	...
Korea, Republic of	3,123.0	3,392.0	3,618.3	4,191.7	32.4	35.0	37.2	43.0
Mongolia	1,810.0	1,810.0	1,814.0	1,810.0	1.2	1.2	1.2	1.2
Taipei, China	1,190.0	1,336.0	1,743.0	1,835.0	33.2	37.2	48.6	51.1
South Asia								
Bangladesh	2,745.0	2,855.0	2,835.0	...	21.1	21.9	21.8	...
Bhutan	...	...	...	...	...	...	...	...
India	62,759.0	63,485.0	63,974.0	67,368.0	21.1	21.4	21.5	22.7
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 (2010)	...	...	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	...
Viet Nam	3,142.0	3,147.0	2,576.6	2,367.0	10.1	10.1	8.3	7.6
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...
Samoa	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Timor-Leste	...	...	...	...	...	...	...	...
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	16,976.4	81.8	55.0	55.2	46.6
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 25 July 2019) and Asian Development Bank estimates. For Taipei, China: National Development Council. 2018. *Statistical Data Book*. Taipei City. <https://ws.ndc.gov.tw/Download.ashx?u=LzAwMS9hZG1pbmlzdHJhdG9yLzExL3JlbGZpbGUvNTgxNy8zMTc2MS82NDA0ZDUzOC1kZDc1LTQ0ZmMtYWYwMSJjODRkN2IxMjFjYjMucGRm&n=VGFpd2FuIFN0YXRpc3RpY2FslERhdGEgQm9vayAyMDE4LnBkZg%3d%3d&icon=.pdf> (accessed 26 July 2019).

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	467	5,770	10,374 (2007)	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 (2007)	738	935
Pakistan	18,495	24,238	20,619 (2011)	22,476	3,612	5,014	1,757 (2011)	5,031
Tajikistan	73	52 (2006)	33	28	1,326	1,274 (2007)	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	685,213	1,333,606	1,953,336	2,451,185	2,146,466
Hong Kong, China	...	...	...	...	...	...	...	...
Korea, Republic of	28,097	31,004	33,012	21,935	10,621	10,108	9,452	8,229
Mongolia	1,070	1,289 (2006)	2,440	973	4,293	8,361 (2007)	20,574	13,493
Taipei, China	12,269 (2001)	19,066 (2008)	20,931	29,004	1,010 (2001)	933 (2008)	873	515
South Asia								
Bangladesh	3,941	4,164	7,305	...	777	817	710	...
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 (2003)	...	...	...
Indonesia	19,228	14,345	20,340	25,654	4,997	4,390 (2006)	7,166 (2012)	...
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 (2004)	...	...
Singapore	...	...	...	...	...	...	...	...
Thailand	9,935	9,195	8,187	9,195	2,247	4,037	2,701	...
Viet Nam	3,200	4,558	4,378	3,657	1,921	2,928	3,901	3,574
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...
Samoa	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Timor-Leste	...	...	...	...	...	...	...	...
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	197,254	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 25 July 2019). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. 2018. *Statistical Yearbook 2017*. Nantou City. https://eng.dgbas.gov.tw/public/data/dgbas03/bs2/yearbook_eng/Yearbook2017.pdf (accessed 26 July 2019).

