



PART II

Regional Trends and Tables

Regional Trends and Tables

The resilience of the Asia and Pacific region over the years showcases its ability to learn from previous experiences and rebound after global and regional crises and other socioeconomic hardships.

Most recently, the region has faced multiple vulnerabilities that threaten its long-term development. These include geopolitical tensions that have the potential to undermine regional stability, mounting natural disasters that are increasing in intensity and frequency as a result of climate change (IPCC 2012), and, of course, the impacts of the coronavirus disease (COVID-19) pandemic. Indeed, the pandemic provides a compelling opportunity to reflect on the factors that shape economies' resilience and capacity to innovate.

For this reason, Part II of *Key Indicators for Asia and the Pacific 2022* examines data on the performance of selected sectors that were severely disrupted by the pandemic. These include the tourism, transport, information and communication technology, and energy sectors. The analyses here draw on the latest 2021 estimates for nominated economic indicators, as compiled by national and international statistical systems.

The data from 2021 presented here show different growth trajectories for different economies: some are recovering faster and more robustly than initially forecast, while others are still navigating heavy socioeconomic setbacks. These observations highlight the risk of increased inequality between economies in the region.

As Asia and the Pacific maneuvers its way out of the pandemic, it is important for governments and their development partners to identify factors that may have contributed to the diverse impacts of the pandemic across sectors and economies and establish how policies can be calibrated to ensure these drivers do not contribute to a further diverging of recovery paths and worsening of socioeconomic scarring effects. It is also vital to accelerate efforts in addressing other systemic problems, such as climate change, by creating new and greener economic opportunities for more sustainable and resilient development.





Economic Growth and Uncertainties for Recovery

As Asia and the Pacific's economic recovery gathers pace, there are hints of divergent growth paths.

As overall COVID-19 infections across Asia and the Pacific decreased consistently from the last quarter of 2020 to the first quarter of 2021, economic recovery in many parts of the region was also evident. Regional inflation started to taper off, while exports and remittances of a number of economies had either reverted back or drew closer to pre-pandemic levels (ADB 2021a). Unemployment rates also declined in certain economies such as Indonesia, Malaysia, the People's Republic of China (PRC), and the Philippines during the first half of 2021 (ADB 2021a).

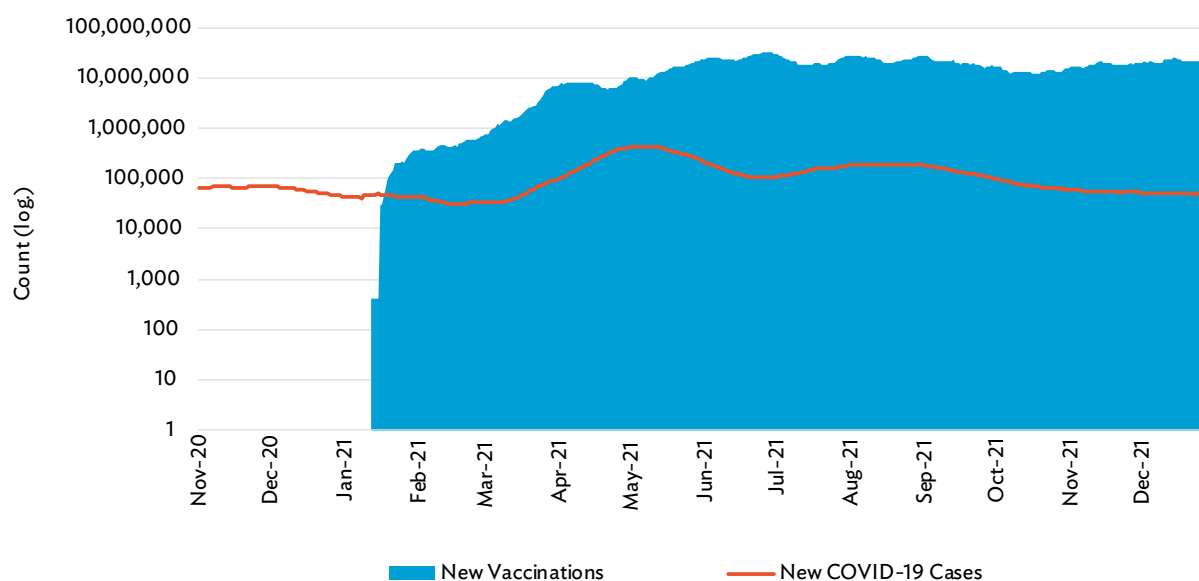
However, from the second quarter of 2021 onward, the situation was more challenging, with the emergence of the COVID-19 Delta variant. Cases in the region rose sharply (Figure 2.1) and economic activity in the manufacturing and services sectors, along with export volumes, fell correspondingly. Protracted capital outflows extended to July and August 2021 (ADB 2021a).

Fortunately, vaccination programs managed to contain the number of COVID-19 cases. By the end of December 2021, only 5 of the 49 economies in Asia and the Pacific had positive growth in average daily COVID-19 cases per month. This stabilization in the transmission of the disease enabled economies to reopen. Collectively, developing Asia's economy grew by 6.9% in 2021 (ADB 2022a). Almost all economies in the region reported stronger growth rates for the year, compared to 2020. In a number of economies, the rebound was stronger than initially forecast (Figure 2.2). Some economies suffered substantial economic losses in 2020 but managed to grow in 2021. However, in most economies, the pace of growth was not sufficient to undo the economic contractions of 2020. Figure 2.2 also shows that there were significant variations in economic performance across the region. Studies suggest that differences in the stringency of COVID-19 containment measures used by governments may be one reason for these variations (Bajra et al. 2022). Furthermore, it is also important

to note that economic performance during the COVID-19 pandemic may not necessarily be indicative of economic performance in future crises due to the distinctive features of pandemic-induced disruptions.

Figure 2.1: Number of New Daily COVID-19 Cases and Vaccination Rates in Asia and the Pacific

The number of new COVID-19 infections surged between the second and third quarter of 2021, before declining toward the end of the year.



COVID-19 = coronavirus disease.

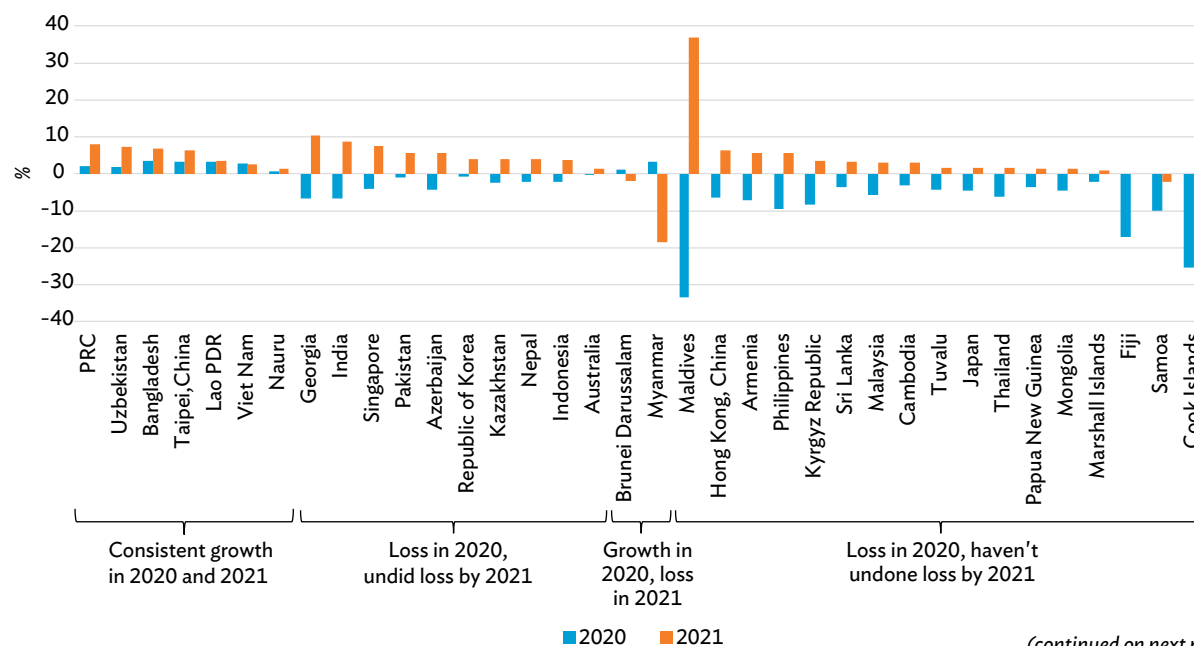
Note: The figures plotted on the graph represent the number of new COVID-19 cases recorded and new vaccinations administered per day, i.e., not cumulative cases and vaccinations. Graphs are smoothed based on a 7-day rolling average.

Source: Our World in Data. Coronavirus Pandemic (COVID-19). <https://ourworldindata.org/coronavirus> (accessed 4 January 2022).

[Click here for figure data](#)

Figure 2.2: Latest Economic Growth Estimates versus Initial Growth Forecasts and Comparison of Growth Estimates in 2020 and 2021

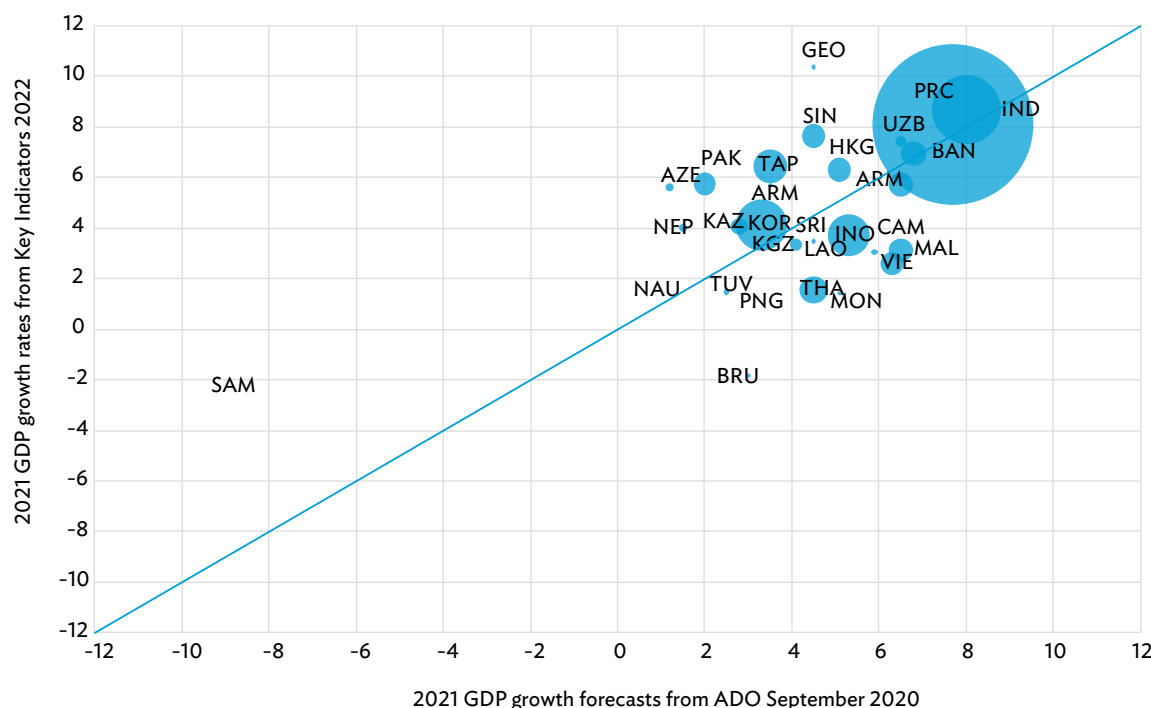
Economies of Asia and the Pacific reported various growth paths as the COVID-19 pandemic progressed. Some economies grew more slowly than originally forecast, while others posted stronger economic performance.



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[Click here for figure data](#)

Figure 2.2: Latest Economic Growth Estimates versus Initial Growth Forecasts and Comparison of Growth Estimates in 2020 and 2021 (continued)



\$ = United States dollars; ADO = Asian Development Outlook; ARM = Armenia; AZE = Azerbaijan; BAN = Bangladesh; BRU = Brunei Darussalam; CAM = Cambodia; COVID-19 = coronavirus disease; GDP = gross domestic product; GEO = Georgia; HKG = Hong Kong, China; IND = India; INO = Indonesia; KAZ = Kazakhstan; KGZ = Kyrgyz Republic; KOR = Republic of Korea; LAO PDR = Lao People's Democratic Republic; MAL = Malaysia; MON = Mongolia; NAU = Nauru; NEP = Nepal; PAK = Pakistan; PNG = Papua New Guinea; PHI = Philippines; PRC = People's Republic of China; SAM = Samoa; SIN = Singapore; SRI = Sri Lanka; TAP = Taipei, China; THA = Thailand; TUV = Tuvalu; UZB = Uzbekistan; VIE = Viet Nam.

Note: "Key Indicators" is a shortened form of the Asian Development Bank's *Key Indicators for Asia and the Pacific*. The first graphic shows only economies with complete data for 2020 and 2021.

Sources: Asian Development Bank (ADB) estimates using data presented in Tables 2.2.2 and 2.2.11 of *Key Indicators for Asia and the Pacific 2022*; ADB. Key Indicators Database. <https://kidb.adb.org/> (accessed 16 July 2022) and ADB. 2020. *Asian Development Outlook Update 2020*. Manila.

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Additional effort is needed to regain jobs lost during pandemic.

Estimates of employment data compiled by the International Labour Organization (ILO) suggest that, in 2021, the number of hours worked in Asia and the Pacific remained lower than pre-pandemic levels. The region, which lost 8.0% of working hours in 2020 in comparison to the fourth quarter of 2019, saw working hours lower by 3.6% in 2021 with respect to the same baseline period. In 2020, the subregion of South Asia registered the highest loss of work hours at 13.8%. For 2021, the subregion of Southeast Asia recorded the highest loss of work hours at 6.8%, while the loss recorded in the Pacific was higher than the estimate a year earlier.¹

Aside from decreases in employment, changes in the overall sectoral employment profile during the first year of the pandemic are also evident. As shown in Figure 2.3, a shift in employment share away from the industry and services sectors and toward agriculture can be noted from 2019 to 2020 for the whole of Asia and the Pacific, as well as within the

¹ Individual economy tables available at <https://kidb.adb.org> provide additional information on how employment in some subregions was more affected than in others.

region's developing economies. This sectoral shift in employment is mirrored in certain subregions, particularly in South Asia. In a span of just 1 year through the pandemic, South Asia posted a combined reduction of 2.9 percentage points in the industry and services sectors' employment share and this fall was displaced to the subregion's agriculture sector. Similar shifts can be observed in the agriculture and services sectors of Central and West Asia, in the agriculture sector of East Asia, as well as in the industry and services sectors of Southeast Asia, which adds to the fact that these subregions also experienced overall declines in employment in the sectors assessed.

Table 2.1: Work Hours Lost, by Subregion of Asia and the Pacific

Across all ADB regional member economies, the number of hours worked in 2021 was still 3.6% lower than pre-pandemic levels.

		Central and West Asia	East Asia	South Asia	Southeast Asia	The Pacific	Developed ADB Member Economies	ADB Regional Member Economies
2020	Work hours lost as expressed in number of FTE jobs (Total)	11,598,960	37,631,669	91,404,043	24,734,983	128,640	3,767,660	169,265,955
	Work Hours Lost (%)	-9.2	-4.1	-13.8	-7.4	-3.3	-4.9	-8.0
2021	Work hours lost as expressed in number of FTE jobs (Total)	6,460,224	8,718,126	35,483,198	22,751,748	205,446	3,109,999	76,728,741
	Work Hours Lost (%)	-5.1	-0.9	-5.4	-6.8	-5.3	-4.0	-3.6

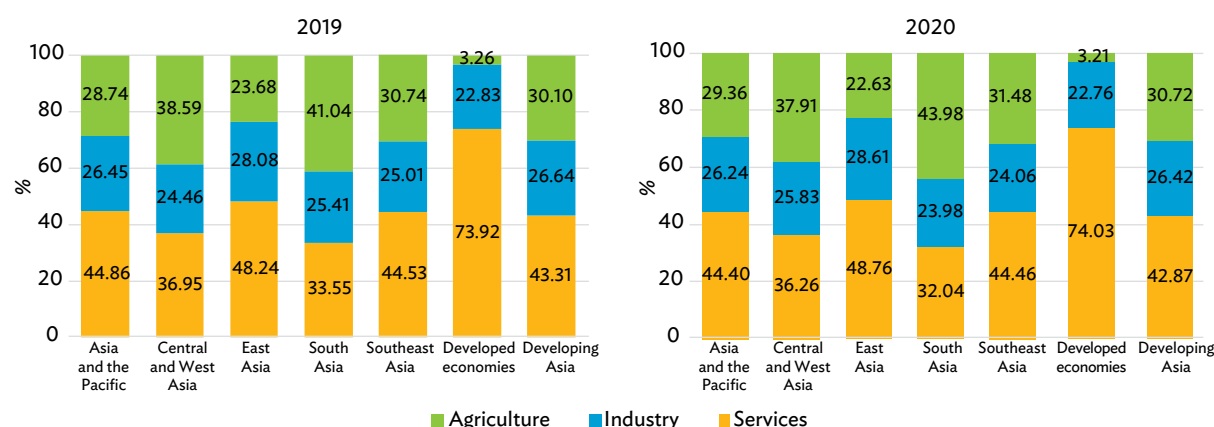
ADB = Asian Development Bank, FTE = full-time employment.

Note: Work hours lost are expressed as full-time equivalent employment losses. The estimates of working hours lost (%) are expressed as percentage of hours lost compared to the baseline (4th quarter of 2019, seasonally adjusted), as modeled by the International Labour Organization. For further information about these projections, including their limitations, readers may refer to the corresponding source below.

Source: Asian Development Bank estimates using data from the International Labour Organization. ILOSTAT Database. <https://ilostat.ilo.org/> (accessed 5 June 2022).

Figure 2.3: Broad Sectoral Employment Shares in Asia and the Pacific, 2019–2020

In 2020, there were shifts in employment in most subregions and sectors.



Notes: The charts represent 29 economies with complete broad-sector employment data for both 2019 and 2020 from either the Asian Development Bank's Key Indicators Database or the International Labour Organization's ILOSTAT database. Central and West Asia comprises Afghanistan; Armenia; Azerbaijan; Georgia; Kazakhstan; the Kyrgyz Republic; Pakistan; Tajikistan; and Uzbekistan. South Asia comprises Bhutan; India; and Sri Lanka. Southeast Asia comprises Brunei Darussalam; Indonesia; Malaysia; Myanmar; the Philippines; Singapore; Thailand; and Viet Nam. East Asia comprises Hong Kong, China; Mongolia; the People's Republic of China; the Republic of Korea; and Taipei, China. The developed economies are Australia, Japan, and New Zealand, while developing Asia includes all economies mentioned, except for Australia, Japan, and New Zealand. In the absence of 2020 figures, 2021 figures were used if available, e.g., in the case of Pakistan. Subregions that are not represented here did not have adequate available data.

Sources: Asian Development Bank estimates using data presented in individual economy tables available at <https://kiddb.adb.org/>; and International Labour Organization. ILOSTAT Database. <https://ilostat.ilo.org/> (accessed 20 June 2022). Economy-level estimates for more recent years, including 2021, are presented in Table 2.1.5 of *Key Indicators for Asia and the Pacific 2022*.



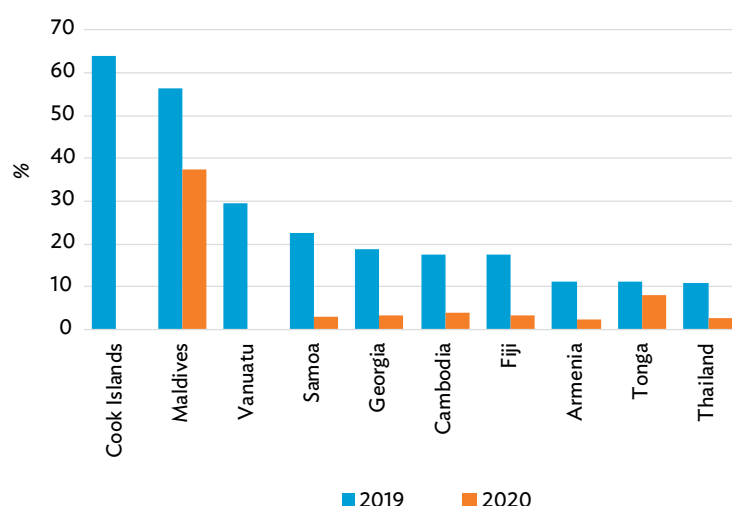
A restricted view. Due to COVID-19, flights over the mountains of Nepal operated only once a week in 2021 (photo by Narendra Shrestha/ADB).

Tourism and the Options for Greater Inclusion and Sustainability

In recent years, tourism has been a critical driver of economic growth in Asia and the Pacific. This is largely because of improved financial means for individuals to travel, the emergence of low-cost airlines, and more relaxed visa requirements among the region's economies (ADB 2020b). Within the region, the top 10 economies with the highest estimated gross domestic product (GDP) contributions from tourism are presented in Figure 2.4.

Figure 2.4: Top 10 Economies of Asia and the Pacific with the Highest Estimated Tourism Contribution to Gross Domestic Product in 2019 and Percentage Loss in Tourism Receipts in 2020

The region is home to several economies that had tourism accounting for at least 8% of GDP before the COVID-19 pandemic. In 2020, these economies incurred substantial losses in tourism receipts.