Table 2.5.6: Air Transport

ADB Regional Member	Carrier Departure Worldwide (takeoffs)				Freight (t-km million)				Passenger Carried (‘000)			
	2000	2005	2010	2017	2000	2005	2010	2017	2000	2005	2010	2017
Developing ADB Member Economies												
Central and West Asia												
Afghanistan	3,409	...	21,677	23,682	7.8	...	108.0	25.1	150	...	1,999	1,859
Armenia	4,406	5,939	8,761	...	8.8	7.0	6.0	...	298	556	705	...
Azerbaijan	8,012	12,470	9,885	25,365	47.2	11.9	7.8	751.1	546	1,134	797	2,331
Georgia	1,906	4,673	2,803	4,985	2.0	2.8	0.9	0.3	118	249	164	323
Kazakhstan	8,041	17,302	33,483	65,009	11.8	15.8	42.4	49.3	461	1,160	3,098	5,653
Kyrgyz Republic	6,051	5,228	7,371	27,097	3.7	2.0	1.3	0.0	241	226	376	1,127
Pakistan	63,956	48,905	64,932	66,346	340.3	407.9	333.0	249.9	5,294	5,364	6,588	9,920
Tajikistan	3,953	6,987	5,710	5,283	2.0	3.7	1.0	4.0	168	479	617	796
Turkmenistan	21,858	14,094	3,221	11,068	11.9	10.1	6.2	6.0	1,284	1,654	301	1,280
Uzbekistan	30,075	22,183	22,924	21,730	79.6	71.6	153.7	126.8	1,745	1,639	2,114	2,582
East Asia												
China, People's Republic of	572,921	1,349,269	2,377,789	4,359,033	3,900.1	7,579.4	17,193.9	23,323.6	61,892	136,722	266,293	551,235
Hong Kong, China	79,182	122,705	158,255	243,518	5,111.5	7,763.9	10,373.4	12,415.2	14,378	20,230	28,348	45,580
Korea, Republic of	226,910	221,424	280,427	496,326	7,651.3	7,432.6	12,942.7	11,002.2	34,331	33,888	36,988	84,045
Mongolia	6,200	5,332	6,528	5,277	8.4	6.1	3.9	8.4	254	295	391	603
Taipei, China ^a	586,560	479,499	360,409	509,181	1.3	1.8	2.3	2.4	48,407	44,268	41,091	65,979
South Asia												
Bangladesh	6,313	7,399	19,300	61,902	193.9	183.5	164.4	61.7	1,331	1,634	1,819	3,786
Bhutan ^b	1,138	2,467	3,053	7,927	-	0.3	0.4	0.8	34	49	182	293
India	198,426	330,484	623,197	1,029,961	547.7	774.0	1,631.0	2,407.3	17,299	27,879	64,374	139,822
Maldives ^c	5,970	4,520	4,971	33,904	13.2	0.0	...	7.7	315	82	1,025	1,486
Nepal	12,130	6,255	45,990	33,767	17.0	6.9	6.5	6.0	643	480	918	780
Sri Lanka	5,206	19,712	20,921	41,272	255.7	310.4	339.0	398.6	1,756	2,818	3,008	5,342
Southeast Asia												
Brunei Darussalam	12,739	11,808	12,333	10,743	140.2	134.1	148.5	132.6	864	978	1,263	1,172
Cambodia ^b	...	3,207	5,105	14,372	...	1.2	0.0	0.9	...	169	278	1,305
Indonesia	159,027	320,724	520,932	916,471	408.5	439.8	665.7	1,056.0	9,916	26,836	59,384	110,253
Lao People's Democratic Republic	6,411	9,002	11,374	9,731	1.7	2.5	0.1	1.5	211	293	444	1,196
Malaysia	169,263	176,152	302,185	432,454	1,863.8	2,577.6	2,564.7	1,261.6	16,561	20,369	34,239	58,189
Myanmar	10,329	26,460	20,485	65,028	0.8	2.7	2.1	5.5	438	1,504	924	2,854
Philippines	44,547	58,944	205,318	369,158	289.9	322.7	460.2	756.9	5,756	8,057	22,575	44,087
Singapore	71,042	77,119	131,722	213,198	6,004.9	7,571.3	7,121.4	7,006.9	16,704	17,744	24,860	37,680
Thailand	101,591	124,347	201,306	445,736	1,712.9	2,002.4	2,938.7	2,393.3	17,392	18,903	28,781	71,192
Viet Nam	28,999	54,415	109,176	264,548	117.3	230.2	426.9	453.3	2,878	5,454	14,378	42,593
The Pacific												
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	57,776	41,886	26,127	22,075	90.8	92.1	77.1	102.6	586	871	1,259	1,558
Kiribati	...	...	...	5,005	...	...	...	...	...	...	...	67
Marshall Islands ^c	2,324	3,083	3,480	2,756	0.2	0.3	...	0.7	16	26	...	47
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	342	842	...	...	6.3	7.9	...	...	30	45
Niue	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	27,512	19,606	32,741	53,696	22.3	21.1	28.5	29.2	1,100	819	1,405	1,865
Samoa ^c	10,877	11,439	12,492	13,433	2.2	1.8	0.0	0.0	164	267	271	135
Solomon Islands	11,481	12,318	7,388	14,365	1.0	0.8	2.5	3.8	75	91	143	428
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...
Tonga ^d	3,814	5,255	...	...	0.0	0.0	...	...	52	75	...	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	1,402	1,580	17,212	12,920	1.8	1.8	0.2	2.3	102	112	248	339
Developed ADB Member Economies												
Australia	382,514	342,509	572,906	672,349	1,730.7	2,444.6	2,938.3	1,982.6	32,578	44,657	60,641	74,257
Japan	645,087	651,858	934,487	1,035,522	8,672.0	8,549.2	7,698.8	10,684.6	109,123	102,279	109,617	123,898
New Zealand	240,046	209,469	207,872	184,762	817.1	781.5	468.6	1,336.0	10,781	11,952	13,295	16,272

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

- a Carried departure worldwide is based on the number of aircraft movements, both domestic and international. Freight is based on million ton.
b For the freight indicator, data for 2000 refer to 2002.
c For all indicators, data for 2010 refer to 2009.
d 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 24 July 2019). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. 2018. *Statistical Yearbook 2017*. Nantou City. https://eng.dgbas.gov.tw/public/data/dgbas03/bs2/yearbook_eng/Yearbook2017.pdf (accessed 26 July 2019).

Transport

Table 2.5.7: Container Port Traffic
(teu '000)

ADB Regional Member	2000	2005	2006	2007	2008	2009	2010	2012	2013	2014	2015	2016	2017
Developing ADB Member Economies													
Central and West Asia													
Afghanistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...	...	...	...	...	...
Azerbaijan	...	...	...	...	...	...	...	...	...	...	...	...	...
Georgia	...	...	...	185	254	182	210	210	226	256	222	222	222
Kazakhstan	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyrgyz Republic	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakistan	...	1,686	1,777	1,936	1,938	2,058	2,149	2,222	2,262	2,535	2,756	2,756	2,986
Tajikistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...	...	...	...	...	...	...
East Asia													
China, People's Republic of	41,000	67,245	84,811	103,823	115,942	108,800	142,970	166,511	175,936	186,679	195,277	199,552	213,720
Hong Kong, China	...	22,602	23,539	23,998	24,494	21,040	23,600	23,100	22,290	22,300	20,114	19,580	20,770
Korea, Republic of	9,030	15,113	15,514	17,086	17,418	15,700	19,456	22,618	23,711	24,819	25,354	26,153	27,427
Mongolia	...	...	...	...	...	...	...	...	...	...	...	...	...
Taipei, China	...	12,791	13,102	13,720	12,971	11,352	12,937	13,878	14,047	15,050	14,492	14,885	14,865
South Asia													
Bangladesh	456	809	902	978	1,091	1,182	1,350	1,427	1,489	1,643	2,045	2,377	2,587
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...	...
India	2,451	4,982	6,141	7,398	7,672	8,014	8,923	10,072	10,626	11,323	11,882	12,086	13,259
Maldives	...	...	...	48	54	56	50	55	80	84	84	82	83
Nepal	...	...	...	...	...	...	...	...	...	...	...	...	...
Sri Lanka	1,733	2,455	3,079	3,687	3,687	3,464	4,100	4,321	4,310	4,908	5,185	5,550	6,000
Southeast Asia													
Brunei Darussalam	...	...	...	...	90	86	93	109	122	128	128	125	125
Cambodia	...	...	...	253	259	208	224	224	230	342	392	400	485
Indonesia	3,798	5,503	4,316	6,583	7,405	7,255	9,692	11,543	11,862	11,620	11,979	12,479	13,860
Lao People's Democratic Republic	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia	4,642	12,198	13,419	14,829	16,094	15,923	18,142	20,898	21,377	22,645	24,260	24,570	24,719
Myanmar	...	...	...	170	180	164	335	474	567	717	827	1,026	1,070
Philippines	3,032	3,634	3,676	4,351	4,471	4,307	5,087	5,642	5,826	6,176	7,210	7,621	8,197
Singapore	17,100	23,192	24,792	28,768	30,891	26,593	29,147	32,347	33,388	34,688	31,710	32,668	33,600
Thailand	3,179	5,115	5,574	6,339	6,726	5,898	7,553	8,414	8,891	9,420	9,522	9,940	10,732
Viet Nam	1,190	2,537	3,000	4,009	4,394	4,937	5,968	8,362	8,967	10,189	11,479	11,853	12,284
The Pacific													
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	87	82	88	260	89	89	89
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	282	255	262	283	279	279	279	279	279	276
Samoa	...	...	...	...	...	...	...	23	24	27	28	28	28
Solomon Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...	...
Developed ADB Member Economies													
Australia	3,543	5,191	5,742	6,290	6,102	6,200	6,412	7,251	7,180	7,405	7,634	7,690	7,694
Japan	13,100	17,055	18,470	19,165	18,944	16,286	19,548	20,834	21,050	21,139	20,577	20,785	21,904
New Zealand	1,067	1,603	1,807	2,312	2,318	2,325	2,526	2,822	2,891	3,003	3,173	3,165	3,227