Economy	% loss in tourism receipts in 2020
Cook Islands	...
Maldives	-55.72
Vanuatu	-77.70
Samoa	-88.41
Georgia	-83.42
Cambodia	-78.72
Fiji	-84.01
Armenia	- 80.82
Tonga	-29.82
Thailand	-77.39

... = data not available, COVID-19 = coronavirus disease, GDP = gross domestic product.

Note: Tourism's contribution to the economy is estimated based on international tourist receipts over GDP. No 2020 figures are available on the Cook Islands' international tourist receipts and Vanuatu's GDP from the sources specified below.

Source: Asian Development Bank estimates using data presented in Tables 2.2.2 and 2.4.25 of *Key Indicators of Asia and the Pacific 2022*.

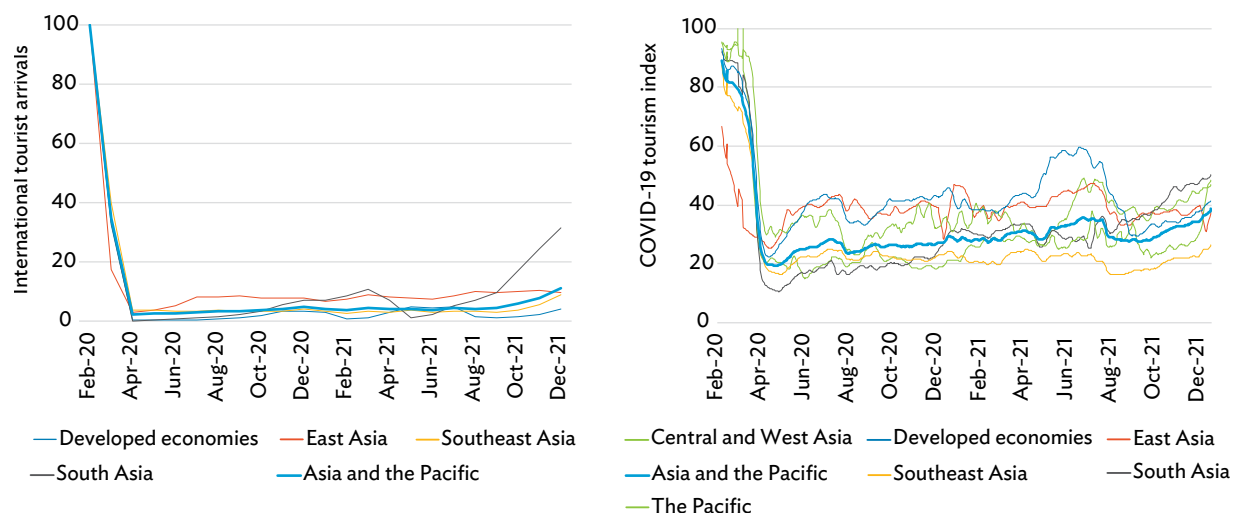
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At the peak of the pandemic, tourism was one of Asia and the Pacific's hardest-hit sectors.

Reliance on tourism across Asia and the Pacific caused serious economic challenges when the pandemic halted international travel. Figure 2.4 illustrates drastic declines in GDP contributions by tourism from 2019 to 2020, as arrivals into many economies dipped to record lows and remained very low or negligible for many months. By December 2021, or nearly 2 years after the pandemic began, international tourist arrivals were still low and had not yet fully recovered to pre-pandemic levels as can be seen in Figure 2.5.

Figure 2.5: International Tourism Arrivals and COVID-19 Tourism Index in Asia and the Pacific, 2020–2021

Since plummeting to its lowest level in April 2020, tourism had not reverted to pre-pandemic levels by the end of 2021.



COVID-19 = coronavirus disease.

Notes: For the chart on the left, figures for actual monthly international tourist arrivals are standardized, such that February 2020 = 100. For annual estimates on international tourist arrivals, refer to Regional Table 2.4.24. Only economies with complete data are represented. East Asia comprises Hong Kong, China; the Republic of Korea; and Taipei, China. Southeast Asia comprises Indonesia; the Philippines; Singapore; Thailand; and Viet Nam. South Asia comprises India; Nepal; and Sri Lanka. The developed economies are Australia, Japan, and New Zealand. For the chart on the right, actual daily COVID-19 tourism index values are averaged among economies per subregion and smoothed based on a 7-day rolling average. Only economies with complete data are represented. East Asia comprises Mongolia; the People's Republic of China; and the Republic of Korea. Southeast Asia comprises Cambodia; Indonesia; the Lao People's Democratic Republic; Myanmar; Malaysia; the Philippines; Singapore; Thailand; and Viet Nam. South Asia comprises Bangladesh; India; Maldives; and Sri Lanka. Central and West Asia comprises Armenia; Azerbaijan; Georgia; and Kazakhstan. The developed economies are Australia, Japan, and New Zealand.

Sources: Asian Development Bank calculations based on the CEIC database. <https://www.ceicdata.com/en> (accessed 8 March 2022); and COVID-19 Tourism Index. www.covid19tourism.com (accessed 25 February 2022).

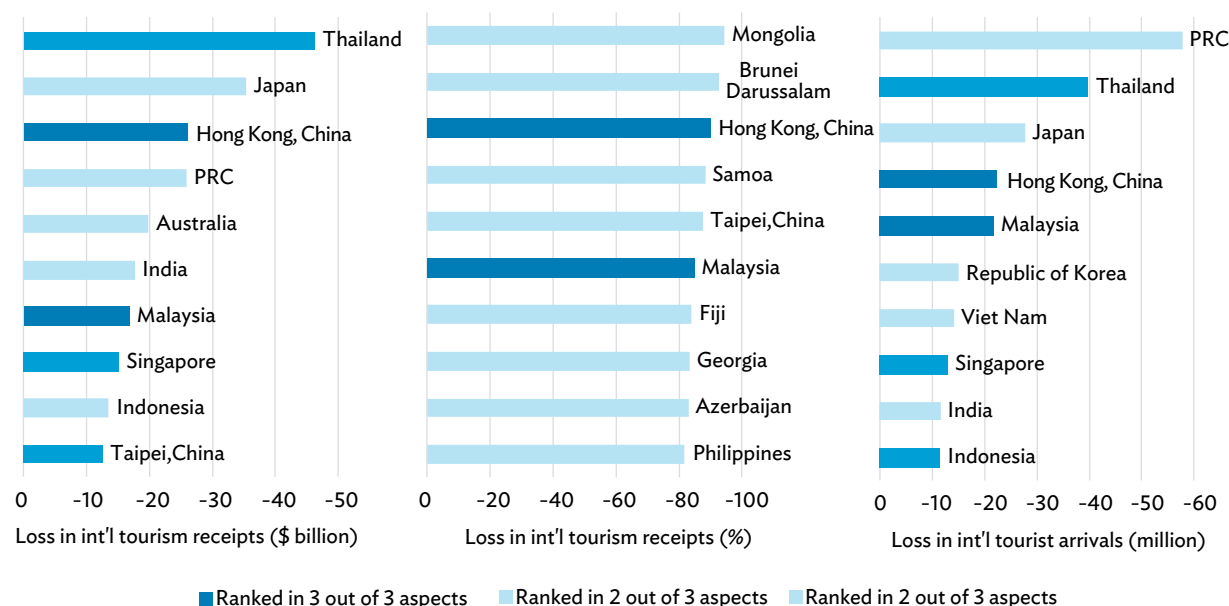
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Tourism has been heavily impacted in both developed and developing economies, especially in Southeast Asia and the Pacific.

The loss of tourism revenue was felt across the entire Asia and Pacific region and among both developed and developing economies. Japan lost at least \$35.3 billion in international tourism receipts in 2020, compared to its figure in 2019 (Figure 2.6). Thailand incurred the biggest decrease, at least \$46.3 billion, or about 16% of the total estimated loss in international travel receipts for the whole region.

Figure 2.6: Top 10 Economies of Asia and the Pacific with the Highest Estimated Losses in Tourism, 2019–2020

A number of economies recorded substantial losses in international travel receipts and tourist arrivals.



\$ = United States dollars, PRC = People's Republic of China.

Note: Economies listed in the graphics represent the top 10 economies with the highest losses in tourism in terms of three aspects: (i) international tourism receipts (in United States dollars); (ii) international tourism receipts (as a percentage); and (iii) international tourist arrivals. Losses are estimated by calculating the difference between 2019 and 2020 figures.

Sources: Asian Development Bank estimates using data presented in Tables 2.4.24 and 2.4.25 of *Key Indicators for Asia and the Pacific 2022*; and Asian Development Bank. Key Indicators Database. <http://kidb.adb.org> (accessed 17 June 2022).

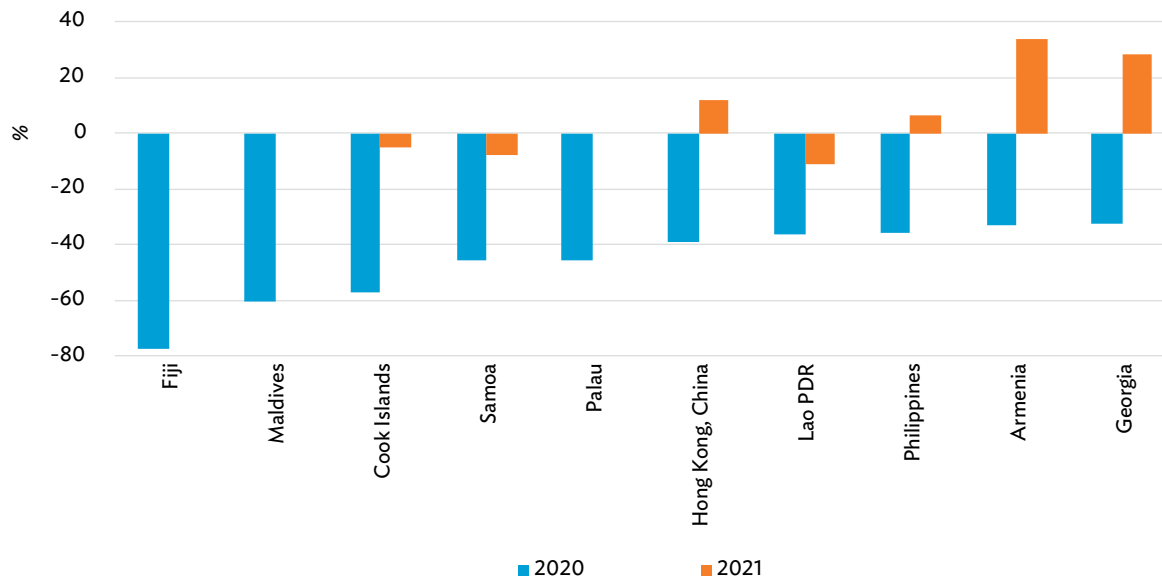
[Click here for figure data](#)

At the subregional level, Southeast Asia, which can be considered the region's tourism hub in terms of international tourism receipts and tourist arrivals, was also the most impacted by the pandemic. Its total losses in international tourism receipts compared to 2019 are estimated at \$113.8 billion, with at least four of its 11 economies listed in the top 10 economies with the biggest losses in international tourism receipts (Indonesia, Malaysia, Singapore, and Thailand) and in international tourist arrivals (Indonesia, Malaysia, Singapore, Thailand, and Viet Nam), and two of its economies listed in the 10 biggest losses in tourism-related sector output (the Lao People's Democratic Republic [Lao PDR] and the Philippines).

Tourism-related sectors, such as accommodation, food service, and transport and storage, were also hit badly. Based on gross value-added from 2019 to 2020, Fiji, Maldives, and the Cook Islands recorded the highest losses for these sectors, at least halving their production output (Figure 2.7). Four economies in the Pacific (the Cook Islands, Fiji, Palau, and Samoa) were in the top 10 for losses in these tourism-related sectors, with falls ranging from 45.5% to as much as 77.7%. Despite the losses, some economies in the region were already showing signs of recovery by 2021.

Figure 2.7: Top 10 Economies of Asia and the Pacific with the Highest Falls in Tourism-Related Industry Sectors

Multiple economies, particularly those from the Pacific, recorded high losses in tourism-related sectors from 2019 to 2020.



Lao PDR = Lao People's Democratic Republic.

Note: Figures for 2020 and 2021 represent losses from 2019 to 2020 and 2020 to 2021, respectively. Losses were estimated by calculating the difference in total gross value-added between 2019 and 2020 for the following sectors: (i) accommodation and food services, and (ii) transportation and storage.

Source: Asian Development Bank estimates using data presented in individual economy tables available at <https://kidb.adb.org>.

[Click here for figure data](#)

As a result of revenue losses, many tourism-related jobs were lost. Based on 24 regional economies² with available employment data, about 334,000 jobs were lost in the accommodation and food services sector in 2020 compared to 2019, and about 1.4 million jobs were lost in the transportation and storage sector over the same period. This equals almost 1.7 million jobs lost in these two tourism-related sectors in just the first year of the pandemic.

In summary, the COVID-19 pandemic exposed many challenges confronting the tourism sector in Asia and the Pacific. These include an overdependence on international arrivals, limited control over sector growth, external costs, and labor market challenges (ADB 2021c). Although the tourism sector is expected to recover further as more travel restrictions are eased, support should be targeted to encourage the sector's sustainable development instead of focusing solely on revenue growth. An ADB (2021c) report outlines several steps to do this. There is a need to establish more inclusive and sustainability-oriented governance frameworks. It is equally important to include the voices of marginalized groups in tourism development. Having clear accountability frameworks and other mechanisms to monitor progress is also essential. In developing all of these, enhancing the timeliness and granularity of tourism data and information systems is vital.

² Armenia; Australia; Azerbaijan; Bhutan; Brunei Darussalam; Georgia; Hong Kong, China; Indonesia; Japan; Kazakhstan; the Kyrgyz Republic; Malaysia; the Marshall Islands; Mongolia; New Zealand; the Philippines; the Republic of Korea; Singapore; Sri Lanka; Taipei, China; Tajikistan; Thailand; Uzbekistan; and Viet Nam.



Keeping international trade open. The Port of Nuku'alofa is the leading port serving Tonga's global cargo interests (photo by Eric Sales/ADB).

The Transport Sector's Decline and Rebound During the Pandemic

Where travel restrictions, border closures, shifts to work-from-home arrangements, and other social distancing protocols were imposed, these impacted all modes of transportation. In the aviation industry alone, estimates for economies of Asia and the Pacific with available data suggest that passenger movements (measured in person-kilometers) and freight movements (measured in metric ton-kilometers) declined, on average, by 51.9% and 6.4%, respectively, in 2020 (Regional Table 2.5.6). Significant reductions were also noted for land and marine transport, particularly in the first half of 2020. While there were pockets of the transport sector, such as urban freight and logistics, that might have benefited due to the surge in online shopping and food deliveries, for the most part, there were also disruptions in container port traffic.

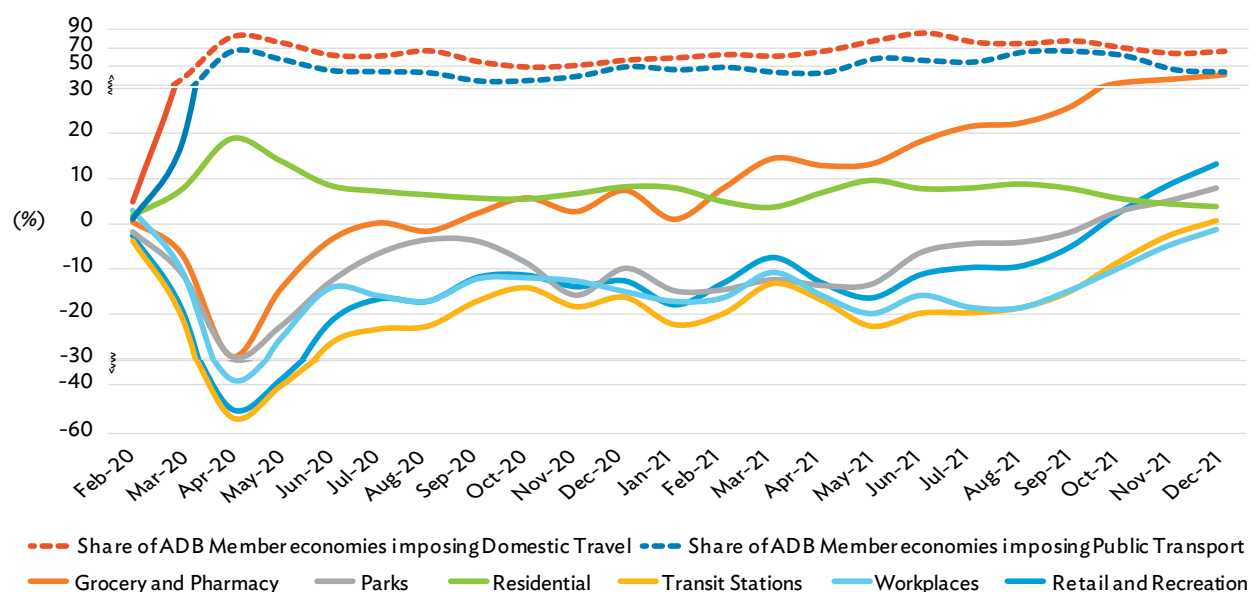
Mobility flows were greatly affected at the height of pandemic, but gradually moved closer to pre-pandemic patterns during 2021.

Mobility data compiled by Google show stark changes in the commuting behavior of Asians from the time lockdowns started in the first quarter of 2020 until restrictions were gradually eased during 2021. In particular, the solid lines presented in Figure 2.8 represent increases or decreases in median time spent in different localities relative to time spent in the same localities during the baseline period (3 January to 6 February 2020). The blue and red dotted lines represent the proportion of ADB regional member economies imposing public transport and domestic travel restrictions, respectively.

In April 2020, when approximately half the ADB regional member economies imposed some form of domestic travel restrictions, people stayed 20% longer in residential areas while time spent in transit stations dropped by nearly 60%. As mobility restrictions gradually eased, time spent in nonresidential areas increased. By the end of 2021, general mobility patterns had reverted to pre-pandemic levels and, perhaps unsurprisingly, time spent in groceries and pharmacies greatly exceeded those levels. Progress in vaccination coverage, reducing the severity of COVID-19 infections, and helping people to cope better with life during the pandemic may have contributed to more normalized mobility patterns. This recovery was despite half the region's economies having public transport restrictions and 40% retaining some domestic travel restrictions through until the end of December 2021.

Figure 2.8: Mobility Patterns in Asia and the Pacific

Despite some restrictions still being in place, mobility patterns had largely normalized by the end of 2021.



ADB = Asian Development Bank.

Note: Solid lines refer to increase/decrease in time spent on different place categories relative to the baseline numbers. The baseline is the median value, for the corresponding day of the week, during the 5-week period Jan 3–Feb 6, 2020. Public transport restrictions and domestic travel restrictions refer to recommended or required restrictions. Economies included in the aggregation are Afghanistan; Australia; Bangladesh; Cambodia; Fiji; Georgia; Hong Kong, China; India; Indonesia; Japan; Kazakhstan; the Republic of Korea; the Kyrgyz Republic; the Lao People's Democratic Republic; Malaysia; Mongolia; Nepal; New Zealand; Pakistan; Papua New Guinea; the Philippines; Singapore; Sri Lanka; Taipei, China; Tajikistan; Thailand; and Viet Nam.

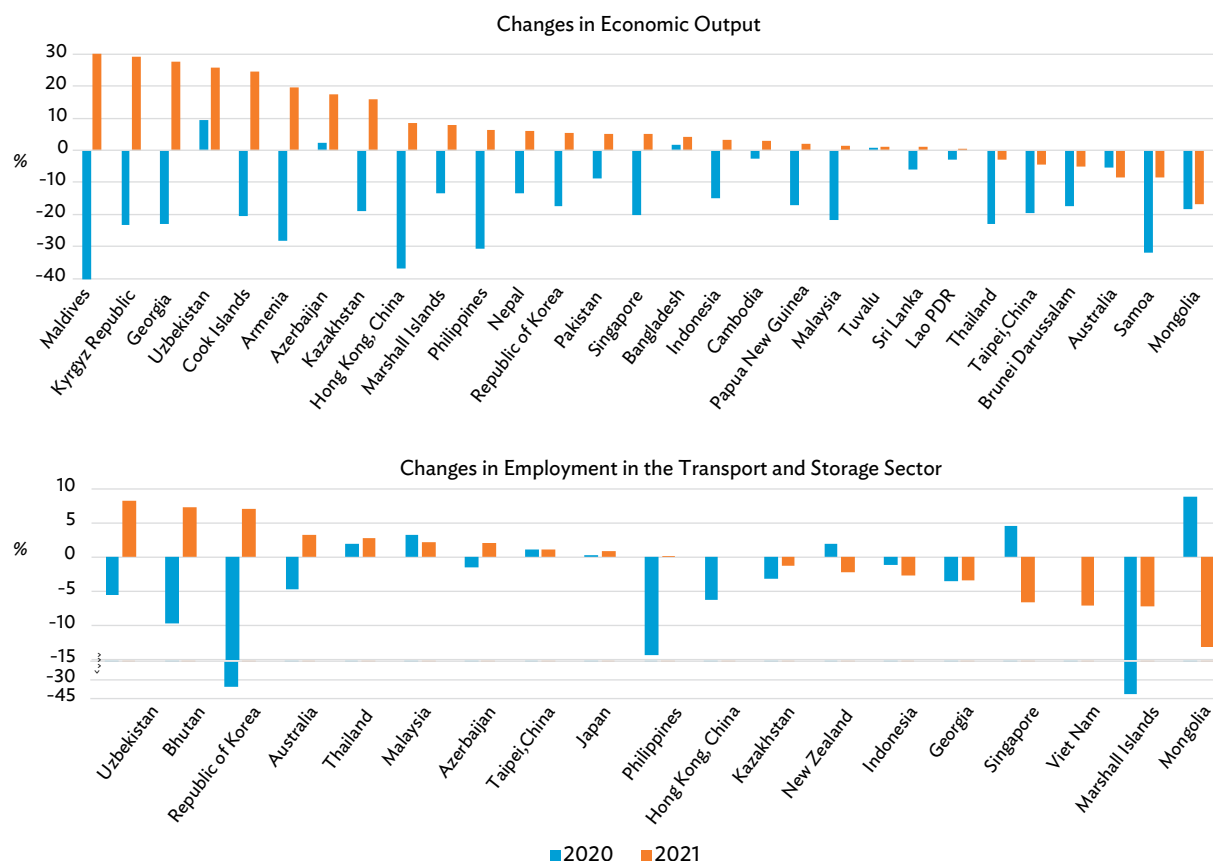
Source: Google Covid-19 Mobility Report. <https://www.google.com/covid19/mobility/> (accessed 4 January 2022); and Oxford University COVID-19 Government Response Tracker. <https://www.bsg.ox.ac.uk/research/research-projects/covid-19-government-response-tracker> (accessed 4 January 2022).