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

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/indicator> (accessed 24 July 2019). For Taipei, China for 2005–2007: United Nations Conference on Trade and Development. 2008 and 2010. Review of Maritime Transport. New York, New York: United Nations Publications. For Taipei, China for 2010–2017: United Nations Conference on Trade and Development. UNCTADstat. <http://unctadstat.unctad.org/EN/Index.html> (accessed 24 July 2019).

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	2017	2000	2017	2000	2017
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	29.0	118.8	25.0 (2002)	23,929.7	0.2 (2004)	29.4
Armenia	533.4	505.2	17.5	3,488.5	0.0 (2001)	315.3
Azerbaijan	801.2	1,688.3	420.4	10,127.0	1.0 (2002)	1,805.2
Georgia	508.8	713.8	194.7	5,502.4	0.4 (2001)	770.9
Kazakhstan	1,834.2	3,686.6	197.3	26,693.3	1.0 (2003)	2,576.1
Kyrgyz Republic	376.1	362.3	9.0	7,369.9	0.0 (2002)	258.0
Pakistan	3,053.5	2,940.2	306.5	144,525.6	14.6 (2005)	1,829.7
Tajikistan	218.5	479.0	1.2	9,904.0	0.0 (2003)	6.0
Turkmenistan	364.4	682.0	7.5	9,377.0	...	5.0
Uzbekistan	1,655.0	3,444.3	53.1	24,265.5	2.8 (2003)	3,320.2
East Asia						
China, People's Republic of	144,829.0	193,757.0	85,260.0	1,469,882.5	22.7	394,190.0
Hong Kong, China	3,925.8	4,249.4	5,447.3	18,394.8	444.5	2,658.1
Korea, Republic of	25,863.0	26,844.7	26,816.4	63,658.7	3,870.0	21,195.9
Mongolia	117.5	292.6	154.6	3,886.2	0.0 (2001)	285.1
Taipei, China	12,642.2	13,565.1	17,873.8	28,777.4	229.0	5,713.6
South Asia						
Bangladesh	491.3	707.6	279.0	150,945.0	43.7 (2007)	7,300.5
Bhutan	14.1	21.4	0.0	730.6	...	16.7
India	32,436.1	23,234.7	3,577.1	1,168,902.3	50.0 (2001)	17,856.0
Maldives	24.4	20.4	7.6	900.1	0.2 (2002)	36.5
Nepal	266.9	861.3	10.2	36,096.4	1.0 (2006)	503.2
Sri Lanka	767.4	2,603.2	430.2	28,199.1	0.3 (2001)	1,220.5
Southeast Asia						
Brunei Darussalam	80.5	72.0	95.0	544.7	1.9 (2001)	41.2
Cambodia	30.9	132.9	130.5	18,573.0	0.1 (2002)	133.6
Indonesia	6,662.6	11,053.3	3,669.3	435,193.6	4.0	6,215.9
Lao People's Democratic Republic	40.9	1,125.5	12.7	3,711.8	0.0 (2003)	27.2
Malaysia	4,628.0	6,578.2	5,121.7	42,338.5	4.0 (2001)	2,687.8
Myanmar	271.4	556.1	13.4	47,946.7	0.2 (2005)	111.6
Philippines	3,061.4	4,163.3	6,454.4	115,825.0	10.0 (2001)	3,399.3
Singapore	1,946.0	1,991.7	2,747.4	8,381.9	69.0	1,475.7
Thailand	5,591.1	3,466.0	3,056.0	121,530.0	1.6 (2001)	8,208.0
Viet Nam	2,542.7	4,385.4	788.6	120,016.2	1.1 (2002)	11,269.9
The Pacific						
Cook Islands	...	...	...	...	...	...
Fiji	86.4	76.0	55.1	1,033.9	7.0 (2005)	12.1
Kiribati	3.4	0.8	0.3	46.1	0.3 (2005)	0.1
Marshall Islands	4.0	0.0	0.4	16.0	...	1.0
Micronesia, Federated States of	9.6	6.9	-	23.1	0.0 (2003)	3.8
Nauru	1.8	0.0	1.2	10.0	...	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	8.6	4.0	3.0 (2008)	18.0
Samoa	8.5	8.5	2.5	124.2	0.0 (2004)	1.7
Solomon Islands	7.7	7.4	1.2	465.3	0.2 (2004)	1.2
Timor-Leste	2.0 (2003)	2.4	20.1 (2003)	1,556.6	0.0 (2003)	3.3
Tonga	9.7	14.7	0.2	107.9	0.0 (2002)	3.0
Tuvalu	0.7	2.0	0.5 (2004)	8.0	0.1 (2004)	0.5
Vanuatu	6.6	4.5	0.4	228.0	0.0 (2003)	4.5
Developed ADB Member Economies						
Australia	10,050.0	8,460.0	8,562.0	27,553.0	122.8 (2001)	7,922.0
Japan	61,957.1	63,954.5	66,784.4	172,790.0	854.7	40,532.5
New Zealand	1,831.0	1,790.0	1,542.0	6,400.0	4.7	1,583.0