[Click here for figure data](#)

Figure 2.9 illustrates how the transport and storage sector fared during the pandemic. With the exception of Azerbaijan, Bangladesh, and Uzbekistan, all economies with available data saw their transport and storage sectors contract in 2020. The hardest hit were Armenia; the Cook Islands; Georgia; Hong Kong, China; the Kyrgyz Republic; Malaysia; Maldives; the Philippines; Samoa; Singapore; and Thailand, registering declines in gross value-added that exceeded 20%. In 2021, signs of recovery were notable, especially in the Cook Islands, Georgia, the Kyrgyz Republic, Maldives, and Uzbekistan, with growth rates exceeding 20%. Similar trends were noted using employment data.

Figure 2.9: Changes in Economic Output and Employment in the Transport and Storage Sector

In 2020, nearly one in three regional economies saw their transport and storage sectors decline in gross value-added by at least 20%.



Lao PDR = Lao People's Democratic Republic.

Notes: Additional information about underlying data are provided in individual economy tables.

Source: Asian Development Bank estimates using data presented in individual economy tables available at <https://kidb.adb.org>.

[Click here for figure data](#)

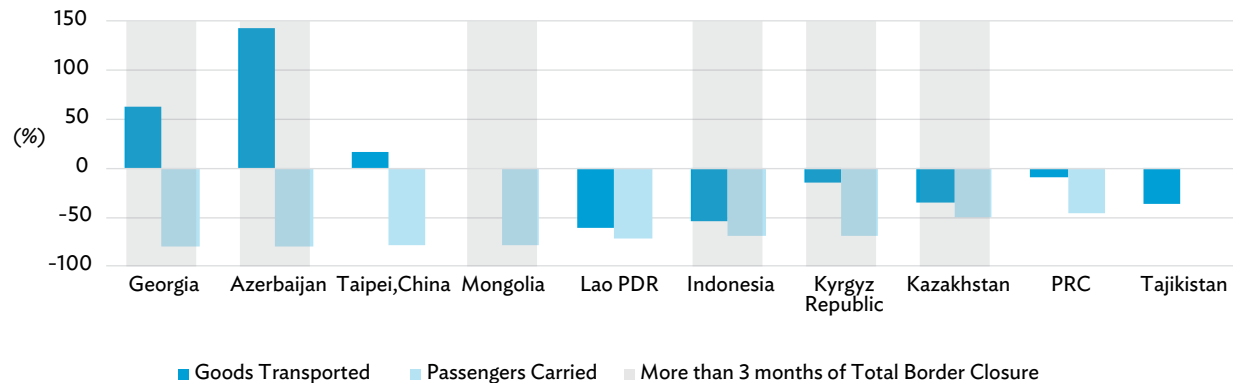
Aviation transport suffered huge declines in terms of passengers and freight.

Figure 2.10 shows economy-level data depicting changes in passengers and goods carried by airlines. Generally, those economies that imposed total travel bans longer than 3 months saw higher declines (by an average of 19 percentage points) from 2019 to 2020. Likewise, the average decline in airline goods carried was 22 percentage points higher among areas that imposed longer travel bans.

The first year of the pandemic also led to substantial disruptions in transport and trade connectivity. Factors such as reduced production and consumption along with disruptions to shipping routes contributed to substantial reductions in container port traffic all over the globe in 2020 (UNESCAP and UNCTAD 2020). Subregions such as South Asia and Southeast Asia saw port traffic drop by 5.3% and 3.2%, respectively, while Asia and the Pacific as a whole saw a lower decline of 0.8%. Despite this, as seen in Figure 2.11, there were economies within Asia and the Pacific, such as Bangladesh and the Philippines, that experienced container port traffic declines of at least 10% in 2020.

Figure 2.10: Changes in Airline Passengers and Goods Carried, 2019 to 2020

The volume of airline passengers and goods carried plummeted by at least 50% in a number of economies with available data.



Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China.

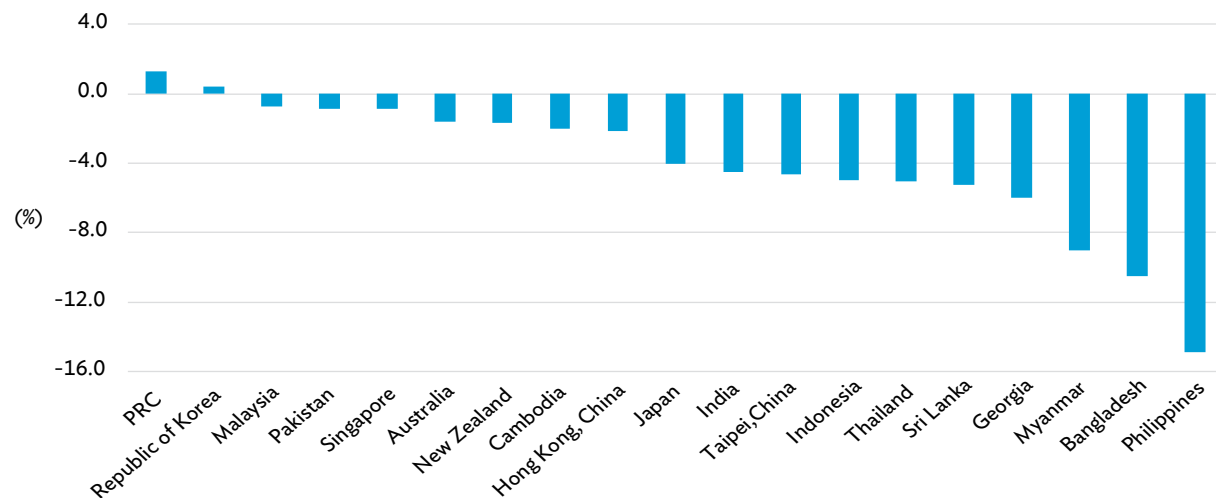
Note: Legends refer to 2020 international travel restrictions, which cover land and air.

Source: Table 2.5.6 of Key Indicators for Asia and the Pacific 2022.

[Click here for figure data](#)

Figure 2.11: Changes in Container Port Traffic, 2019 to 2020

In more than one-third of reporting economies, container port traffic dropped by at least 5% from 2019 to 2020.



PRC = People's Republic of China.

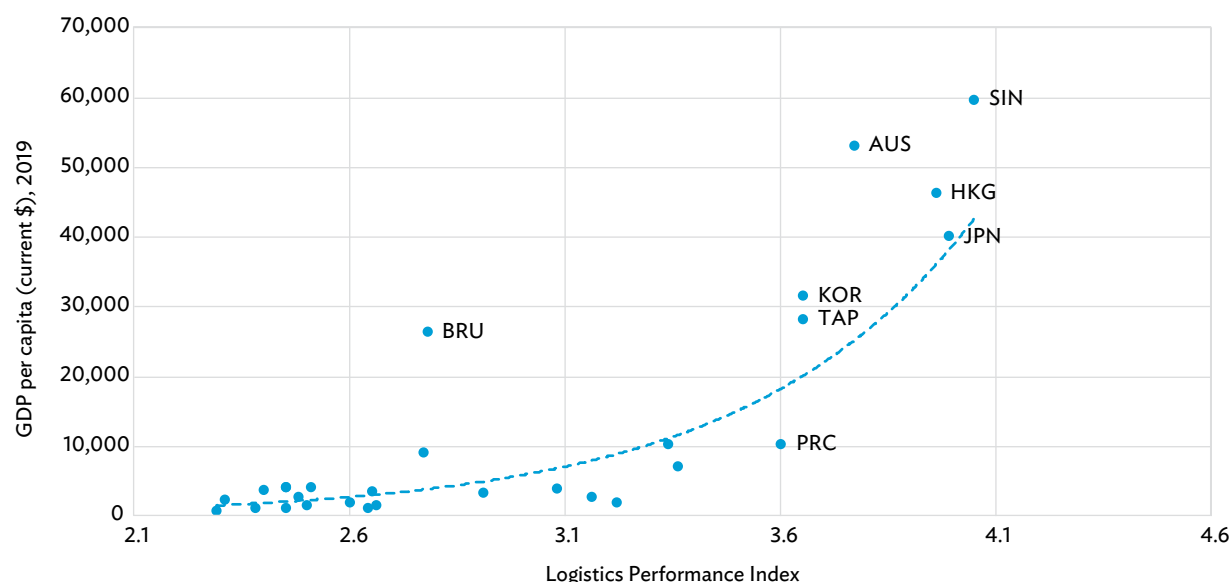
Source: Table 2.5.7 of Key Indicators for Asia and the Pacific 2022.

[Click here for figure data](#)

As economies recover from the COVID-19 pandemic, there are several factors that may affect future logistics performance. These include investments in digital technology and reconfiguration of global value chains (IFC 2020a). As the pandemic ushered in tech-driven innovations, those economies that invest in robust digital capabilities to facilitate more efficient movement, storage, and flow of goods are more likely to be more resilient to future shocks or other disruptions. Economies that experienced severe supply disruptions during the pandemic may also decide to diversify by nearshoring or reshoring value chains.

Figure 2.12: Correlation Between Logistics Performance and Gross Domestic Product per Capita

Higher-income economies generally score higher in logistics performance.



\$ = United States dollar; AUS = Australia; BRU = Brunei Darussalam; GDP = gross domestic product; HKG = Hong Kong, China; JPN = Japan; KOR = Republic of Korea; PRC = People's Republic of China; SIN = Singapore; TAP = Taipei, China.

Note: The Logistics Performance Index is based on six components, including (i) customs performance, (ii) infrastructure quality, (iii) ease of arranging shipments, (iv) competence and quality of logistics services, (v) ability to track and trace consignments, and (vi) timeliness of shipments. Each component is scored a value ranging from 1 to 5, with 5 representing highest quality or performance and principal component analysis used to derive an aggregate score.

Source: Table 2.5.7 of *Key Indicators for Asia and the Pacific 2022*.

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Information and Communication Technology Steps Forward

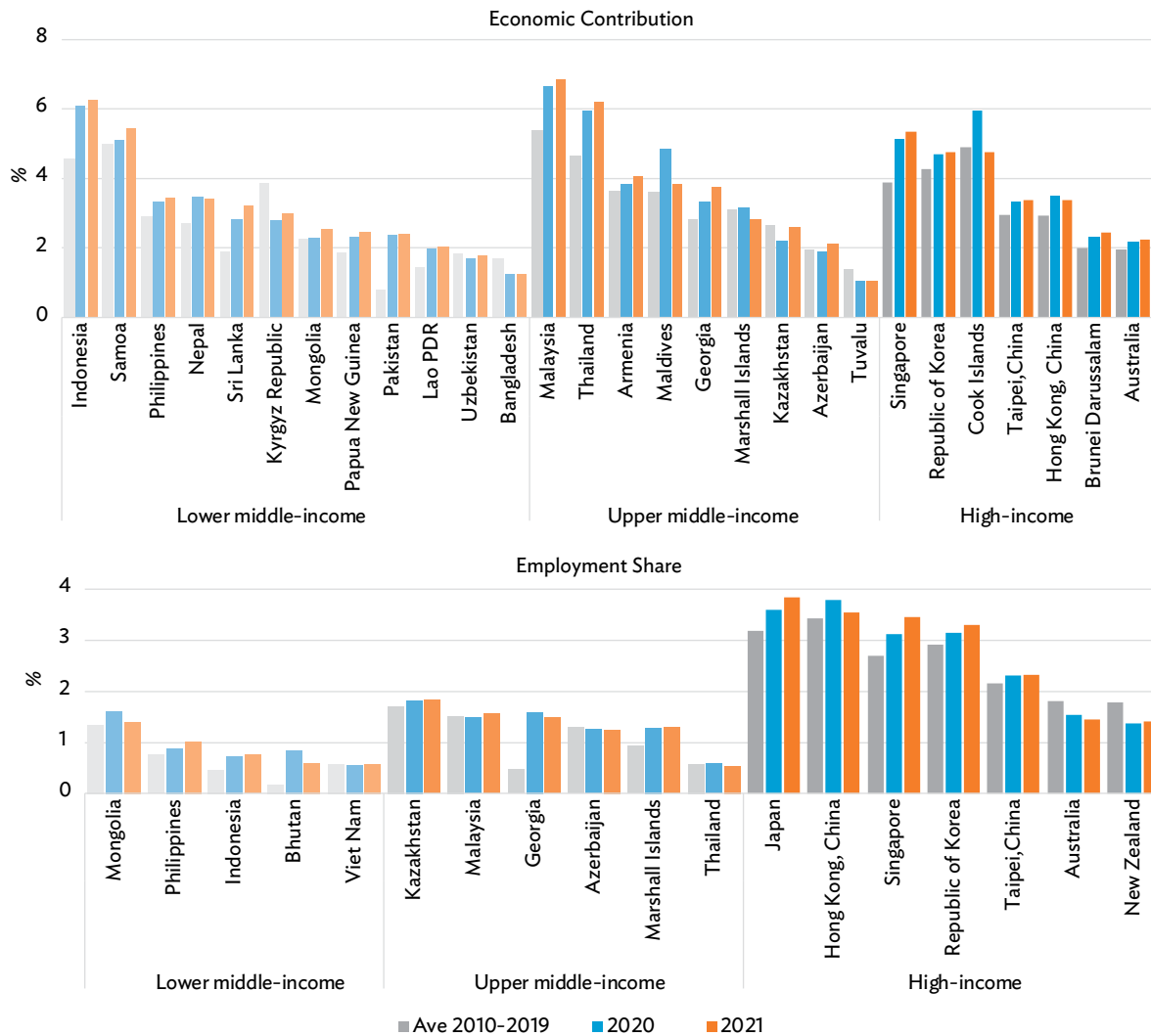
Parts of the information and communication technology (ICT) sector expanded significantly during the COVID-19 pandemic. The increased prevalence of work-from-home arrangements boosted demand for reliable and cost-effective internet connection while construction of data centers occurred at an accelerated pace.

Even before the COVID-19 pandemic, the ICT sector's economic contribution had gradually expanded.

Despite the diminutive size of the sector, Figure 2.13 illustrates the increasing role of ICT in many economies of Asia and the Pacific in the decade prior to the pandemic. This partly reflects how the ICT sector and ICT-enabled industries are regarded as potential growth powerhouses for the future, permeating many sectors such as health, education, and social protection, among others, as the world witnesses a transformational shift into more technology-related economic activities.

Figure 2.13: Economic Contribution and Employment Share of the Information and Communication Sector

Since 2010, the information and communication sector has made a gradually expanding contribution to GDP and job creation.



GDP = gross domestic product, Lao PDR = Lao People's Democratic Republic.

Note: The "Ave 2010-2019" bar shows the simple average of all the calculated individual percentage shares for each year from 2010 to 2019. Income groupings follow the World Bank Group's classification as of July 2022.

Source: Asian Development Bank estimates using data presented in individual economy tables available at <https://kidb.adb.org>.

[Click here for figure data](#)

The ICT sector helped economies navigate the pandemic by providing efficient tools for remote work and other business continuity arrangements.

In the midst of the COVID-19 pandemic, the ICT sector played a critical role in keeping society linked, ensuring business continuity, and steering pandemic response.³ As lockdowns and social distancing measures were implemented, telecommuting tools such as video conferencing proved useful for maintaining social contact and working remotely (Jinjarak et al. 2021). Digital technology also served as an important mechanism

³ Digital infrastructure (such as fiber, telecommunications towers, active networks, and data centers), operators (mobile and fixed broadband, data centers, and cloud computing), and applications (broadband connections, telephony, video, e-commerce, and others) make up the telecommunications services industry (IFC 2020b).



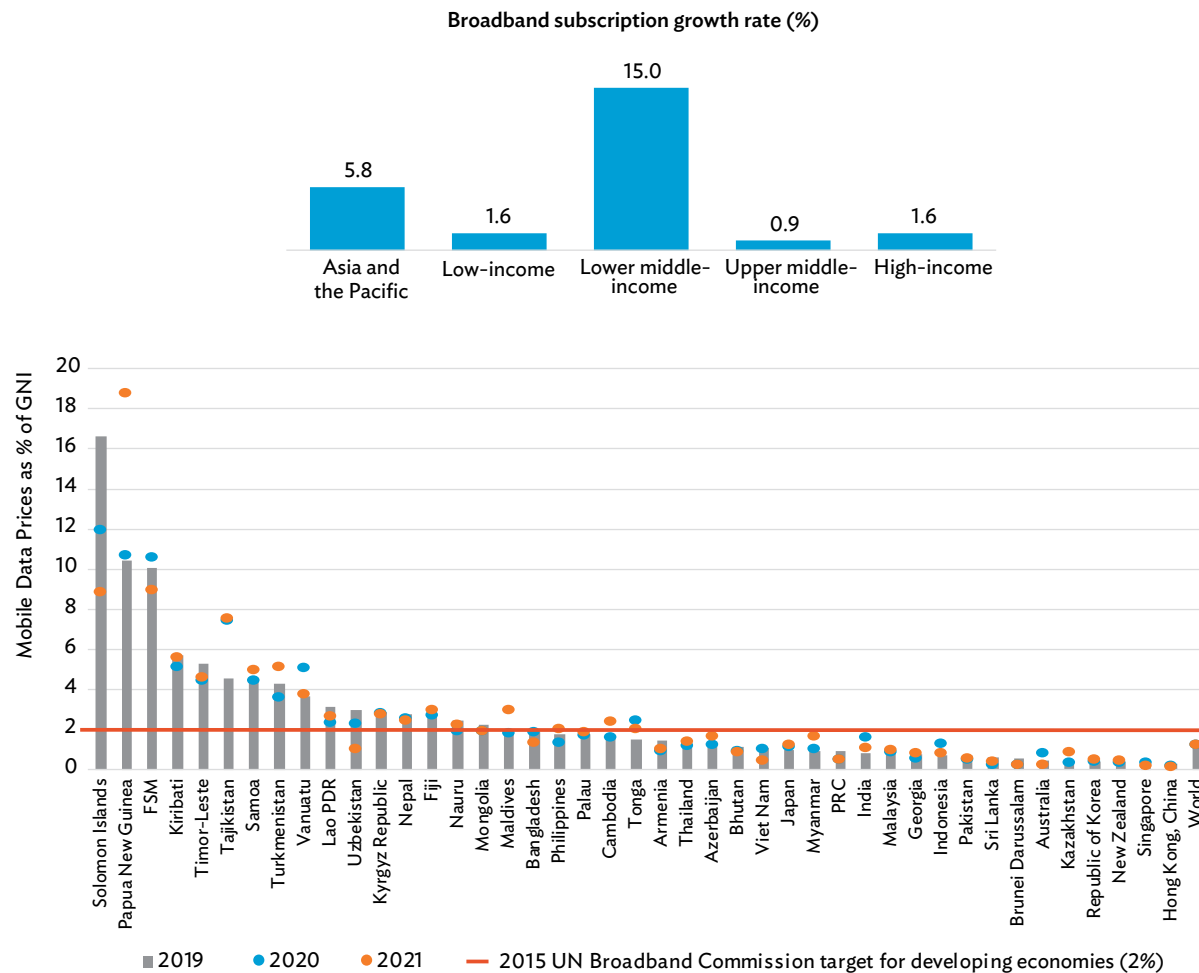
to deliver health care and education and facilitate trade and other important financial services. In fact, while total GDP contracted in many parts of Asia and the Pacific, a number of economies saw the economic output of their ICT sectors grow in 2020. There are, however, notable variations across the region, as seen in Figure 2.14. In a number of lower middle-income economies, the rate of growth in the ICT sector remained low. This may lead to greater divergence in this sector and, to the extent that the ICT sector enables growth in other sectors, could point to broader economic divergence between economies.

Although access to the internet is expanding, prices remain prohibitively expensive for some low-income societies.

With the pandemic amplifying the need for reliable internet connections, Asia and the Pacific posted substantial increases in mobile and fixed broadband subscriptions during 2020. Estimates suggest that the region's lower middle-income economies exhibited the fastest growth, at an average of 15.0% from 2019 to 2020 (Figure 2.14). This increase could be attributed to lower prices of services coupled with increasing demand (ITU 2020). Figure 2.14 shows the affordability of broadband data prices as a percentage of gross national income (GNI) from the International Telecommunication Union (ITU). Across the globe, mobile data prices became more affordable in 2020 as compared to 2019. The world's 2020 mobile data average price was below the UN Broadband Commission's target of 2% of GNI for 2025. However, several economies in the Asia and Pacific region still reported prices way beyond the 2% target. This could pose challenges for a region where roughly 55% of the population still do not have access to the internet (ITU 2021). Tables 2.5.8 and 2.5.9 present economy-level estimates of indicators such as each economy's number of internet users, among other related indicators.

Figure 2.14: Changes in Broadband Subscription Rates and Mobile Data Prices

Broadband internet subscriptions among lower middle-income economies increased by 15% in 2020, but prices remained expensive for a number of developing ADB member economies.



ADB = Asian Development Bank, FSM = Federated States of Micronesia, GNI = gross national income, Lao PDR = Lao People's Democratic Republic, PRC = People's Republic of China.

Note: Figure on broadband subscription rates refers to the growth rate between 2019 and 2020 and include only economies with data for 2019 and 2020.

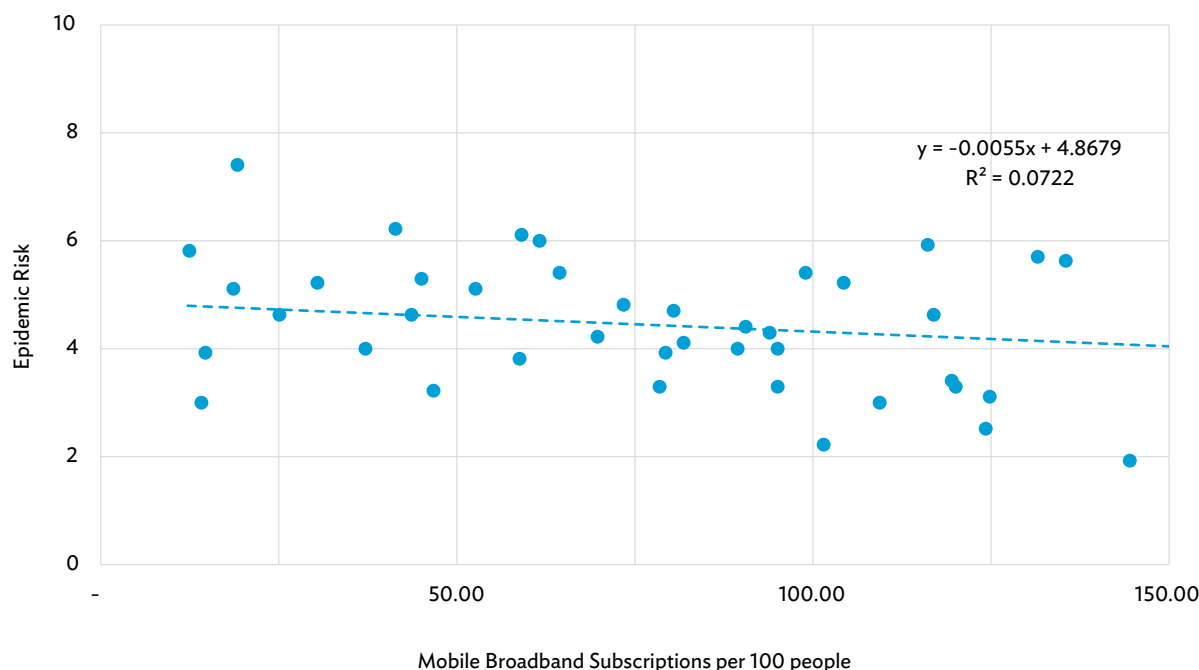
Sources: Asian Development Bank estimates using broadband subscription data from the International Telecommunications Union. <https://www.itu.int/> (accessed on 16 May 2022); and mobile prices data from the International Telecommunications Union website (accessed on 14 May 2022).

[Click here for figure data](#)

Figure 2.15 illustrates the correlation between an economy's epidemic risk (vulnerabilities to epidemic-prone diseases as well as epidemic prevention and preparedness tactics) and its level of access to internet connection. There is a negative correlation between epidemic risk and broadband subscriptions perhaps because, in economies with wider internet access, societies can facilitate timely flow of the information necessary to respond efficiently to fast-evolving situations (Jiang and Ryan 2020). In addition to expanding internet access, it is also important to strengthen the security of the data centers that house computer systems and associated components. As seen during the pandemic, reliable internet connections facilitate effective work and study at home when lockdowns are essential to contain infection rates (Jiang and Ryan 2020).

Figure 2.15: Correlation Between Epidemic Risk and Internet Broadband Subscriptions

There is a negative correlation between epidemic risk and depth of internet connection.



Note: Data on epidemic risk were compiled in 2018 under the technical lead of the European Commission's Joint Research Center and in close collaboration with the World Health Organization for the epidemic components. The Epidemic Risk Index uses a data-driven model to assess national and subnational vulnerabilities and risks to epidemic-prone diseases, as well as a simulation platform to test epidemic prevention and preparedness tactics. The risk score ranges from 0 to 10, where 10 is the highest risk.

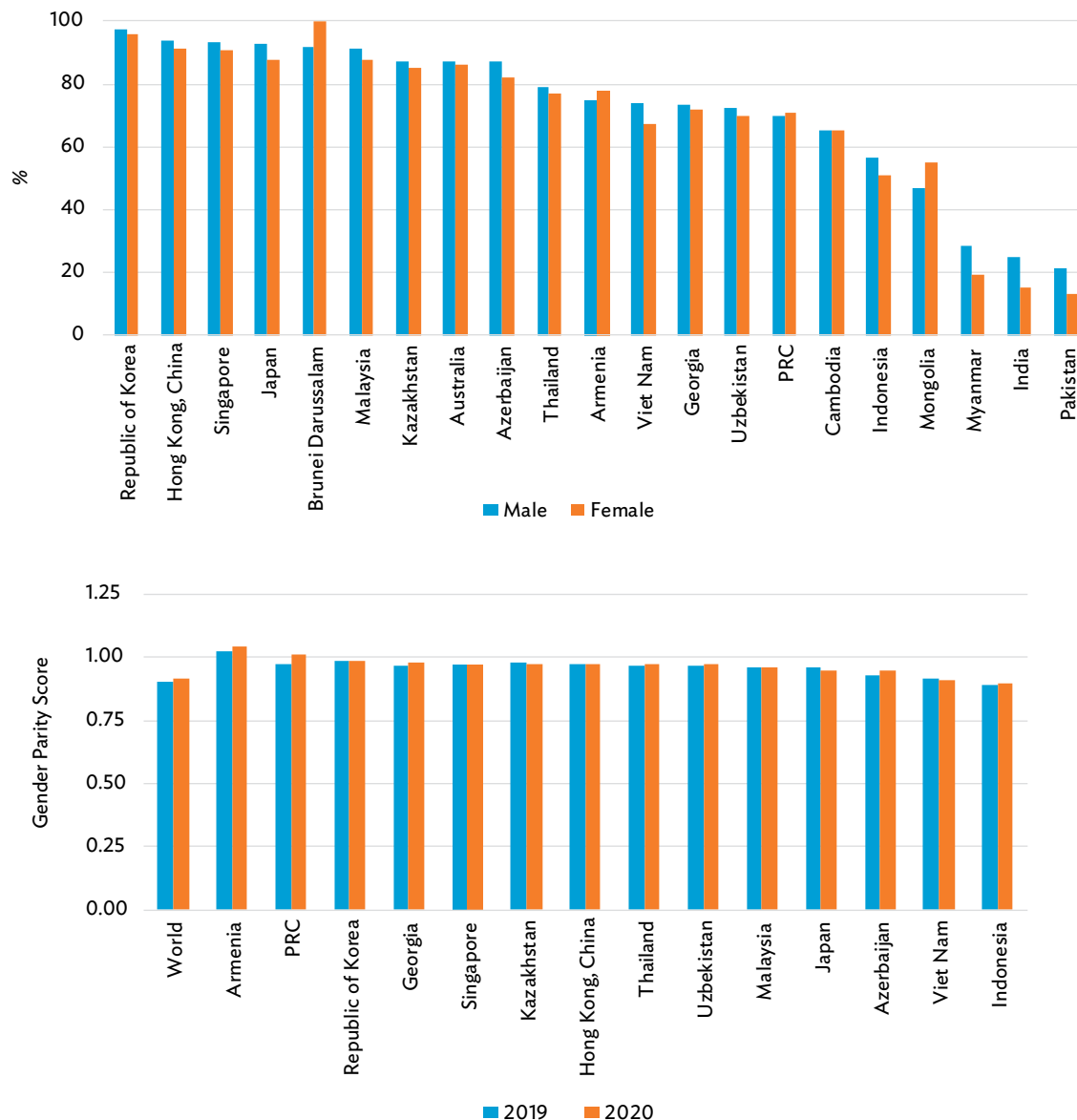
Sources: International Telecommunications Union. <https://www.itu.int/> (accessed on 16 May 2022); and European Union- Joint Research Center. INFORM Epidemic Risk Index. <https://drmkc.jrc.ec.europa.eu/inform-index/Other-INFORM-Products/INFORM-Epidemic-Risk-Index> (accessed 22 June 2022).

[Click here for figure data](#)

There is a further need to narrow the digital divide across genders. Figure 2.16 shows that, in general, women in Asia and the Pacific are less likely to use the internet than their male counterparts are. In fact, in some economies, women are nearly half as likely as men to use the internet. Figure 2.17 also shows that women's share of employment in ICT is lower than for men in most economies, regardless of the economy's income level. Furthermore, there are studies suggesting that gender disparities in internet use (and the digital divide in general) may also vary across economic sectors (Okuda, Cappelle, and Bell 2022). Providing women and girls with greater ICT access and use of digital technologies, particularly in economies and sectors where gender disparities are more pronounced, can help improve their social mobility prospects by giving them more opportunities to be entrepreneurial and sell products to wider markets, find better-paid work, and access important services for education, health, and financial advice.

Figure 2.16: Proportion of Individuals Using the Internet (by Gender) and Gender Parity Score in Internet Use

Men were more likely than women to use the internet in most economies of Asia and the Pacific. However, the gender parity scores of regional economies were, in general, better than the world average. In 2020, there were hints of better gender parity in internet use.



PRC = People's Republic of China.

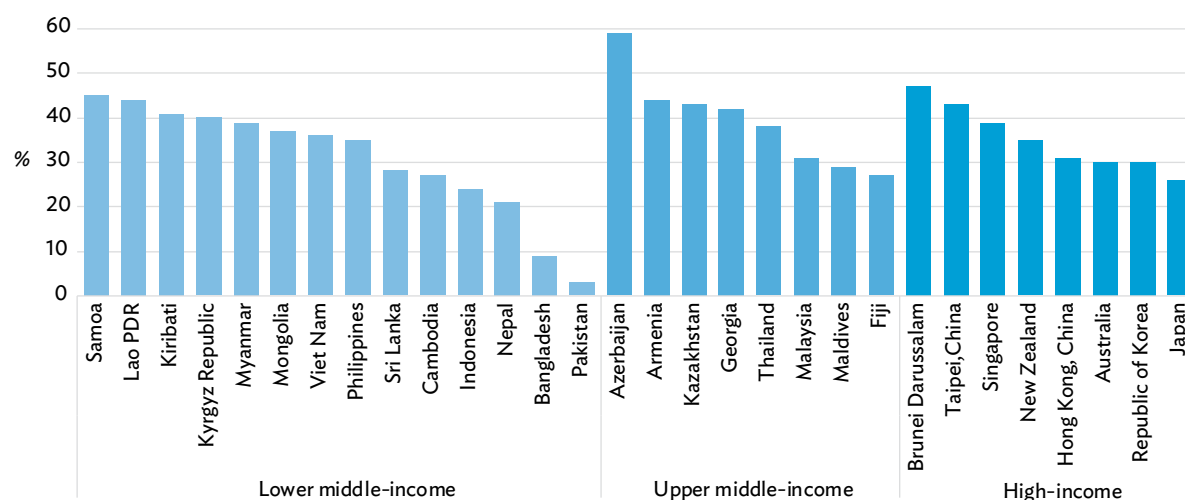
Note: The gender parity scores are calculated as the proportion of women who use the internet, divided by the proportion of men who use the internet. A value lower than 1 indicates that men are more likely than women to use the internet, while a value greater than 1 indicates that women are more likely than men to use the internet.

Sources: For gender disaggregated data on internet use: International Telecommunications Union. ICT Statistics by Gender. <https://www.itu.int/ITU-D/ict/statistics/Gender/index.html> (accessed 3 May 2022). For the gender parity index: Asian Development Bank estimates using data from official communication with the International Telecommunications Union, 8 June 2022.

[Click here for figure data](#)

Figure 2.17: Women's Share of Employment in Information and Communication Technology

In general, the proportion of women working in the ICT sector is lower throughout the region.



ICT = information and communication technology, Lao PDR = Lao People's Democratic Republic.

Note: Income groupings follow the World Bank Group's classification as of July 2022.

Source: International Labor Organization. 2019. Tech's Persistent Gender Gap. November 12. <https://ilostat.ilo.org/techs-persistent-gender-gap/>.

[Click here for figure data](#)

Energy and a Glimpse at a Greener Future

The pandemic has presented opportunities to rethink the future of the energy sector across Asia and the Pacific. At the onset of the COVID-19 pandemic, the International Energy Agency estimated that global energy demand dropped by 4.0% due to constrained economic activities (IEA 2021), accompanied by a (temporary) reduction in greenhouse gas (GHG) emissions in 2020. While reduced GHG emissions came at an economic cost, the pandemic brings into focus the need for low-carbon energy systems to facilitate a greener and resilient recovery.

The pandemic delivered sharp reductions in energy demand and fuel prices.

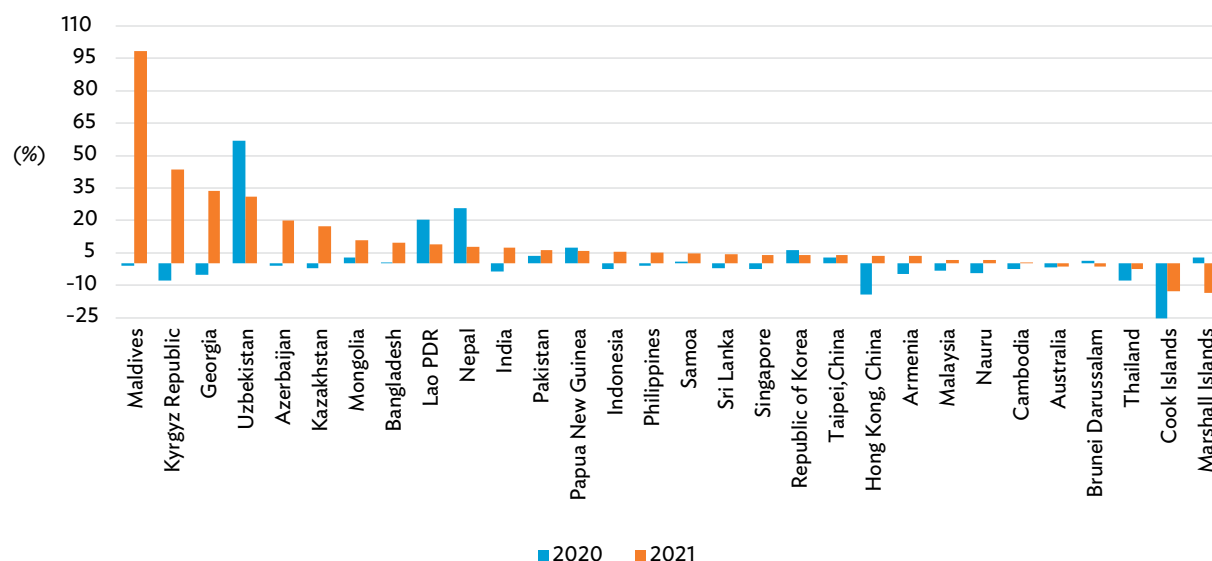
Figure 2.18 shows how the energy sector in each of the region's economies has fared since the COVID-19 pandemic began. In 2020, half of the economies with available data saw their energy sector's economic output contract by approximately 1% to 8%.

Reductions in energy demand presumably impacted fuel prices. In 2020, retail prices of fuel energy declined by at least 0.6% (relative to 2019 prices) as a result of reduced economic activity in several economies (Figure 2.19). However, more recent data show fuel prices increasing again due to increased demand for energy as economies reopen, compounded by supply disruptions caused by tensions between major oil-producing economies.

The pandemic has provided the opportunity to redraw strategies for cleaner energy systems in the future.

Figure 2.18: Changes in the Economic Output of the Energy Sector

In 2020, the economic output of the energy sector contracted in a number of Asia and the Pacific economies, albeit at a slower rate than what was seen in other economic sectors. In 2021, most economies managed to rebound and posted positive growth.



Lao PDR = Lao People's Democratic Republic.

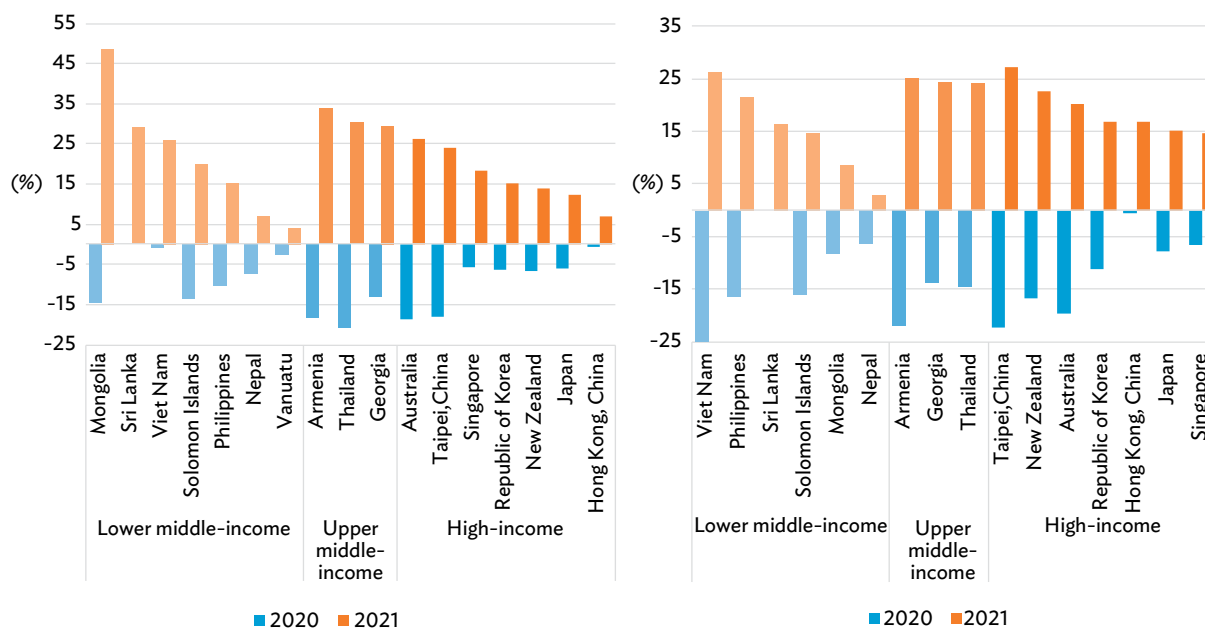
Note: In general, the energy sector includes electricity, gas, steam, and air-conditioning supply; water supply; and sewerage, waste management, and remediation activities. Additional information about underlying data is provided in individual economy tables available at <https://kidb.adb.org>. The 2020 and 2021 figures refer to the growth rates for 2019–2020 and 2020–2021, respectively.

Source: Asian Development Bank estimates using data from the Key Indicators Database. <https://kidb.adb.org> (accessed 29 July 2022).

[Click here for figure data](#)

Figure 2.19: Changes in Gasoline and Diesel Retail Prices, 2020 and 2021

Reductions in energy prices in 2020 were countered by larger increases during 2021.



Note: The 2020 and 2021 figures refer to the growth rates for 2019–2020 and 2020–2021, respectively. Income groupings follow the World Bank Group's classification as of July 2022.

Source: Asian Development Bank estimates using data presented in individual economy tables available at <https://kidb.adb.org>.

[Click here for figure data](#)



Changing views on energy. A motorcyclist passes the Burgos Wind Farm in the Philippines (photo by Al Benavente/ADB).

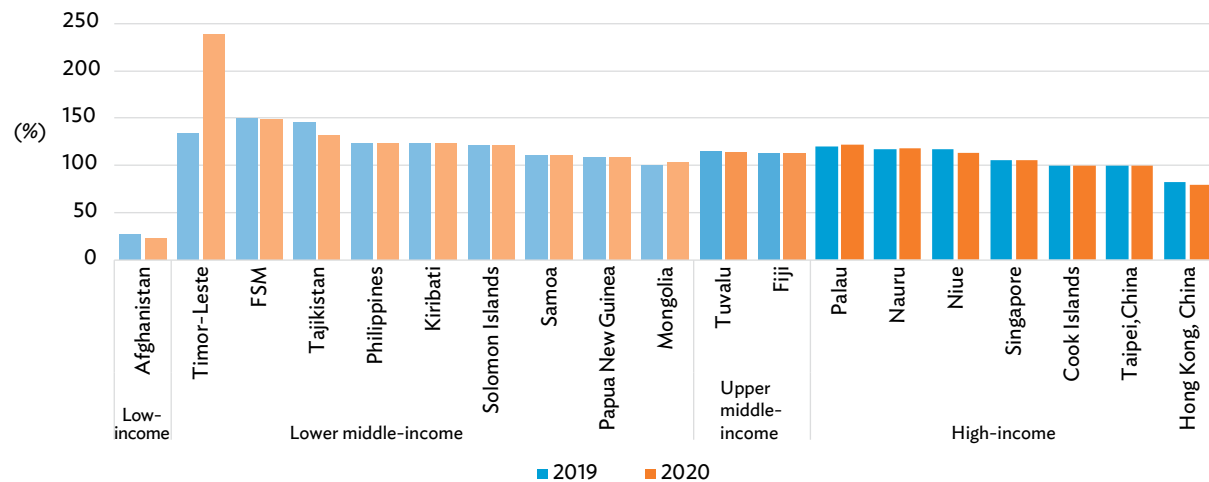
During the COVID-19 pandemic, a reliable energy sector could help meet the needs of hospitals and other health care facilities in providing advanced medical services (ADB 2021b). It could also help sustain economic activity by supplying continuous and reliable electricity for people working from home and in other remote locations. Figure 2.20 shows electricity sufficiency for a range of economies in Asia and the Pacific. This is a measure of energy reliability calculated by dividing electricity production per capita by electricity consumption per capita (multiplied by 100). Prior to the pandemic, most economies with available data were electricity sufficient and half of the reporting economies further improved their sufficiency ratios in 2020.