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

Source: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx> (accessed 24 July 2019).

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	2017	2000	2005	2010	2017	2000	2005	2010	2017	2000	2005	2010	2017
Developing ADB Member Economies																
Central and West Asia																
Afghanistan ^b	0.1	0.2	0.1	0.3	-	4.8	35.5	67.4	...	0.0	0.0	0.1	0.0	1.2	4.0	13.5
Armenia	17.4	19.9	20.6	17.2	0.6	10.7	134.3	119.0	...	0.1	3.3	10.8	1.3	5.3	25.0	64.7
Azerbaijan	9.9	12.8	16.7	17.2	5.2	26.3	100.7	103.0	...	0.0	5.3	18.4	0.1	8.0	46.0	79.0
Georgia	10.8	12.7	26.3	18.2	4.1	26.2	94.0	140.7	...	0.1	4.3	19.7	0.5	6.1	26.9	59.7
Kazakhstan	12.2	17.4	24.7	20.3	1.3	34.7	118.3	146.6	...	0.0	5.3	14.2	0.7	3.0	31.6	76.4
Kyrgyz Republic	7.6	8.7	9.0	6.0	0.2	10.7	97.3	121.9	...	0.0	0.4	4.3	1.0	10.5	16.3	38.0
Pakistan	2.2	3.4	3.6	1.5	0.2	8.3	58.2	73.4	...	0.0	0.5	0.9	1.3	6.3	8.0	15.5
Tajikistan	3.5	4.1	4.8	5.4	0.0	3.9	77.7	111.0	...	...	0.1	0.1	0.0	0.3	11.6	22.0
Turkmenistan	8.1	8.4	10.2	11.8	0.2	2.2	62.9	162.8	...	...	0.0	0.1	0.1	1.0	3.0	21.3
Uzbekistan	6.7	6.8	6.6	10.8	0.2	2.7	73.2	76.0	...	0.0	0.4	10.4	0.5	3.3	15.9	52.3
East Asia																
China, People's Republic of	11.3	26.5	21.6	13.7	6.6	29.8	63.2	104.3	0.0	2.8	9.3	28.0	1.8	8.5	34.3	54.3
Hong Kong, China	58.9	55.6	62.1	57.7	81.7	125.1	196.3	249.8	6.7	24.3	30.9	36.1	27.8	56.9	72.0	89.4
Korea, Republic of	54.6	49.1	57.6	52.7	56.6	78.7	102.5	124.9	8.2	25.0	34.7	41.6	44.7	73.5	83.7	95.1
Mongolia ^c	4.9	6.2	7.1	9.5	6.4	22.1	92.5	126.4	0.0	0.1	2.8	9.3	1.3	9.0	10.2	23.7
Taipei, China	57.9	64.1	71.1	57.4	81.8	98.1	120.5	121.8	1.0	19.2	23.0	24.2	28.1	58.0	71.5	92.8
South Asia																
Bangladesh ^d	0.4	0.7	0.8	0.4	0.2	6.3	44.6	91.7	...	0.0	0.3	4.4	0.1	0.2	3.7	15.0
Bhutan	2.5	5.0	3.6	2.6	-	5.5	54.2	90.5	...	...	1.2	2.1	0.4	3.8	13.6	48.1
India ^e	3.1	4.4	2.9	1.7	0.3	7.9	61.1	87.3	0.0	0.1	0.9	1.3	0.5	2.4	7.5	34.5
Maldives ^f	8.7	10.1	7.8	4.7	2.7	63.9	135.6	206.3	0.1	1.0	4.3	8.4	2.2	6.9	26.5	63.2
Nepal ^g	1.1	1.9	3.1	2.9	0.0	0.9	34.0	123.2	...	0.0	0.2	1.7	0.2	0.8	7.9	34.0
Sri Lanka ^e	4.1	6.4	17.7	12.5	2.3	17.2	85.9	135.1	0.0	0.1	1.1	5.8	0.6	1.8	12.0	34.1
Southeast Asia																
Brunei Darussalam ^e	24.2	23.0	20.6	16.8	28.5	63.8	111.9	127.1	0.6	2.2	5.6	9.6	9.0	36.5	53.0	94.9