The pandemic has also provided a glimpse of what it would look like if economies moved away from using fossil fuels as source of energy. Data from the International Energy Agency shows that global carbon dioxide emissions declined by more than 5.8% in 2020 (IEA 2021), primarily due to restrictions on human movements and the associated reduction in vehicular use. Yet, as economies reopen, GHG emissions have started increasing again.

It is therefore important to accelerate efforts toward greener sources of energy. Part I of this publication hinted that, prior to the pandemic, most regional economies with available data showed declines in carbon dioxide emissions per unit of manufacturing value-added, but several economies needed to improve their performance on this important measure. As well as declines in emissions, many upper middle-income and high-income economies also saw faster growth in the amount of electricity produced from alternative sources prior to the pandemic (Figure 2.21). Interestingly, the rate of increase is above average among small island developing states, perhaps because of their strong desire to introduce greener, more financially viable power generation solutions to limit the impacts of climate change (Dornan and Jotzo 2015).

Figure 2.20: Electricity Sufficiency in Selected Economies of Asia and the Pacific

Economies of Asia and the Pacific are generally electricity sufficient, making the region better able to cope in times of crisis.



FSM = Federated States of Micronesia.

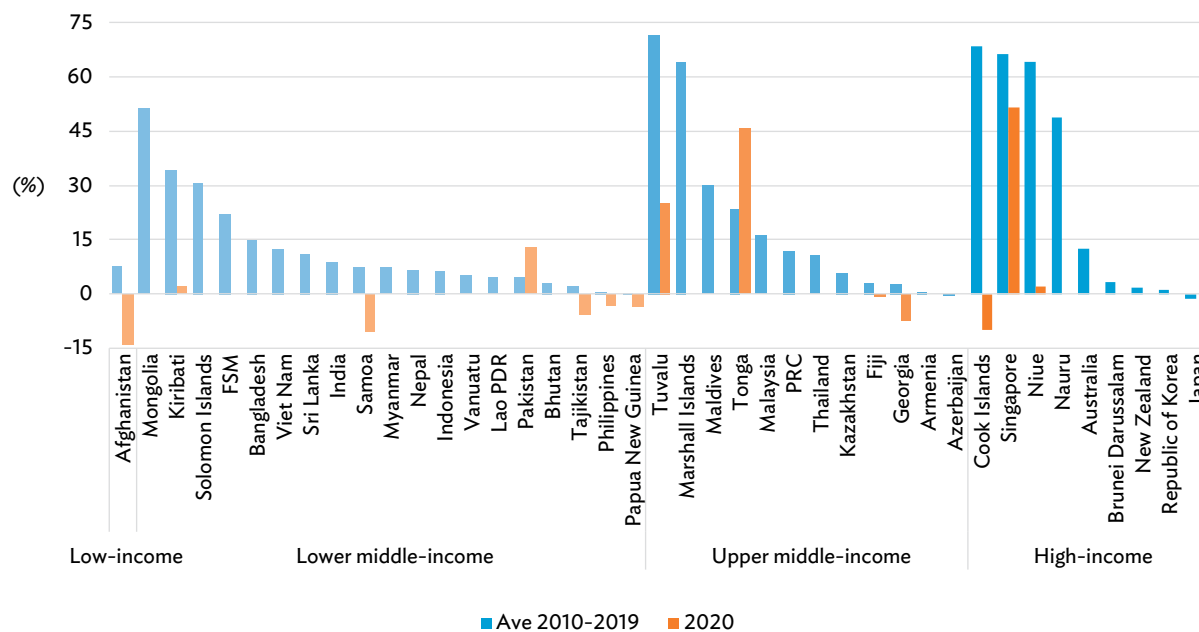
Notes: An electricity sufficiency greater than 100% indicates that electricity production is greater than electricity consumption. Income groupings follow the World Bank Group's classification as of July 2022. For Cook Islands and Niue, the "high-income" classification is based on 2019 gross national income per capita (Atlas method) of \$18,761 and \$16,247, respectively.

Source: Asian Development Bank estimates using data from Table 2.6.1 and Table 2.6.2 of *Key Indicators for Asia and the Pacific 2022* and the United Nations' World Population Prospects 2019.

[Click here for figure data](#)

Figure 2.21: Average Annual Growth Rate of Electricity from Alternative Sources

Growth in electricity from alternative sources is generally faster in upper middle-income and high-income economies, but small island developing states are also ramping their efforts in green energy solutions.



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

Notes: "Alternative sources" refers to hydropower, solar, chemical heat, geothermal, nuclear, tide, other marine electricity, wind, wave, and other sources of energy. The "Ave 2010-2019" bar shows the simple average of all the calculated individual percentage shares for each year from 2010 to 2019. The 2020 data refer to the growth rate from 2019 to 2020. Income groupings follow the World Bank Group's classification as of July 2022. For Cook Islands and Niue, the "high-income" classification is based on 2019 gross national income per capita (Atlas method) of \$18,761 and \$16,247, respectively.

Source: Asian Development Bank estimates using data from Table 2.6.1 of *Key Indicators for Asia and the Pacific 2022* and individual economy tables available at <https://kiddb.adb.org>.

[Click here for figure data](#)

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Population

Table 2.1.1: Midyear Population

ADB Regional Member	Population (million)					Population Growth Rates ^a (%)				
	2010	2015	2019	2020	2021	2010	2015	2019	2020	2021
Developing ADB Member Economies										
Central and West Asia^b	276.6	303.9	337.1	343.5	349.4*	2.0	1.9	1.9	1.9	1.9*
Afghanistan ^c	24.5	27.1	30.7	31.4	...	2.1	2.1	2.2	2.2	...
Armenia	3.1	3.0	3.0	3.0	3.0	-0.7	-0.2	-0.2	-0.2	0.1
Azerbaijan	9.1	9.6	10.0	10.1	10.1	1.2	1.2	0.9	0.7	0.4
Georgia	3.8	3.7	3.7	3.7	3.7	-0.7	0.2	-0.2	0.1	-0.4
Kazakhstan	16.1	17.5	18.5	18.8	19.0	1.7	1.5	1.3	1.4	1.3
Kyrgyz Republic ^c	5.4	5.9	6.4	6.5	6.6	1.3	2.1	2.1	2.1	1.7
Pakistan	173.5	191.7	216.1	220.4	224.8	2.1	2.0	2.0	2.0	2.0
Tajikistan	7.5	8.5	9.2	9.4	9.8*	2.5	2.4	2.2	2.0	1.7*
Turkmenistan	5.1	5.6	5.9	6.0	6.1	1.6	1.8	1.6	1.5	1.4
Uzbekistan	28.6	31.3	33.6	34.2	34.9	2.9	1.8	1.9	1.9	2.0
East Asia^b	1,423.3	1,468.0	1,496.2	1,498.4	1,498.6	0.5	0.5	0.3	0.1	0.0
China, People's Republic of ^c	1,340.9	1,383.3	1,410.1	1,412.1	1,412.6	0.5	0.5	0.3	0.1	0.0
Hong Kong, China	7.0	7.3	7.5	7.5	7.4	0.7	0.9	0.7	-0.4	-0.9
Korea, Republic of	49.6	51.0	51.8	51.8	51.7	0.5	0.5	0.3	0.1	-0.2
Mongolia	2.7	3.0	3.3	3.4	3.4	1.6	2.1	1.8	1.8	1.6
Taipei, China	23.1	23.5	23.6	23.6	23.5	0.3	0.2	0.1	-0.0	-0.4
South Asia^b	1,382.6	1,492.6	1,561.2	1,577.4	1,594.4	1.4	1.2	1.1	1.1	1.0
Bangladesh	148.6	158.9	166.5	168.2	171.7	1.4	1.4	1.4	1.4	1.4
Bhutan	0.7	0.8	0.7	0.7	0.8	1.8	1.6	1.0	0.9	1.0
India ^c	1,186.0	1,284.0	1,343.0	1,357.0	1,370.0	1.4	1.2	1.1	1.1	1.0
Maldives	0.4	0.5	0.5	0.6	0.6	2.3	3.9	4.3	4.4	2.0
Nepal	26.3	27.5	28.6	28.9	29.2	1.4	1.0	1.0	1.0	0.9
Sri Lanka	20.7	21.0	21.8	21.9	22.2	1.0	0.9	0.6	0.5	1.1
Southeast Asia^b	589.2	630.7	657.2	664.3	669.9*	1.2	1.3	1.0	1.1	0.8*
Brunei Darussalam	0.4	0.4	0.5	0.5	0.4*	1.8	1.2	3.9	-1.3	-5.2*
Cambodia	14.1	15.1	16.0	16.2	16.6	1.3	1.4	1.4	1.4	1.5
Indonesia	237.6	255.6	266.9	270.2	272.7	1.4	1.4	1.0	1.2	1.0
Lao People's Democratic Republic	6.0	6.5	6.9	7.0	7.1	1.5	1.4	1.4	1.4	1.4
Malaysia	28.6	31.2	32.5	32.6	32.7	1.8	1.6	0.4	0.2	0.2
Myanmar ^c	50.2	52.5	54.3	54.8	55.3	0.7	0.9	0.9	0.9	0.9
Philippines	93.1	100.8	107.3	109.0	110.2	1.0	1.7 (2016)	1.5	1.6	1.1
Singapore	5.1	5.5	5.7	5.7	5.5	1.8	1.2	1.2	-0.3	-4.1
Thailand	65.9	68.0	69.3	69.5	69.7	0.6	0.6	0.3	0.3	0.3
Timor-Leste	1.1	1.2	1.3	1.3	1.3	1.8	1.9	2.0	2.0	1.9
Viet Nam	87.1	92.2	96.5	97.6	98.5	1.2	1.1	1.2	1.1	0.9
The Pacific^{b,d}	9.3	10.6*	11.8*	12.1*	12.4*	2.7	2.7*	2.7*	2.7*	2.7*
Cook Islands	23.7	18.4*	20.2*	17.9*	18.2*	1.1	-*	1.6	-2.3	0.3
Fiji	850.7	869.5	889.3	891.4	893.5	0.6	0.4	0.6	0.6	0.6
Kiribati ^c	103.1	110.1	117.5	119.4	124.0	2.2	1.3	1.6	1.6	3.8
Marshall Islands	52.9	54.0	54.8*	55.0*	...	1.1	0.4	0.4*	0.4*	...
Micronesia, Federated States of ^c	102.8	103.7	104.5*	104.6*	104.8*	-0.5	0.2	0.2*	0.2*	0.2*
Nauru	9.7	10.8	11.6	11.7*	11.9*	1.9	1.7	1.6	1.6	1.6*
Niue	1.6 (2011)	1.5	1.9*	1.9*	...	1.4 (2013)	1.5	4.4	1.4*	...
Palau	18.3	17.7	17.5	17.6*	17.5*	-1.9	1.8	-0.5*	0.8	-0.6
Papua New Guinea	7,055.4	8,225.6	9,300.0	9,589.9	9,888.8	3.1	3.1	3.1	3.1	3.1
Samoa	185.9	193.8	200.3	201.9	203.6	0.8	0.8	0.8	0.8	0.8
Solomon Islands	555.5	625.6	680.8	694.6	708.5	2.6 (2011)	2.3	2.1	2.0	2.0
Tonga	102.8	101.7	99.6	99.0	98.5	0.2	-0.5	-0.5	-0.5	-0.5
Tuvalu	11.1	10.7	10.6	10.6	10.5	0.5	-0.3	-0.3	-0.3	-0.3
Vanuatu	239.7	268.6	291.7	297.2	304.0	2.4	2.3	2.3	1.9	2.3
Developed ADB Member Economies^b	154.5	155.6	156.6	156.6	156.5	0.3	0.2	0.1	0.0	-0.1
Australia	22.0	23.8	25.4	25.7	25.7	1.5	1.4	1.5	1.3	0.2
Japan	128.1	127.1	126.3	125.8	125.7	0.0	-0.1	-0.2	-0.3	-0.1
New Zealand	4.4	4.6	5.0	5.1	5.1	1.1	2.1	1.6	2.2	0.4
DEVELOPING ADB MEMBER ECONOMIES^b	3,681.1	3,905.9*	4,063.6*	4,095.8*	4,124.8*	1.0	1.0*	0.9*	0.8*	0.7*
ALL ADB REGIONAL MEMBERS^b	3,835.6	4,061.5*	4,220.2*	4,252.4*	4,281.3*	1.0	1.0*	0.9*	0.8*	0.7*
WORLD	6,956.8	7,379.8	7,713.5	7,794.8	7,875.0	1.2	1.2	1.1	1.1	1.0

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

a The annual population growth rate is calculated as the percentage change in population when comparing the reference year with the year prior. For example, the population growth rates under the column heading "2020" refer to population growth from 2019 to 2020.

b Regional population totals include only reporting economies with data corresponding to the year heading, while regional population growth rates are estimated as a weighted average of the annual population growth rates of the reporting economies. Weights are based on the total population of the region for the years in which the reporting economies have published the annual growth rates.

c Estimates of population size are as of: 1 January for the Kyrgyz Republic; 10 June for Afghanistan; 30 September for the Federated States of Micronesia; 1 October for India and Myanmar; 7 November for Kiribati; and 31 December for the People's Republic of China.

d The total population for the Pacific subregion is expressed in millions, while estimates of population size for ADB developing member economies in the Pacific are expressed in thousands.

Sources

Economies' official sources. For Lao PDR (2000–2004), Nauru (2020 and 2021), Nepal (2012–2020), Papua New Guinea, Uzbekistan: Asian Development Bank estimates using data from the economies' official sources. For Korea (2021): Asian Development Bank estimates using data from the bank's Basic Statistics 2022 publication. For Myanmar (2010): World Bank, World Development Indicators. <http://databank.worldbank.org/data/reports.aspx?source=world-development-indicators#> (accessed 1 July 2017). For Nauru (2000–2012): Secretariat of the Pacific Community. <http://www.spc.int/sdd/> (accessed 14 May 2016). For Nauru (2012–2013): International Monetary Fund, Staff Country Reports. Republic of Nauru: 2017 Article IV. <http://www.imf.org/en/Publications/CR/Issues/2017/04/03/Republic-of-Nauru-2017-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-44794> (accessed 9 May 2021). For Turkmenistan and World: United Nations, World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 05 April 2022).

Table 2.1.2: Migration and Urbanization

ADB Regional Member	Net International Migration Rate ^a (per 1,000 population)		Urban Population ^b (% of total population)						
	2010–2015	2016–2021	2010	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies									
Central and West Asia	...	...	39.2	42.4	39.0	39.0	39.1	39.2	39.3*
Afghanistan ^c	3.3	-1.5	23.2	25.0	25.3	25.0	25.3	25.6	...
Armenia	-2.1	-1.7	63.4	63.1	63.1	63.1	63.2	63.3	63.4
Azerbaijan	0.2	-	53.0	53.0	53.0	52.9	52.8	53.0	52.9
Georgia	-4.7	-2.5	56.5	57.9	58.2	58.5	58.9	59.2	59.5
Kazakhstan	1.9	-	53.8	57.1	57.3	57.6	58.3	58.8	59.2
Kyrgyz Republic	-3.3	-1.5	34.1	33.7	33.8	33.9	34.0	34.2	34.4
Pakistan	-1.1	-0.9	36.9	41.7	36.5	36.6	36.7	36.8	36.8
Tajikistan	-3.4	-2.0	26.4	26.9	26.3	26.4	26.3	26.3	26.3*
Turkmenistan ^d	-1.9	-0.6	48.5	50.7	51.2	51.6	52.0	52.5	53.0
Uzbekistan	-0.4	-0.3	51.5	50.6	50.6	50.6	50.5	50.6	50.7
East Asia	...	...	51.5	59.9	61.2	62.4	63.5	64.6	65.4
China, People's Republic of	-0.2	-0.3	50.0	58.8	60.2	61.5	62.7	63.9	64.7
Hong Kong, China	2.1	3.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Korea, Republic of ^d	1.6	0.4	81.9	81.6	81.5	81.5	81.4	81.4	81.4
Mongolia	-0.3	-0.3	69.2	68.3	67.6	67.9	68.5	69.0	69.4
Taipei, China ^e	1.5	1.0	59.3	61.0	61.1	60.9	61.0	61.1	61.1
South Asia	...	...	29.1	32.8	33.1	33.6	33.9	35.0	35.4
Bangladesh ^d	-3.0	-2.1	25.9	35.1	35.9	36.6	37.4	38.2	38.9
Bhutan ^d	0.1	0.4	34.8	39.4	37.8	40.9	40.9	42.3	43.0
India	-0.4	-0.3	29.9	33.0	33.3	33.7	34.0	34.3	34.6
Maldives ^d	28.4	-16.3	36.4	39.0	39.4	39.8	40.2	40.7	41.3
Nepal ^f	-15.1	5.1	16.6	19.6	20.1	20.8	21.4	62.4	63.2
Sri Lanka ^d	-4.7	-4.0	18.2	18.3	18.4	18.5	18.6	18.7	18.9
Southeast Asia	...	...	44.2	47.8	48.3	48.8	49.4	50.2	50.8
Brunei Darussalam ^d	-0.4	-	75.0	77.0	77.3	77.6	77.9	78.3	78.6
Cambodia ^d	-2.0	-1.7	20.3	22.6	23.0	23.4	23.8	24.2	24.7
Indonesia ^d	-0.4	-0.4	49.9	54.0	54.7	55.3	56.0	56.6	57.3
Lao People's Democratic Republic ^d	-3.5	-2.0	30.1	33.7	34.4	35.0	35.6	36.3	36.9
Malaysia	1.7	1.5	71.0	74.8	75.2	75.6	76.2	76.7	77.3
Myanmar ^d	-2.0	-0.7	28.9	29.4	29.5	30.0	30.0	31.1	31.4
Philippines ^d	-1.7	-0.6	45.3	46.5	46.7	46.9	47.1	47.4	47.7
Singapore	11.8	4.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Thailand ^g	0.5	0.3	42.0	50.0	51.0	52.3	53.6	54.8	56.0
Timor-Leste	-4.9	-3.6	27.7	29.8	30.2	30.6	30.9	31.3	31.7
Viet Nam	-0.9	-0.9	30.4	33.7	33.9	34.2	35.0	36.8	37.1
The Pacific	...	...	18.6	18.8	18.9	18.9	19.0	19.1*	19.2
Cook Islands ^d	...	...	73.3	74.6	74.8	75.1	75.3	75.5	75.7
Fiji	-12.0	-3.7	52.2	55.2	55.9	56.2	56.8	57.2	57.6
Kiribati	-7.7	-3.2	47.4	52.4	53.3	54.1	54.8	55.6	56.3
Marshall Islands ^d	...	...	73.6	76.2	76.6	77.0	77.4	77.8	78.2
Micronesia, Federated States of ^d	-5.7	-5.1	22.3	22.5	22.6	22.7	22.8	22.9	23.1
Nauru ^d	...	...	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Niue ^d	...	...	38.7	43.3	44.1	44.8	45.5	46.2	46.9
Palau	...	...	77.0	78.7 (2015)	...	...	...	78.9*	...
Papua New Guinea ^d	-0.1	-0.1	13.0	13.1	13.1	13.2	13.3	13.3	13.5
Samoa	-12.8	-7.5	19.9	19.1	19.0	18.9	18.8	18.8	18.7
Solomon Islands ^d	-2.8	-2.2	20.0	22.8	23.3	23.7	24.2	24.7	25.1
Tonga	-25.4	-7.4	23.4	23.1	23.0	22.8	22.6	22.5	23.1
Tuvalu ^d	...	...	54.8	60.6	61.5	62.4	63.2	64.0	64.8
Vanuatu	1.4	-	24.4	24.9	24.9	25.0	25.1	25.2	25.3
Developed ADB Member Economies	...	...	89.9	90.5	90.5	90.6	90.7	90.7	90.8
Australia	8.6	5.2	85.7	86.5	86.7	86.8	86.9	87.0	86.9
Japan ^d	0.6	0.5	90.8	91.5	91.5	91.6	91.7	91.8	91.9
New Zealand	4.0	2.5	83.9	84.0	84.1	84.1	84.1	84.0	83.9
DEVELOPING ADB MEMBER ECONOMIES	...	...	40.9	46.1	46.5	47.1	47.7	48.6*	49.1*
ALL ADB REGIONAL MEMBERS	...	...	42.9	47.8	48.1	48.7	49.3	50.2*	50.6*
WORLD	...	...	51.6	54.4	54.8	55.3	55.7	56.2	56.6

... = data not available; * = provisional, preliminary, estimate; - = magnitude equals zero; ADB = Asian Development Bank.