Cambodia ^f	0.3	0.2	2.5	0.8	1.1	8.0	57.0	116.0	0.0	0.0	0.2	0.8	0.0	0.3	1.3	34.0
Indonesia	3.1	6.0	16.9	4.2	1.7	20.7	87.1	164.9	0.0	0.0	0.9	2.4	0.9	3.6	10.9	32.3
Lao People's Democratic Republic	0.8	1.6	1.7	16.4	0.2	11.4	64.1	54.1	...	0.0	0.1	0.4	0.1	0.9	7.0	25.5
Malaysia ^e	20.0	17.0	16.4	20.8	22.1	76.2	120.4	133.9	0.0	1.9	7.5	8.5	21.4	48.6	56.3	80.1
Myanmar	0.6	1.0	1.0	1.0	0.0	0.3	1.2	89.8	...	0.0	0.0	0.2	0.0	0.1	0.3	30.7
Philippines ^h	3.9	3.9	3.6	4.0	8.3	40.3	88.7	110.4	0.0	0.1	1.9	3.2	2.0	5.4	25.0	60.1
Singapore	49.7	41.1	39.3	34.9	70.2	97.6	145.5	146.8	1.8	14.6	26.4	25.8	36.0	61.0	71.0	84.4
Thailand ^e	8.9	10.8	10.2	5.0	4.9	46.6	106.7	176.0	0.0	0.8	4.8	11.9	3.7	15.0	22.4	52.9
Viet Nam ⁱ	3.2	10.1	16.2	4.6	1.0	11.4	126.1	125.6	0.0	0.2	4.1	11.8	0.3	12.7	30.7	58.1
The Pacific																
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	10.7	13.7	15.1	8.4	6.8	24.9	81.2	114.2	...	0.9	2.7	1.3	1.5	8.5	20.0	50.0
Kiribati	4.0	4.5	8.2	0.7	0.4	0.7	10.3	39.6	...	0.3	0.8	0.1	1.8	4.0	9.1	14.6
Marshall Islands ^j	7.7	10.6	...	4.5	0.9	1.3	29.3	30.1	...	...	2.4	1.9	1.5	3.9	7.0	38.7
Micronesia ^k , Federated States of	9.0	11.7	8.2	6.6	0.1	13.3	26.6	21.9	...	0.0	1.0	3.6	3.7	11.9	20.0	35.3
Nauru ^l	17.9	17.8	-	-	12.0	...	61.8	88.0	...	...	9.5	...	3.0	...	54.0	57.0
Niue	55.3	62.4	61.3	61.4	21.6	37.9	...	...	...	...	...	...	26.5	51.7	77.0	...
Palau ^m	35.4	40.1	34.1	33.8	12.6	30.4	70.9	111.5	...	0.5	1.2	5.7	...	27.0	...	...
Papua New Guinea	1.2	1.0	1.7	1.9	0.2	1.2	26.9	48.7	...	...	0.1	0.2	0.8	1.7	1.3	11.2
Samoa	4.9	10.8	4.3	4.3	1.4	13.3	48.3	63.2	...	0.0	0.1	0.9	0.6	3.4	7.0	33.6
Solomon Islands	1.9	1.6	1.6	1.2	0.3	1.3	21.9	76.1	...	0.1	0.5	0.2	0.5	0.8	5.0	11.9
Timor-Leste	...	0.2	0.3	0.2	...	3.2	42.6	120.1	...	0.0	0.0	0.3	0.0	0.1	3.0	27.5
Tonga ^f	9.9	13.6	29.8	13.6	0.2	29.6	52.1	99.9	0.0	0.6	1.1	2.8	2.4	4.9	16.0	41.2
Tuvalu	7.0	8.9	11.4	17.9	-	13.0	15.2	71.5	...	1.5	2.3	4.0	5.2	...	25.0	49.3
Vanuatu	3.6	3.3	3.0	1.6	0.2	6.1	71.9	82.5	...	0.0	0.2	1.6	2.1	5.1	8.0	25.7
Developed ADB Member Economies																
Australia ^e	52.7	50.0	48.0	34.6	44.9	91.0	101.7	112.7	0.6	10.0	24.9	32.4	46.8	63.0	76.0	86.5
Japan	48.6	45.2	51.0	50.2	52.4	75.2	95.9	135.5	0.7	18.2	26.5	31.8	30.0	66.9	78.2	84.6
New Zealand	47.4	41.8	43.0	38.0	40.0	85.4	107.8	136.0	0.1	7.8	25.0	33.6	47.4	62.7	80.5	90.8