- a Refers to annual average migration over the period shown. United Nations population estimates and projections are based on all available sources of data on population size and levels of fertility, mortality, and international migration. Statistics on international migration are sourced from population registers and other administrative sources. These estimates and projections are made for 235 distinct national economies or areas comprising the total population of the world.
- b In estimating the aggregates for Asia and the Pacific, imputation was done for economies with missing data by substituting available data from the nearest years. The aggregates were derived using data on total population and percentage of urban population from economies' official sources and the United Nations' World Urbanization Prospects 2018 and World Population Prospects 2019.
- c For urban population, refers to the share of urban population to total resident population, i.e., excluding the nomadic population.
- d For urban population, refers to data from World Urbanization Prospects 2018 for: 2014–2021 for Bangladesh; 2016, 2018, 2020, and 2021 for Bhutan; 2000–2020 for Maldives; 2000–2013, 2020, and 2021 for Myanmar; and the whole data series for Brunei Darussalam, Cambodia, the Cook Islands, the Federated States of Micronesia, Indonesia, Japan, the Lao People's Democratic Republic, the Marshall Islands, Nauru, Niue, Papua New Guinea, the Philippines, the Republic of Korea, Solomon Islands, Sri Lanka, Turkmenistan, and Tuvalu.
- e For urban population, refers to localities of 100,000 or more inhabitants.
- f For 2000, the figure is an estimate based on the 2001 census. For 2002–2010 and 2012 onward, the figures are estimates based on the 2011 census and refer to 58 urban municipalities. For 2020 onward, data refer to 293 urban municipalities.
- g For urban population, data for 2010 onward include non-Thai citizens who are listed in the civil registration.

Sources: For net international migration rate: United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Migration/> (accessed 08 July 2022). For urban population: economies' official sources; and United Nations. World Urbanization Prospects 2018. <https://population.un.org/wup/Download/> (accessed 30 June 2022).

Population

Table 2.1.3: Proportion of Total Population by Age Bracket, and Age Dependency Ratio

ADB Regional Member	Population Aged 0–14 Years (% of total population)				Population Aged 15–64 Years (% of total population)			
	2010	2015	2020	2021	2010	2015	2020	2021
Developing ADB Member Economies								
Central and West Asia	35.9	34.7	34.1	33.9	59.7	60.9	61.3	61.4
Afghanistan	48.2	44.9	41.8	41.2	49.5	52.6	55.5	56.1
Armenia	19.5	20.1	20.8	20.8	69.5	69.0	67.4	66.9
Azerbaijan	22.8	22.9	23.5	23.4	71.3	71.4	69.7	69.5
Georgia	18.0	19.0	20.2	20.3	67.8	66.7	64.5	64.2
Kazakhstan	24.1	26.7	29.1	29.2	69.1	66.5	63.0	62.7
Kyrgyz Republic	29.9	31.5	32.6	32.6	65.6	64.2	62.6	62.5
Pakistan	37.7	35.9	34.8	34.6	58.1	59.8	60.8	61.0
Tajikistan	35.7	35.8	37.3	37.4	61.0	61.2	59.6	59.3
Turkmenistan	29.5	30.4	30.8	30.6	66.3	65.5	64.4	64.4
Uzbekistan	29.1	28.4	28.8	28.7	66.4	67.6	66.4	66.2
East Asia	18.5	17.8	17.5	17.3	73.3	72.7	70.4	70.0
China, People's Republic of	18.7	18.1	17.7	17.6	73.3	72.6	70.3	70.0
Hong Kong, China	11.9	11.2	12.7	13.0	75.1	73.6	69.1	68.1
Korea, Republic of	16.1	13.8	12.5	12.3	73.2	73.4	71.7	71.2
Mongolia	27.0	28.9	31.1	31.2	69.2	67.3	64.6	64.3
Taipei, China	15.9	13.6	12.7	12.6	73.4	73.9	71.4	70.8
South Asia	31.0	28.6	26.2	25.8	64.0	65.8	67.3	67.5
Bangladesh	32.0	29.3	26.8	26.3	63.2	65.6	68.0	68.4
Bhutan	31.2	27.4	24.9	24.6	63.7	66.9	68.9	69.1
India	30.8	28.4	26.2	25.8	64.1	65.9	67.3	67.4
Maldives	25.3	21.2	19.6	19.8	70.2	74.8	76.8	76.4
Nepal	36.3	33.4	28.8	28.1	58.7	61.1	65.4	66.0
Sri Lanka	25.4	24.8	23.7	23.4	67.2	65.8	65.1	64.9
Southeast Asia	27.9	26.5	25.2	24.9	66.6	67.5	67.7	67.7
Brunei Darussalam	26.0	24.1	22.3	21.9	70.7	71.8	72.1	72.1
Cambodia	33.3	31.6	30.9	30.7	62.9	64.3	64.2	64.3
Indonesia	28.8	27.5	25.9	25.6	66.2	67.2	67.8	67.9
Lao People's Democratic Republic	36.4	33.6	31.9	31.6	59.9	62.6	63.8	64.0
Malaysia	28.0	25.1	23.4	23.3	67.1	68.9	69.4	69.3
Myanmar	30.0	27.8	25.5	25.1	65.1	67.0	68.3	68.4
Philippines	34.0	32.3	30.0	29.5	61.9	63.1	64.4	64.7
Singapore	14.0	12.6	12.3	12.4	78.7	78.3	74.3	73.3
Thailand	19.2	18.0	16.6	16.3	71.9	71.4	70.5	70.2
Timor-Leste	42.5	39.5	36.8	36.6	53.4	56.1	58.9	59.1
Viet Nam	23.6	23.0	23.2	23.2	69.9	70.3	68.9	68.6
The Pacific	37.5	36.4	35.0	34.8	59.0	60.1	61.1	61.3
Cook Islands	27.9	27.8	25.1	24.6	63.8	62.6	63.7	63.9
Fiji	29.0	29.8	29.0	28.9	66.2	65.2	65.2	65.1
Kiribati	36.1	35.0	35.9	35.8	60.3	61.4	59.9	59.8
Marshall Islands	41.8	39.8	37.5	37.0	55.9	57.5	58.7	59.1
Micronesia, Federated States of	35.7	32.8	31.2	31.0	61.1	63.8	64.4	64.4
Nauru	35.6	39.5	37.5	37.8	63.1	58.8	60.3	59.9
Niue	24.8	24.2	27.0	26.5	63.0	63.0	58.0	58.4
Palau	20.3	19.3	19.7	19.6	73.2	70.6	70.6	70.2
Papua New Guinea	38.3	36.8	35.1	34.8	58.4	60.0	61.3	61.5
Samoa	38.3	38.8	37.2	37.1	56.7	56.7	57.7	57.7
Solomon Islands	40.8	40.4	40.0	39.9	55.9	56.0	56.3	56.4
Tonga	37.4	36.4	34.8	34.4	56.9	57.6	59.3	59.7
Tuvalu	32.0	32.7	32.1	32.3	62.7	61.7	61.4	60.9
Vanuatu	38.2	39.1	38.4	38.2	57.9	57.2	58.0	58.2
Developed ADB Member Economies	14.4	14.1	13.8	13.7	64.7	61.9	60.2	60.0
Australia	19.0	18.9	19.3	19.3	67.6	66.3	64.5	64.2
Japan	13.4	13.0	12.4	12.3	64.1	61.0	59.2	59.0
New Zealand	20.5	20.0	19.4	19.3	66.4	65.4	64.2	64.0
DEVELOPING ADB MEMBER ECONOMIES	26.1	24.7	23.5	23.3	67.6	68.2	68.0	67.9
ALL ADB REGIONAL MEMBERS	25.6	24.3	23.2	22.9	67.5	68.0	67.7	67.6
WORLD	27.0	26.2	25.4	25.4	65.5	65.6	65.2	65.2

continued on next page

Table 2.1.3: Proportion of Total Population by Age Bracket, and Age Dependency Ratio *(continued)*

ADB Regional Member	Population Aged 65 Years and Older (% of total population)				Age Dependency Ratio for Total Population			
	2010	2015	2020	2021	2010	2015	2020	2021
Developing ADB Member Economies								
Central and West Asia	4.5	4.4	4.6	4.7	67.6	64.3	63.1	62.9
Afghanistan	2.3	2.5	2.6	2.7	102.0	90.0	80.1	78.2
Armenia	11.0	10.9	11.8	12.3	43.8	44.8	48.4	49.4
Azerbaijan	5.9	5.7	6.7	7.1	40.3	40.1	43.4	44.0
Georgia	14.2	14.3	15.3	15.6	47.5	50.0	55.0	55.8
Kazakhstan	6.8	6.8	7.9	8.2	44.6	50.3	58.8	59.6
Kyrgyz Republic	4.5	4.3	4.7	4.9	52.5	55.8	59.7	60.0
Pakistan	4.2	4.3	4.3	4.4	72.2	67.4	64.4	64.0
Tajikistan	3.3	2.9	3.2	3.3	63.9	63.4	67.9	68.6
Turkmenistan	4.1	4.1	4.8	5.0	50.7	52.7	55.2	55.3
Uzbekistan	4.5	4.1	4.8	5.0	50.7	48.0	50.6	51.0
East Asia	8.2	9.5	12.2	12.6	36.5	37.6	42.1	42.8
China, People's Republic of	8.1	9.3	12.0	12.4	36.5	37.7	42.2	42.9
Hong Kong, China	12.9	15.2	18.2	18.9	33.1	35.8	44.7	46.9
Korea, Republic of	10.7	12.9	15.8	16.6	36.6	36.3	39.5	40.5
Mongolia	3.8	3.9	4.3	4.5	44.6	48.6	54.8	55.5
Taipei, China	10.7	12.5	15.8	16.6	36.2	35.4	40.0	41.3
South Asia	5.1	5.6	6.5	6.7	56.3	51.9	48.6	48.2
Bangladesh	4.8	5.1	5.2	5.3	58.1	52.4	47.0	46.3
Bhutan	5.1	5.7	6.2	6.3	57.0	49.5	45.1	44.7
India	5.1	5.6	6.6	6.8	56.0	51.6	48.7	48.3
Maldives	4.6	3.9	3.6	3.8	42.5	33.6	30.2	30.9
Nepal	5.0	5.5	5.8	5.9	70.4	63.6	53.0	51.5
Sri Lanka	7.4	9.4	11.2	11.6	48.8	51.9	53.7	54.0
Southeast Asia	5.5	6.0	7.1	7.4	50.1	48.2	47.7	47.7
Brunei Darussalam	3.4	4.1	5.6	6.0	41.5	39.2	38.7	38.7
Cambodia	3.7	4.1	4.9	5.0	58.9	55.6	55.7	55.5
Indonesia	5.0	5.4	6.3	6.5	51.0	48.9	47.5	47.3
Lao People's Democratic Republic	3.7	3.8	4.3	4.4	67.0	59.9	56.8	56.2
Malaysia	4.9	6.0	7.2	7.4	49.0	45.1	44.2	44.3
Myanmar	4.8	5.2	6.2	6.5	53.5	49.2	46.5	46.2
Philippines	4.1	4.6	5.5	5.7	61.6	58.4	55.2	54.4
Singapore	7.3	9.0	13.4	14.3	27.0	27.7	34.5	36.4
Thailand	8.9	10.6	13.0	13.5	39.0	40.0	41.9	42.5
Timor-Leste	4.0	4.4	4.3	4.3	87.2	78.2	69.8	69.3
Viet Nam	6.5	6.7	7.9	8.2	43.1	42.2	45.1	45.7
The Pacific	3.5	3.5	3.8	3.9	69.6	66.5	63.6	63.1
Cook Islands	8.2	9.6	11.2	11.5	56.7	59.8	57.1	56.4
Fiji	4.8	5.0	5.8	6.0	51.1	53.4	53.4	53.7
Kiribati	3.6	3.5	4.2	4.3	65.8	62.7	67.0	67.2
Marshall Islands	2.3	2.7	3.8	4.0	78.8	74.0	70.5	69.3
Micronesia, Federated States of	3.2	3.4	4.4	4.6	63.7	56.9	55.2	55.2
Nauru	1.3	1.7	2.2	2.3	58.5	70.0	65.9	67.0
Niue	12.1	12.8	15.0	15.1	58.7	58.8	72.4	71.2
Palau	6.5	10.1	9.7	10.2	36.7	41.7	41.7	42.4
Papua New Guinea	3.3	3.2	3.6	3.7	71.3	66.8	63.2	62.6
Samoa	5.0	4.5	5.1	5.2	76.3	76.5	73.3	73.3
Solomon Islands	3.3	3.5	3.7	3.7	78.9	78.4	77.6	77.3
Tonga	5.7	6.0	5.9	6.0	75.8	73.6	68.6	67.6
Tuvalu	5.3	5.6	6.6	6.8	59.5	61.9	63.0	64.1
Vanuatu	3.9	3.7	3.6	3.6	72.8	74.8	72.5	71.8
Developed ADB Member Economies	20.9	24.0	26.0	26.3	54.5	61.5	66.2	66.6
Australia	13.4	14.9	16.2	16.5	47.9	50.9	55.1	55.8
Japan	22.5	26.0	28.4	28.7	55.9	64.0	69.0	69.5
New Zealand	13.1	14.6	16.4	16.7	50.5	52.9	55.8	56.3
DEVELOPING ADB MEMBER ECONOMIES	6.3	7.0	8.5	8.8	47.9	46.5	47.1	47.3
ALL ADB REGIONAL MEMBERS	6.9	7.7	9.1	9.4	48.1	47.1	47.8	47.9
WORLD	7.6	8.2	9.3	9.3	52.8	52.4	53.3	53.3

ADB = Asian Development Bank.

Notes:

- 1 All figures presented in this table are ADB estimates using data from the United Nations' World Population Prospects 2019 and/or official communications from The Pacific Community's Statistics for Development Division.
- 2 United Nations population estimates are based on all available sources of data on population size and levels of fertility, mortality, and international migration for 235 distinct economies or areas comprising the total population of the world.

Sources: United Nations. World Population Prospects 2019. <https://population.un.org/wpp/> (accessed 04 April 2022). For the Cook Islands, the Marshall Islands, Nauru, Niue, Palau, and Tuvalu: The Pacific Community, Statistics for Development Division. Official communication, 15 April 2022; past communication.

Labor Force and Employment

Table 2.1.4: Labor Force Participation Rates
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan ^{a,b}	49.8 (2011)	55.4 (2013)	...	53.9	...	...	41.9	...
Armenia ^c	61.2	62.5	61.0	60.9	58.9	59.9	58.5	...
Azerbaijan ^c	64.8	65.4	66.0	66.2	66.3	66.5	66.9	67.2
Georgia ^c	51.5	55.5	55.0	54.5	52.9	51.8	50.5	50.9
Kazakhstan	71.2	69.7	70.0	69.7	70.0	70.1	69.2	69.3
Kyrgyz Republic	64.2	62.4	61.5	60.1	59.8	60.2	60.1	...
Pakistan	45.9	45.2	...	...	44.3	44.8	...	44.9
Tajikistan	50.3	47.7	46.7	46.2	45.7	45.5	45.5	...
Turkmenistan ^d	48.9	47.1	46.9	46.8	46.6	46.5	46.0	45.8
Uzbekistan ^c	70.7	71.9	72.5	73.5	74.3	74.9	73.8	74.1
East Asia								
China, People's Republic of ^d	71.0	70.3	70.1	69.8	69.4	69.1	68.3	68.1
Hong Kong, China	59.6	61.1	61.1	61.1	61.3	60.7	59.7	59.4
Korea, Republic of	61.1	62.8	62.9	63.2	63.1	63.3	62.5	62.8
Mongolia ^c	61.6	61.5	60.5	61.1	61.0	60.5	58.8	56.9
Taipei, China	58.1	58.7	58.7	58.8	59.0	59.2	59.1	59.0
South Asia								
Bangladesh	59.3	57.1 (2013)	58.5	58.2	...	...	...	...
Bhutan ^e	68.6	63.1	62.2	63.3	62.6	66.4	67.8	69.1
India	40.0	...	...	...	36.9	37.5	40.1	41.6
Maldives ^f	52.1	63.8 (2014)	57.6	...	...	60.2	...	...
Nepal ^c	74.3 (2012)	72.2 (2014)	...	...	38.5	...	...	...
Sri Lanka	48.6	53.8	53.8	54.1	51.8	52.3	50.6	49.9
Southeast Asia								
Brunei Darussalam ^c	68.9 (2011)	65.6 (2014)	...	62.7	65.4	64.3	65.2	...
Cambodia	87.0	82.7	84.0	86.6	...	69.3	...	...
Indonesia	67.7	65.8	66.3	66.7	67.3	67.5	67.8	67.8
Lao People's Democratic Republic ^c	79.2	...	...	40.8	...	...	...	...
Malaysia ^c	63.7	67.9	67.7	68.0	68.3	68.7	68.4	68.6
Myanmar	67.0	64.7	...	61.2	61.5	63.2	...	...
Philippines	64.1	63.7	63.5	61.2	60.9	61.3	59.5	63.3
Singapore ^g	66.2	68.3	68.0	67.7	67.7	68.0	68.1	70.5
Thailand ^h	72.3	69.8	68.8	68.1	68.3	67.5	67.8	67.8
Timor-Leste ^c	24.0	30.6 (2013)	46.9	...	...	...	...	...
Viet Nam	76.7	77.4	77.3	76.9	77.0	76.8	74.4	67.7
The Pacific								
Cook Islands	71.0 (2011)	...	71.9	...	...	70.4	...	...
Fiji ⁱ	...	55.2 (2014)	58.3	57.1	...	64.1	...	...
Kiribati	59.3	66.0	...	...	...	...	53.0	...
Marshall Islands	41.7 (2011)	...	...	...	...	...	...	...
Micronesia, Federated States of	57.3	49.3 (2013)	...	...	...	...	...	...
Nauru ^b	64.0 (2011)	68.7 (2013)	...	...	...	...	...	...
Niue	68.9 (2011)	...	...	68.6	...	...	...	...
Palau	68.1 (2012)	77.4	...	...	...	...	...	...
Papua New Guinea ^d	48.3	47.8	47.8	47.7	47.8	47.7	47.3	47.2
Samoa ^b	41.3 (2011)	...	47.4	43.3	...	...	...	...
Solomon Islands	62.9 (2009)	73.8 (2013)	...	...	...	...	...	...
Tonga	94.8 (2003)	...	63.7	...	46.7	...	...	...
Tuvalu	59.4 (2012)	...	52.3	...	...	...	...	...
Vanuatu ^d	69.2	69.4	69.4	69.3	69.3	69.3	68.6	68.9
Developed ADB Member Economies								
Australia	65.4	65.0	64.9	65.2	65.6	66.0	65.0	65.8
Japan	59.6	59.6	60.0	60.5	61.5	62.1	62.0	62.1
New Zealand	67.6	68.8	70.0	70.9	70.9	70.5	70.2	70.8

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank.

Note: Based on varying concepts and definitions of "labor force" across economies.

a For 2017, data cover the period from April 2016 to April 2017. For 2020, data cover the period from October 2019 to September 2020.

b Figures for different years may not be directly comparable with each other due to changes in methodology and labor concepts adopted.

c Recommendations from the 19th International Conference of Labour Statisticians were adopted by: Armenia, beginning 2018; Azerbaijan, beginning 2015; Brunei Darussalam, beginning 2017; Georgia, beginning 2010; the Lao People's Democratic Republic, for 2017; Malaysia, beginning 2019; Mongolia, beginning 2019; Nepal, for 2018; Timor-Leste, beginning 2010; and Uzbekistan, beginning 2017. Hence, data for these years may not be directly comparable with data in other years. The 19th conference provided the statistical concept of work for reference purposes; and the operational concepts, definitions, and guidelines for (i) three distinct subsets of work activities, referred to as forms of work, which include own-use production work, employment work, and volunteer work; (ii) related classifications of the population according to their labor force status and main work status; and (iii) measures of labor underutilization. The concept of employment has also been refined to refer to work for pay or profit.

d Data refer to estimates modeled by the International Labour Organization.

e For 2017, data are from the census of population. For all other years, data are from labor force surveys. Thus, data prior to and after the census year may not be directly comparable with 2017 data.

f Includes local population only.

g Refers to Singapore residents only.

h Includes the seasonally inactive labor force.

i For 2017, the reported number of employed people excludes those who are engaged in unpaid employment as of end of June. Hence, data for 2014 and 2016 are not comparable with data for 2017 because the former years include unpaid employment.

Sources: Economies' official sources. For Papua New Guinea, the People's Republic of China, Turkmenistan, and Vanuatu: International Labour Organization. ILOSTAT Database. <http://www.ilo.org/ilostat/> (accessed 15 July 2022). For the Federated States of Micronesia (2013), Solomon Islands (2013), and Tuvalu: Pacific Data Hub. Explorer: National Minimum Development Indicators. [https://stats.pacificdata.org/vis?lc=en&df\[ds\]=SPC2&df\[id\]=DF_NMDI&df\[ag\]=SPC&df\[vs\]=1.0&dq=A..NMDIO014%2BOTH...T...T...&pd=2010%2C2020&ly\[rw\]=GEO_PICT&ly\[cl\]=TIME_PERIOD&fs\[0\]=Development%20Indicators%20Indicators%20C0%7CNational%20Minimum%20Development%20Indicators%23NMDI%23&pg=0&fc=Development%20Indicators&lo=1](https://stats.pacificdata.org/vis?lc=en&df[ds]=SPC2&df[id]=DF_NMDI&df[ag]=SPC&df[vs]=1.0&dq=A..NMDIO014%2BOTH...T...T...&pd=2010%2C2020&ly[rw]=GEO_PICT&ly[cl]=TIME_PERIOD&fs[0]=Development%20Indicators%20Indicators%20C0%7CNational%20Minimum%20Development%20Indicators%23NMDI%23&pg=0&fc=Development%20Indicators&lo=1) (accessed 15 July 2022).

Labor Force and Employment

Table 2.1.5: Employment in Agriculture, Industry, and Services
(% of total employment)

ADB Regional Member	Agriculture				
	2010	2015	2019	2020	2021
Developing ADB Member Economies					
Central and West Asia					
Afghanistan ^a	69.6 (2004)	43.6 (2017)	...	44.5	...
Armenia ^b	38.6	35.3	21.9	21.8	...
Azerbaijan ^b	38.2	36.4	36.0	36.3	36.3
Georgia ^{b,c}	26.2	23.0	19.1	19.8	18.9
Kazakhstan	28.3	16.2	13.5	13.5	13.4
Kyrgyz Republic	31.2	29.3	18.1	18.3	...
Pakistan	45.0	42.3	39.2	...	37.5
Tajikistan	65.9	64.9	61.2	60.9	...
Turkmenistan	29.4	24.6	20.7	...	...
Uzbekistan ^b	26.8	27.6	26.2	26.4	26.5
East Asia					
China, People's Republic of ^d	36.7	28.1	24.7	23.6	22.9
Hong Kong, China ^e	...	...	...	...	...
Korea, Republic of	6.6	5.1	5.1	5.4	5.3
Mongolia ^b	33.5	28.5	25.3	23.8	25.9
Taipei, China	5.2	5.0	4.9	4.8	4.7
South Asia					
Bangladesh	47.5	42.7 (2016)	...	...	...
Bhutan	59.4	58.0	51.1	49.9	49.2
India	53.2	...	...	...	...
Maldives ^f	4.3	9.0 (2016)	7.4	...	...
Nepal ^b	64.0 (2011)	...	21.5 (2018)	...	...
Sri Lanka ^g	32.5	28.7	25.3	27.1	...
Southeast Asia					
Brunei Darussalam ^b	1.3 (2011)	0.5 (2014)	2.0	1.3	...
Cambodia	72.3	64.3 (2014)	33.1	...	...
Indonesia	38.3	32.9	27.5	29.8	28.3
Lao People's Democratic Republic ^b	72.2	31.3 (2017)	...	...	...
Malaysia ^b	13.6	12.5	10.2	10.5	10.3
Myanmar	...	51.7	45.3	...	...
Philippines	33.2	29.2	22.2	24.8	24.2
Singapore ^h	0.2	0.1	0.1	0.1	0.1
Thailand	38.2	32.3	31.4	31.3	31.9
Timor-Leste ^b	26.3	31.6 (2016)	...	...	...
Viet Nam ⁱ	48.7	43.5	34.4	33.0	28.9
The Pacific					
Cook Islands ^j	4.3 (2011)	5.3 (2016)	2.5	...	...
Fiji ^k	1.7	19.2 (2016)	3.2	...	...
Kiribati ^l	22.1	24.3	...	23.2	...
Marshall Islands	1.0	1.1	1.0	0.8	0.7
Micronesia, Federated States of	52.2 (2000)	1.7	2.0 (2018)	...	...
Nauru	...	...	...	...	...
Niue	10.4 (2011)	8.7 (2017)	...	...	...
Palau ^m	7.8 (2005)	6.4	...	...	...
Papua New Guinea	65.3	59.0	55.4	...	...
Samoa	37.0 (2011)	41.9 (2016)	...	...	...
Solomon Islands ⁿ	25.2 (2009)	...	...	...	...
Tonga	27.9 (2006)	24.1 (2016)	20.0 (2018)	...	...
Tuvalu	...	...	...	...	...
Vanuatu	...	...	...	...	...
Developed ADB Member Economies					
Australia	3.2	2.6	2.5	2.8	2.4
Japan	4.0	3.6	3.3	3.2	3.1
New Zealand	6.7	6.2	5.8	6.0	6.1

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Labor Force and Employment

Table 2.1.5: Employment in Agriculture, Industry, and Services (*continued*)
(% of total employment)

ADB Regional Member	Industry				
	2010	2015	2019	2020	2021
Developing ADB Member Economies					
Central and West Asia					
Afghanistan ^a	6.2 (2004)	17.8 (2017)	...	18.1	...
Armenia ^b	17.4	15.9	22.8	21.0	...
Azerbaijan ^b	13.7	14.1	14.8	14.6	14.9
Georgia ^{b,c}	10.5	10.1	19.2	18.2	19.0
Kazakhstan	18.7	21.0	19.7	19.7	19.7
Kyrgyz Republic	21.1	20.9	26.7	25.9	...
Pakistan	20.9	23.6	24.0	...	25.4
Tajikistan	7.9	6.7	8.6	8.6	...
Turkmenistan	35.2	37.7	39.9	...	...
Uzbekistan ^b	22.7	22.9	23.2	23.5	23.5
East Asia					
China, People's Republic of ^d	28.7	29.7	28.1	28.7	29.1
Hong Kong, China ^e	11.2	11.4	11.4	11.1	11.4
Korea, Republic of	25.0	25.4	24.6	24.7	24.6
Mongolia ^b	16.2	20.3	21.6	20.7	22.1
Taipei, China	35.9	36.0	35.6	35.4	35.5
South Asia					
Bangladesh	17.6	20.5 (2016)	...	...	...
Bhutan	6.6	9.6	15.5	14.9	15.4
India	21.5	...	...	...	...
Maldives ^f	9.4	18.4 (2016)	18.0	...	...
Nepal ^b	9.5 (2011)	...	30.8 (2018)	...	...
Sri Lanka ^g	24.6	25.8	27.6	26.9	...
Southeast Asia					
Brunei Darussalam ^b	19.6 (2011)	17.9 (2014)	20.7	23.7	...
Cambodia	9.2	9.0 (2014)	27.0	...	...
Indonesia	19.3	22.2	23.4	21.6	22.3
Lao People's Democratic Republic ^b	8.1	14.1 (2017)	...	...	...
Malaysia ^b	28.3	27.5	27.9	26.2	25.9
Myanmar	...	15.8	15.7	...	...
Philippines	15.0	16.2	19.3	18.3	18.4
Singapore ^h	21.8	17.2	14.8	14.8	14.4
Thailand	20.8	23.7	22.8	22.6	22.2
Timor-Leste ^b	14.3	17.5 (2016)	...	...	...
Viet Nam ⁱ	22.0	23.2	30.2	30.8	33.2
The Pacific					
Cook Islands ^j	11.7 (2011)	10.1 (2016)	11.3	...	...
Fiji ^k	23.9	14.4 (2016)	24.0	...	...
Kiribati ^l	16.1	18.2	...	5.6	...
Marshall Islands	22.0	14.4	15.1	13.5	12.8
Micronesia, Federated States of	...	9.1	9.6 (2018)	...	...
Nauru	...	...	...	...	...
Niue	14.2 (2011)	14.2 (2017)	...	...	...
Palau ^m	2.6 (2005)	11.7	...	...	...
Papua New Guinea	7.9	11.0	13.0	...	...
Samoa	12.2 (2011)	9.1 (2016)	...	...	...
Solomon Islands ⁿ	7.9 (2009)	...	...	...	...
Tonga	27.8 (2006)	25.6 (2016)	29.7 (2018)	...	...
Tuvalu	...	...	...	...	...
Vanuatu	...	...	...	...	...
Developed ADB Member Economies					
Australia	21.0	19.4	19.1	19.2	18.7
Japan	25.4	24.6	23.7	23.5	23.3
New Zealand	20.7	21.7	19.5	20.4	20.0

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Labor Force and Employment

Table 2.1.5: Employment in Agriculture, Industry, and Services (continued)
(% of total employment)

ADB Regional Member	Services				
	2010	2015	2019	2020	2021
Developing ADB Member Economies					
Central and West Asia					
Afghanistan ^a	24.2 (2004)	38.6 (2017)	...	36.7	...
Armenia ^b	44.0	48.8	55.3	57.2	...
Azerbaijan ^b	48.1	49.6	49.2	49.0	48.8
Georgia ^{b,c}	63.3	66.8	61.7	61.9	62.1
Kazakhstan	53.0	62.8	66.8	66.8	66.9
Kyrgyz Republic	47.7	49.8	55.2	55.9	...
Pakistan	34.2	34.2	36.8	...	37.2
Tajikistan	26.3	28.4	30.2	30.5	...
Turkmenistan	35.4	37.7	39.3	...	...
Uzbekistan ^b	50.5	49.5	50.6	50.0	50.0
East Asia					
China, People's Republic of ^d	34.6	42.3	47.1	47.7	48.0
Hong Kong, China ^e	88.9	88.5	88.6	88.6	88.6
Korea, Republic of	68.4	69.5	70.3	70.0	70.1
Mongolia ^b	50.2	51.3	53.1	55.5	52.0
Taipei, China	58.8	59.0	59.6	59.8	59.8
South Asia					
Bangladesh	35.3	36.9 (2016)	...	...	...
Bhutan	33.7	32.4	33.4	35.2	35.4
India	25.3	...	...	...	...
Maldives ^f	86.3	72.6 (2016)	74.6	...	...
Nepal ^b	25.7 (2011)	...	47.7 (2018)	...	...
Sri Lanka ^g	42.9	45.6	47.1	46.0	...
Southeast Asia					
Brunei Darussalam ^b	79.1 (2011)	81.6 (2014)	77.4	74.9	...
Cambodia	18.6	26.6 (2014)	39.8	...	...
Indonesia	42.3	44.9	49.0	48.7	49.3
Lao People's Democratic Republic ^b	19.7	54.6 (2017)	...	...	...
Malaysia ^b	58.1	60.0	61.9	63.4	63.8
Myanmar	...	32.5	39.0	...	...
Philippines	51.8	54.6	58.4	56.9	57.4
Singapore ^h	77.9	82.7	84.9	85.1	85.4
Thailand	41.0	44.0	45.7	46.1	45.9
Timor-Leste ^b	59.4	50.9 (2016)	...	...	...
Viet Nam ⁱ	29.7	33.3	35.3	36.2	38.0
The Pacific					
Cook Islands ^j	84.0 (2011)	84.6 (2016)	86.3	...	...
Fiji ^k	74.4	66.4 (2016)	72.8	...	...
Kiribati ^l	61.8	57.5	...	71.2	...
Marshall Islands	77.1	84.5	83.0	84.8	85.7
Micronesia, Federated States of	...	89.2	88.4 (2018)	...	...
Nauru	...	...	...	...	...
Niue	75.4 (2011)	77.1 (2017)	...	...	...
Palau ^m	89.6 (2005)	82.0	...	...	...
Papua New Guinea	26.7	28.7	30.2	...	...
Samoa	50.9 (2011)	48.5 (2016)	...	...	...
Solomon Islands ⁿ	66.9 (2009)	...	...	...	...
Tonga	44.3 (2006)	50.3 (2016)	50.3 (2018)	...	...
Tuvalu	...	...	...	...	...
Vanuatu	...	...	...	...	...
Developed ADB Member Economies					
Australia	75.9	78.0	78.4	78.0	78.9
Japan	70.5	71.8	73.0	73.3	73.6
New Zealand	72.6	72.1	74.7	73.6	73.9

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

Note: Data are based on varying labor force concepts and definitions adopted by different economies. Some values may not add up to 100% due to limitations on data availability.

- a For 2017, data cover the period from April 2016 to April 2017. For 2020, data cover the period from October 2019 to September 2020. For 2011 onward, different methodologies were used in surveys for labor force estimation, therefore, data are not directly comparable overtime.
- b Recommendations from the 19th International Conference of Labour Statisticians have been adopted by: Armenia, beginning 2018; Azerbaijan, beginning 2015; Brunei Darussalam, beginning 2017; Georgia, beginning 2010; the Lao People's Democratic Republic, for 2017; Malaysia, beginning 2019; Mongolia, beginning 2019; Nepal, for 2018; Timor-Leste, beginning 2010; and Uzbekistan, beginning 2017. Hence, data for these years may not be directly comparable with data for other years. The 19th conference provided the statistical concept of work for reference purposes; and the operational concepts, definitions, and guidelines for (i) three distinct subsets of work activities, referred to as forms of work, which include own-use production work, employment work, and volunteer work; (ii) related classifications of the population according to their labor force status and main work status; and (iii) measures of labor underutilization. The concept of employment has also been refined to refer to work for pay or profit.
- c Prior to 2017, employment in services includes people who were engaged in construction industries.
- d Refers to persons engaged in social labor and receiving remuneration or earning business income.
- e Employment in services includes people who are engaged in electricity and gas supply; water supply; and sewerage, waste management, and remediation activities.
- f Figures include local population only. For 2010, employment in services includes people who were engaged in industries other than agriculture, forestry, and fishing; mining and quarrying; or manufacturing.
- g Some data may not add up because data for 2010 exclude the northern and eastern provinces.
- h Refers to Singapore residents only.
- i Refers to total number of persons engaged in any activity regardless of age.
- j Covers all wage and salary earners from all islands.
- k For 2010 and 2018, the reported number of employed people excludes those who are engaged in unpaid employment as of end of June. For 2016, figures are not comparable with other years because they include unpaid employment.
- l Refers to cash work and unpaid village work. For 2010, employment in agriculture includes people who were engaged in mining and quarrying.
- m For 2005, employment in services includes people who were engaged in electricity, gas, water, and construction industries.
- n For 2009, the figure refers to paid employment.

Source: Asian Development Bank estimates using data from economies' official sources.

Poverty Indicators

Table 2.1.6: Poverty and Inequality

ADB Regional Member	Proportion of Population Living on Less Than \$1.90 a Day (2011 PPP) ^a			Proportion of Population Living on Less Than \$3.20 a Day (2011 PPP) ^a			Income Ratio of Highest 20% to Lowest 20% ^b			Gini Coefficient ^c		
	2010	2015	2020	2010	2015	2020	2010	2015	2019	2010	2015	2020
Developing ADB Member Economies												
Central and West Asia												
Afghanistan	...	...	...	...	...	...	...	...	...	...	...	...
Armenia	1.0	1.3	0.4	14.1	9.5	6.9	4.3	5.0	4.3	0.300	0.324	0.252
Azerbaijan ^d	0.0(2005)	...	...	0.0(2005)	...	...	3.5(2005)	...	...	0.266(2005)	...	...
Georgia	12.0	3.7	4.2	30.6	15.7	17.0	8.0	6.5	6.3	0.395	0.365	0.345
Kazakhstan	0.1	0.0	0.0(2018)	1.5	0.3	0.2(2018)	4.0	3.7	3.9(2018)	0.280	0.268	0.278(2018)
Kyrgyz Republic	2.8	1.8	1.1	19.0	18.4	16.2	4.5	4.1	4.1	0.301	0.290	0.290
Pakistan ^e	7.4	3.8	3.6(2018)	47.1	35.5	34.5(2018)	4.1	4.7	4.5(2018)	0.288	0.313	0.296(2018)
Tajikistan	4.0(2009)	4.1	...	22.5(2009)	17.8	...	4.7(2009)	5.6	...	0.308(2009)	0.340	...
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan ^f	61.6(2003)	...	...	86.2(2003)	...	...	5.9(2003)	...	...	0.353(2003)	...	...
East Asia												
China, People's Republic of	11.2	0.7	0.1(2019)	28.6	7.0	1.7(2019)	9.6	7.1	7.0(2016)	0.437	0.386	0.382(2019)
Hong Kong, China	...	...	...	...	...	...	...	...	...	...	...	...
Korea, Republic of	0.5	0.2(2014)	0.2(2016)	0.7	0.5(2014)	0.2(2016)	5.4	5.2(2014)	5.2(2016)	0.320	0.312(2014)	0.314(2016)
Mongolia	0.7	0.2(2014)	0.5(2018)	9.6	3.0(2014)	5.0(2018)	5.3	5.0(2014)	5.2(2018)	0.331	0.320(2014)	0.327(2018)
Taipei, China ^g	0.0	0.0(2013)	0.0(2016)	0.2	0.2(2013)	0.0(2016)	4.3	3.9	3.8(2020)	0.296	0.279	0.274
South Asia												
Bangladesh	19.2	...	14.3(2016)	60.0	...	52.3(2016)	4.7	...	4.8(2016)	0.321	...	0.324(2016)
Bhutan	8.2(2007)	2.2(2012)	1.5(2017)	30.6(2007)	14.7(2012)	12.2(2017)	6.7(2007)	6.9(2012)	6.6(2017)	0.381(2007)	0.388(2012)	0.374(2017)
India ^a	22.5(2011)	...	...	61.7(2011)	...	...	5.5(2011)	...	...	0.357(2011)	...	...
Maldives ^e	3.5(2009)	...	0.0(2019)	16.6(2009)	...	0.0(2019)	7.0(2009)	...	4.8(2016)	0.384(2009)	...	0.293(2019)
Nepal ^e	15.0	...	...	50.9	...	...	5.0	...	...	0.328	...	...
Sri Lanka	2.8(2009)	1.9(2012)	0.9(2016)	19.9(2009)	16.2(2012)	11.0(2016)	5.7(2009)	6.4(2012)	6.6(2016)	0.361(2009)	0.387(2012)	0.393(2016)
Southeast Asia												
Brunei Darussalam	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...
Indonesia	13.3	5.8	2.2(2021)	45.0	30.6	18.0(2021)	5.8	6.8	6.6	0.364	0.397	0.373(2021)
Lao People's Democratic Republic ^c	25.7(2007)	14.5(2012)	10.0(2018)	64.1(2007)	46.6(2012)	37.4(2018)	5.5(2007)	5.8(2012)	6.6(2018)	0.354(2007)	0.360(2012)	0.388(2018)
Malaysia	0.1(2011)	0.0	...	1.2(2011)	0.3	...	9.5(2011)	8.2	...	0.439(2011)	0.411	...
Myanmar	...	4.8	1.4(2017)	...	24.6	15.0(2017)	...	6.3	4.5(2017)	...	0.381	0.307(2017)
Philippines ^h	10.7(2009)	7.8	4.7(2018)	37.0(2009)	31.9	25.5(2018)	9.9(2009)	9.1	7.9(2018)	0.418(2009)	0.404	0.378(2018)
Singapore	...	...	...	...	...	...	...	...	...	...	...	...
Thailand	0.1	0.0	0.0	2.4	0.5	0.4	7.0	5.8	5.6	0.394	0.360	0.350
Timor-Leste	37.4(2007)	22.0(2014)	...	77.3(2007)	65.9(2014)	...	3.9(2007)	4.1(2014)	...	0.278(2007)	0.287(2014)	...
Viet Nam	4.0	2.6(2014)	1.8(2018)	16.8	11.0(2014)	6.6(2018)	7.1	5.9(2014)	6.4(2018)	0.393	0.348(2014)	0.357(2018)
The Pacific												
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...
Fiji ^e	1.6(2008)	0.5(2013)	1.8(2019)	10.9(2008)	7.5(2013)	14.5(2019)	7.2(2008)	6.0(2013)	...	0.404(2008)	0.367(2013)	0.307(2019)
Kiribati	12.9(2006)	...	1.3(2019)	34.6(2006)	...	16.2(2019)	6.7(2006)	...	...	0.370(2006)	...	0.278(2019)
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	8.1(2005)	15.4(2013)	...	24.6(2005)	38.7(2013)	...	8.7(2005)	8.4(2013)	...	0.424(2005)	0.401(2013)	...
Nauru	...	0.9(2012)	...	...	13.3(2012)	...	...	5.7(2012)	...	...	0.348(2012)	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea ^e	38.0(2009)	...	...	65.6(2009)	...	...	9.3(2009)	...	...	0.419(2009)	...	...
Samoa ^e	0.6(2008)	1.1(2013)	...	9.6(2008)	9.6(2013)	...	7.7(2008)	6.8(2013)	...	0.420(2008)	0.387(2013)	...
Solomon Islands	48.6(2005)	24.7(2012)	...	73.0(2005)	58.1(2012)	...	10.4(2005)	6.4(2012)	...	0.461(2005)	0.371(2012)	...
Tonga	1.1(2009)	1.0	...	8.9(2009)	7.5	...	6.7(2009)	6.7	...	0.375(2009)	0.376	...
Tuvalu	3.3	...	...	17.6	...	...	7.0	...	...	0.391	...	...
Vanuatu	13.1	...	8.6(2019)	39.4	...	32.3(2019)	6.7	...	...	0.374	...	0.323(2019)
Developed ADB Member Economies												
Australia	...	...	...	...	...	...	5.8	5.7(2014)	...	0.347	0.344(2014)	0.343(2018)
Japan	...	...	...	...	...	...	4.9	5.3(2013)	...	0.321	0.329(2013)	...
New Zealand ⁱ	...	...	...	...	...	...	...	...	...	0.335	0.325	0.320

... = Data not available, 0.0 = magnitude is less than half the unit employed or true zero value, \$ = United States dollars, ADB = Asian Development Bank, PPP = purchasing power parity.

a Poverty estimates are consumption-based, except for Malaysia; the Republic of Korea; and Taipei, China, whose estimates are income-based.

b Derived from the income or expenditure share of the highest 20% and lowest 20% groups by income.

c Inequality estimates are consumption-based, except for Malaysia; the Republic of Korea; and Taipei, China, whose estimates are income-based.

d The most recent year data are for 2005: 0.0% for proportion of population below \$1.90 a day (2011 PPP); 0.0% for proportion of population below \$3.20 a day (2011 PPP); 3.5 for income ratio of highest 20% to lowest 20%; and 0.266 for Gini coefficient.

e Household income and expenditure surveys for these economies were conducted in overlapping years. The table adopts the approach of the World Bank's World Development Indicators, i.e., using the initial year of the survey as the reference period for the poverty estimates.

f The most recent year data are for 2003: 61.6% for proportion of population below \$1.90 a day (2011 PPP); 86.2% for proportion of population below \$3.20 a day (2011 PPP); 5.9 for income ratio of highest 20% to lowest 20%; and 0.353 for Gini coefficient.

g The Gini coefficient reflected in the table refers to the coefficient using per capita disposable income published by the Government of Taipei, China's Directorate-General of Budget, Accounting and Statistics. The estimates using disposable income of households are 0.326 for 2000 and 0.340 for 2020. Alternative estimates for the Gini coefficient are available in the World Bank's Poverty and Inequality Platform.

h Consumption-based poverty estimates were used. However, income-based estimates are also available for the \$1.90 poverty line, 10.7% (2009), 6.1% (2015), and 2.7% (2018); and for the \$3.20 poverty line 38.2% (2009), 25.7% (2015), and 17.0% (2018).

i The Gini coefficient data are based on disposable income post taxes and transfers, using the new definition.