... = data not available, 0.0 = magnitude is less than half of unit employed, - = magnitude equals zero, 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. The details are provided in the documentation of the International Telecommunication Union.
- b For fixed telephone, the figure for 2005 refers to 2003. For internet users, the figure for 2000 refers to 2001.
- c For fixed broadband, the figure for 2000 refers to 2001. For internet users, the figure for 2005 refers to 2007.
- d For fixed broadband, the figure for 2005 refers to 2007.
- e For fixed broadband, the figure for 2000 refers to 2001.
- f For fixed broadband, the figure for 2000 refers to 2002.
- g For fixed broadband, the figure for 2005 refers to 2006.
- h For fixed broadband, the figure for 2000 refers to 2001 and the figure for 2010 refers to 2011.
- i For fixed telephone, the figure for 2005 refers to 2006. For fixed broadband, the figure for 2000 refers to 2002.
- j For fixed telephone, the figure for 2005 refers to 2004 and the figure for 2017 refers to 2014. For mobile cellular, the figure for 2010 refers to 2014. For fixed broadband, the figure for 2010 refers to 2013.
- k For mobile cellular, the figure for 2000 refers to 2002.
- l For fixed telephone, the figure for 2017 refers to 2014. For internet users, the figure for 2000 refers to 2001 and the figure for 2010 refers to 2011.
- m For fixed telephone, the figure for 2000 refers to 2002. For mobile cellular, the figure for 2000 refers to 2002 and the figure for 2017 refers to 2015.

Source: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx> (accessed 24 July 2019).