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/data-catalog/world-development-indicators> (accessed 15 July 2022); and World Bank. Poverty and Inequality Platform. <https://pip.worldbank.org/> (accessed 30 May 2022). For New Zealand's Gini coefficient: Organisation for Economic Co-operation and Development. Income Distribution and Poverty. <https://stats.oecd.org/index.aspx?queryid=66670#> (accessed 24 July 2022). For Taipei, China's income ratio and Gini coefficient: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. <http://eng.dgbas.gov.tw/mp.asp?mp=2> (accessed 24 July 2022).

Table 2.1.7: Human Development Index

ADB Regional Member	2010	2013	2015	2016	2017	2018	2019	Rank in 2019 ^a
Developing ADB Member Economies								
Central and West Asia	0.661	0.679	0.688	0.691	0.696	0.699	0.704	...
Afghanistan	0.472	0.496	0.500	0.502	0.506	0.509	0.511	169
Armenia	0.747	0.762	0.768	0.766	0.769	0.771	0.776	81
Azerbaijan	0.726	0.735	0.744	0.751	0.754	0.754	0.756	88
Georgia	0.751	0.775	0.790	0.792	0.799	0.805	0.812	61
Kazakhstan	0.764	0.791	0.806	0.808	0.815	0.819	0.825	51
Kyrgyz Republic	0.662	0.680	0.690	0.691	0.694	0.696	0.697	120
Pakistan	0.512	0.523	0.536	0.542	0.550	0.552	0.557	154
Tajikistan	0.638	0.653	0.652	0.653	0.657	0.661	0.668	125
Turkmenistan	0.666	0.685	0.694	0.699	0.701	0.710	0.715	111
Uzbekistan	0.669	0.692	0.701	0.705	0.713	0.717	0.720	106
East Asia	0.812	0.830	0.839	0.845	0.848	0.852	0.856	...
China, People's Republic of	0.699	0.724	0.739	0.746	0.750	0.755	0.761	85
Hong Kong, China	0.904	0.918	0.930	0.936	0.941	0.946	0.949	4
Korea, Republic of	0.889	0.901	0.907	0.910	0.912	0.914	0.916	23
Mongolia	0.696	0.727	0.735	0.729	0.728	0.735	0.737	99
Taipei, China	0.873	0.882	0.885	0.903	0.907	0.911	0.916	...
South Asia	0.614	0.640	0.655	0.660	0.666	0.671	0.676	...
Bangladesh	0.557	0.579	0.595	0.606	0.616	0.625	0.632	133
Bhutan	0.574	0.610	0.628	0.637	0.646	0.649	0.654	129
India	0.579	0.604	0.624	0.630	0.640	0.642	0.645	131
Maldives	0.685	0.709	0.724	0.728	0.731	0.734	0.740	95
Nepal	0.537	0.568	0.583	0.586	0.588	0.596	0.602	142
Sri Lanka	0.754	0.769	0.776	0.773	0.775	0.779	0.782	72
Southeast Asia	0.678	0.696	0.703	0.707	0.710	0.713	0.718	...
Brunei Darussalam	0.827	0.839	0.838	0.839	0.838	0.836	0.838	47
Cambodia	0.539	0.559	0.570	0.576	0.582	0.585	0.594	144
Indonesia	0.665	0.687	0.695	0.703	0.707	0.712	0.718	107
Lao People's Democratic Republic	0.552	0.582	0.598	0.605	0.608	0.609	0.613	137
Malaysia	0.772	0.785	0.796	0.800	0.805	0.805	0.810	62
Myanmar	0.515	0.543	0.557	0.563	0.572	0.579	0.583	147
Philippines	0.671	0.691	0.701	0.704	0.708	0.711	0.718	107
Singapore	0.909	0.921	0.931	0.935	0.933	0.936	0.938	11
Thailand	0.724	0.734	0.749	0.756	0.765	0.772	0.777	79
Timor-Leste	0.628	0.630	0.610	0.598	0.599	0.599	0.606	141
Viet Nam	0.661	0.681	0.688	0.693	0.696	0.700	0.704	117
The Pacific	0.638	0.651	0.659	0.660	0.665	0.666	0.669	...
Cook Islands	...	...	...	...	...	...	...	...
Fiji	0.715	0.728	0.737	0.738	0.740	0.742	0.743	93
Kiribati	0.593	0.608	0.625	0.622	0.627	0.628	0.630	134
Marshall Islands	...	...	...	...	0.699	0.702	0.704	117
Micronesia, Federated States of	0.601	0.605	0.612	0.614	0.616	0.618	0.620	136
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	0.786	0.821	0.820	0.822	0.822	0.822	0.826	50
Papua New Guinea	0.522	0.537	0.548	0.549	0.549	0.549	0.555	155
Samoa	0.698	0.700	0.707	0.710	0.709	0.709	0.715	111
Solomon Islands	0.537	0.558	0.563	0.561	0.562	0.564	0.567	151
Tonga	0.699	0.708	0.720	0.722	0.723	0.723	0.725	104
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	0.590	0.593	0.598	0.598	0.601	0.603	0.609	140
Developed ADB Member Economies	0.908	0.916	0.922	0.925	0.927	0.929	0.931	...
Australia	0.930	0.931	0.938	0.939	0.941	0.943	0.944	8
Japan	0.887	0.902	0.908	0.912	0.915	0.917	0.919	19
New Zealand	0.906	0.914	0.921	0.924	0.926	0.928	0.931	14
DEVELOPING ADB MEMBER ECONOMIES	0.672	0.690	0.699	0.702	0.706	0.709	0.713	...
ALL ADB REGIONAL MEMBERS	0.688	0.705	0.714	0.718	0.721	0.724	0.728	...
WORLD^b	0.697	0.713	0.722	0.727	0.729	0.731	0.737	...

... = data not available, ADB = Asian Development Bank.

Notes:

- 1 Regional indexes are calculated as an arithmetic average of the indexes of reporting economies with data corresponding to the year heading.
- 2 The Human Development Index (HDI) is calculated by the Human Development Report Office of the United Nations Development Programme (UNDP) using the most recently revised historical data from national and international agencies, which continually improve their data series. Hence, the HDI values and ranks presented in this table are not comparable to those published in previous editions. For this 2022 edition, HDI data presented depict the state of human development before the COVID-19 pandemic, based on available data for 2019 and previous years. More information is available from the UNDP website at <http://hdr.undp.org/en/content/human-development-report-2020-readers-guide>.

a Rank in 2019 among the 189 national economies presented in the Human Development Report 2020 of the UNDP.

b Calculated by the UNDP Human Development Report Office by applying the human development index formula to the weighted group averages of component indicators. Missing values are estimated using cross-economy regression models.

Sources: United Nations Development Programme. Human Development Data (1990–2019). <http://hdr.undp.org/en/data#> (accessed 04 July 2022). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. <https://eng.stat.gov.tw/ct.asp?xItem=25280&ctNode=6032&mp=5> (accessed 04 July 2022).

Social Indicators

Table 2.1.8: Life Expectancy at Birth
(years)

ADB Regional Member	Both Sexes		Female		Male	
	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies						
Central and West Asia^a	66.0	68.3	67.8	70.0	64.3	66.8
Afghanistan	61.0	65.2	62.5	66.7	59.7	63.7
Armenia	73.3	75.2	76.4	78.7	70.0	71.5
Azerbaijan	70.9	73.1	74.1	75.6	67.8	70.6
Georgia	71.5	73.9	76.0	78.3	66.9	69.5
Kazakhstan	68.5	71.4	73.4	75.5	63.6	67.1
Kyrgyz Republic	69.3	71.8	73.5	76.0	65.3	67.8
Pakistan	65.3	67.4	66.2	68.5	64.4	66.5
Tajikistan	68.7	71.3	71.2	73.6	66.5	69.1
Turkmenistan	66.7	68.3	70.2	71.9	63.2	64.8
Uzbekistan	69.7	71.8	72.5	74.0	66.9	69.7
East Asia^a	74.7	76.1	76.9	78.4	72.7	74.0
China, People's Republic of	74.4	77.1	76.6	79.4	72.5	75.0
Hong Kong, China	83.0	85.4	86.0	88.0	80.1	82.9
Korea, Republic of	80.1	83.4	83.6	86.5	76.8	80.5
Mongolia	67.4	70.1	71.6	74.3	63.5	66.0
Taipei, China	79.2	81.3	82.5	84.7	76.1	78.1
South Asia^a	67.2	70.3	68.3	71.8	66.1	69.0
Bangladesh	69.9	72.9	71.3	74.9	68.7	71.1
Bhutan	68.4	72.1	68.6	72.5	68.2	71.7
India	66.7	69.9	67.7	71.2	65.7	68.7
Maldives	75.9	79.2	77.4	81.0	74.7	77.8
Nepal	67.6	71.1	69.0	72.5	66.3	69.5
Sri Lanka	75.4	77.1	78.9	80.4	72.0	73.8
Southeast Asia^a	70.5	72.8	73.4	75.8	67.6	69.8
Brunei Darussalam	74.7	76.0	75.9	77.3	73.7	74.9
Cambodia	66.6	70.1	68.6	72.2	64.3	67.7
Indonesia	69.2	71.9	71.3	74.2	67.2	69.8
Lao People's Democratic Republic	64.3	68.2	66.1	70.1	62.5	66.4
Malaysia	74.5	76.3	76.7	78.5	72.5	74.4
Myanmar	63.5	67.4	66.9	70.3	60.1	64.3
Philippines	69.8	71.4	74.0	75.6	66.0	67.4
Singapore	81.5	83.7	84.0	86.1	79.2	81.5
Thailand	74.2	77.3	77.7	81.1	70.7	73.7
Timor-Leste	67.2	69.7	68.8	71.9	65.6	67.7
Viet Nam	74.8	75.5	78.9	79.6	70.7	71.4
The Pacific^{a,b}	63.6	66.0	65.1	67.5	62.1	64.6
Cook Islands	74.5	76.9 (2021)	77.4	79.9 (2021)	71.7	74.1 (2021)
Fiji	66.7	67.6	68.3	69.5	65.2	65.8
Kiribati	65.8	68.6	69.7	72.6	61.9	64.5
Marshall Islands	71.4	74.4 (2021)	73.5	76.8 (2021)	69.3	72.1 (2021)
Micronesia, Federated States of	66.5	68.0	68.2	69.7	64.9	66.3
Nauru	64.0	67.6 (2021)	67.6	71.3 (2021)	60.5	64.1 (2021)
Niue ^c	73.1 ^d (2011)	73.6 ^e (2016)	76.3 ^d (2011)	75.7 ^e (2016)	70.1 ^d (2011)	71.8 ^e (2016)
Palau	71.3	74.4 (2021)	74.6	77.8 (2021)	68.2	71.2 (2021)
Papua New Guinea	62.0	64.7	63.4	66.1	60.7	63.5
Samoa	71.7	73.5	74.0	75.6	69.5	71.4
Solomon Islands	70.7	73.1	72.5	75.0	69.1	71.4
Tonga	70.1	71.0	72.0	73.0	68.1	69.1
Tuvalu	64.5	68.1 (2021)	66.7	70.6 (2021)	62.3	65.7 (2021)
Vanuatu	69.1	70.6	70.8	72.3	67.6	69.1
Developed ADB Member Economies^a	82.6	84.3	85.9	87.2	79.5	81.5
Australia	81.7	83.2	84.0	85.3	79.5	81.2
Japan	82.8	84.6	86.3	87.7	79.6	81.6
New Zealand	80.7	82.1	82.7	83.9	78.8	80.3
DEVELOPING ADB MEMBER ECONOMIES^{a,b}	70.5	72.7	72.4	74.7	68.7	70.8
ALL ADB REGIONAL MEMBERS^{a,b}	71.0	73.1	73.0	75.2	69.1	71.2
WORLD^f	70.6	72.7	72.8	75.1	68.4	70.6

ADB = Asian Development Bank.

a Estimated as weighted averages using total population of appropriate sex(es) from the United Nations' World Population Prospects 2019 as weight. For the Cook Islands, Marshall Islands, Nauru, Niue, Palau, and Tuvalu, sex-disaggregated population figures were derived using total populations from World Population Prospects 2019 and the proportions of total population by sex for Pacific small island states from the World Bank's World Development Indicators.

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

c Calculated directly from recorded deaths, through 5-year periods.

d Covers 2007–2011.

e Covers 2012–2016.

f Estimated by the World Bank as weighted averages using total population of appropriate sex(es) as weight.

Sources: United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 05 April 2022); and World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 23 May 2022). For the Cook Islands, the Marshall Islands, Nauru, Palau, and Tuvalu: United States Census Bureau. International Data Base. <https://www.census.gov/programs-surveys/international-programs/data/tools/international-data-base.html> (accessed 23 May 2022). For Niue: Statistics Niue. Vital Statistics Report 2012–2016. <https://niue.prism.spc.int/> (accessed 23 May 2022). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. <https://eng.dgbas.gov.tw/mp.asp?mp=2> (accessed 23 May 2022).

Table 2.1.9: Births, Deaths, and Fertility Rates

ADB Regional Member	Crude Birth Rate (per 1,000 people)		Crude Death Rate (per 1,000 people)		Total Fertility Rate (births per woman)	
	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies						
Central and West Asia^a	29.0	26.5	7.4	6.7	3.7	3.3
Afghanistan	39.8	31.2	8.3	6.2	6.0	4.2
Armenia	15.3	13.3	9.7	9.8	1.7	1.8
Azerbaijan	18.3	12.5	5.9	7.5	1.9	1.7
Georgia	13.9	12.9	13.1	12.7	1.9	2.0
Kazakhstan	22.5	22.8	9.0	8.6	2.6	3.1
Kyrgyz Republic	26.8	24.0	6.6	6.1	3.1	3.0
Pakistan	30.1	27.4	7.6	6.8	4.0	3.4
Tajikistan	31.6	29.2	5.7	4.7	3.6	3.5
Turkmenistan	25.4	22.3	7.2	7.0	2.8	2.7
Uzbekistan	22.0	24.6	4.8	5.1	2.3	2.9
East Asia^a	11.8	8.4	7.0	7.0	1.6	1.7
China, People's Republic of	11.9	8.5	7.1	7.1	1.6	1.7
Hong Kong, China	12.6	5.8	6.0	6.8	1.1	0.9
Korea, Republic of	9.4	5.3	5.1	5.9	1.2	0.8
Mongolia	24.7	22.6	6.6	6.4	2.6	2.8
Taipei, China	7.2	6.6 (2021)	6.3	7.8 (2021)	0.9	1.0
South Asia^a	21.1	17.5	7.3	7.1	2.5	2.2
Bangladesh	21.1	17.5	5.7	5.5	2.3	2.0
Bhutan	19.4	16.7	6.4	6.3	2.3	1.9
India	21.1	17.4	7.5	7.3	2.6	2.2
Maldives	19.6	13.1	3.5	2.7	2.2	1.8
Nepal	22.7	19.3	6.8	6.3	2.5	1.8
Sri Lanka	17.8	15.3	6.0	6.9	2.2	2.2
Southeast Asia^a	19.8	16.9	6.5	6.6	2.4	2.2
Brunei Darussalam	17.3	14.1	3.8	4.7	1.9	1.8
Cambodia	25.5	21.6	6.5	6.0	2.9	2.5
Indonesia	20.8	17.4	6.7	6.6	2.5	2.3
Lao People's Democratic Republic	26.9	22.7	7.4	6.3	3.1	2.6
Malaysia	17.3	16.4	4.6	5.3	2.1	2.0
Myanmar	19.8	17.2	8.9	8.3	2.4	2.1
Philippines	25.0	19.9	5.6	6.0	3.2	2.5
Singapore	9.3	8.5	4.4	5.2	1.2	1.1
Thailand	11.8	10.0	7.2	7.9	1.5	1.5
Timor-Leste	30.7	29.0	6.5	5.9	4.8	3.9
Viet Nam	17.3	16.1	5.8	6.4	1.9	2.0
The Pacific^{a,b}	29.4	26.2	7.9	7.1	3.9	3.5
Cook Islands	15.4	12.9 (2021)	7.2	8.9 (2021)	2.4	2.1 (2021)
Fiji	22.3	20.6	8.0	8.3	2.8	2.7
Kiribati	29.6	27.0	7.0	6.3	3.8	3.5
Marshall Islands	29.9	22.4 (2021)	4.5	4.3 (2021)	3.5	2.8 (2021)
Micronesia, Federated States of	24.1	22.6	7.2	6.7	3.5	3.0
Nauru	28.2	21.5 (2021)	6.3	6.2 (2021)	3.1	2.6 (2021)
Niue	15.8 ^c	8.8 ^e	8.3 ^c	4.7 ^e	2.8 ^c	2.7 ^d (2016)
Palau	11.9	11.0	8.1	7.6	2.2 (2012)	2.2 (2015)
Papua New Guinea	30.0	26.5	8.3	7.3	4.0	3.5
Samoa	28.0	23.9	5.8	5.2	4.3	3.8
Solomon Islands	34.0	31.4	4.8	4.2	4.4	4.3
Tonga	27.4	23.8	7.2	7.0	3.9	3.5
Tuvalu	23.0	23.0 (2021)	9.3	8.0 (2021)	3.1	2.9 (2021)
Vanuatu	32.3	28.8	5.5	5.1	4.1	3.7
Developed ADB Member Economies^a	9.4	7.7	9.0	10.2	1.5	1.4
Australia	13.7	11.5	6.5	6.3	1.9	1.6
Japan	8.5	6.8	9.5	11.1	1.4	1.3
New Zealand	14.7	11.3	6.5	6.4	2.2	1.6
DEVELOPING ADB MEMBER ECONOMIES^{a,b}	17.9	14.8	7.1	7.0	2.2	2.1
ALL ADB REGIONAL MEMBERS^{a,b}	17.6	14.6	7.1	7.1	2.2	2.1
WORLD^f	19.8	17.3	7.8	7.7	2.5	2.4

ADB = Asian Development Bank.

- a ADB estimates using (i) data on total population from the United Nations' World Population Prospects 2019; (ii) data on crude birth rates, crude death rates, and total fertility rates from the World Bank's World Development Indicators, the United States Census Bureau's international database, and each economy's official sources; and (iii) data on the population of women of reproductive age from the World Health Organization's data portal, World Population Prospects 2019, and official communication from The Pacific Community's Statistics for Development Division.
- b For estimating aggregates, imputation was done for economies with missing data by substituting available data from the nearest years.
- c Refers to a multiyear average for the intercensal years 2007–2011. Crude birth rate and crude death rate are calculated by dividing the average annual number of births and deaths of the intercensal period 2007–2011 by the midperiod population size of the intercensal period. For total fertility rate, the estimate is based on the average registered number of children born, by age of mother, of the intercensal period 2007–2011, and the estimated midperiod number of women of childbearing age.
- d Refers to a multiyear average for the intercensal years 2012–2016. Total fertility rate is estimated based on the average registered number of children born, by age of mother, of the intercensal period 2012–2016, and the estimated midperiod number of women of childbearing age.
- e Refers to July–December 2020.
- f Estimated by the World Bank as weighted averages of the rates using the value of the denominator or, in some cases, another indicator as a weight. Aggregation is done after imputing values for missing data according to certain imputation rules by the World Bank, as described in their data compilation methodology.

Sources: The Pacific Community, Statistics for Development Division. Official communication, 15 April 2022; past communication; United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 04 April 2022); World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 23 May 2022); and World Health Organization. Maternal, Newborn, Child & Adolescent Health. [https://www.who.int/data/maternal-newborn-child-adolescent/indicator-explorer-new/mca/women-of-reproductive-age-\(15-49-years\)-population-\(thousands\)](https://www.who.int/data/maternal-newborn-child-adolescent/indicator-explorer-new/mca/women-of-reproductive-age-(15-49-years)-population-(thousands)) (accessed 24 May 2022). For the Cook Islands, the Marshall Islands, Nauru, and Tuvalu: United States Census Bureau. International Database. <https://www.census.gov/programs-surveys/international-programs/data/tools/international-data-base.html> (accessed 23 May 2022). For Niue: Statistics Niue, Department of Finance and Planning. <https://niue.prism.spc.int> (accessed 23 May 2022). For Taipei, China: Government of Taipei, China, Ministry of the Interior. <https://www.moi.gov.tw/english/> (accessed 23 May 2022).

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Table 2.1.10: Adult (15 Years and Older) Literacy Rate

(%)

ADB Regional Member	Both Sexes		Female		Male	
	2010	2019	2010	2019	2010	2019
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	31.4 (2011)	37.3 (2021)	17.0 (2011)	22.6 (2021)	45.4 (2011)	52.1 (2021)
Armenia	99.7 (2011)	99.8 (2020)	99.7 (2011)	99.7 (2020)	99.8 (2011)	99.8 (2020)
Azerbaijan	99.8 ^a	99.8	99.7 ^a	99.7	99.9 ^a	99.9
Georgia	99.7 (2002)	99.6	99.6 (2002)	99.5	99.8 (2002)	99.7
Kazakhstan	99.8 ^b	99.8 ^b (2018)	99.7 ^b	99.7 ^b (2018)	99.8 ^b	99.8 ^b (2018)
Kyrgyz Republic	99.2 (2009)	99.6 ^b (2018)	99.0 (2009)	99.5 ^b (2018)	99.5 (2009)	99.7 ^b (2018)
Pakistan	55.4	58.0	41.0	46.5	68.9	69.3
Tajikistan	99.5 (2000)	99.8 ^b (2014)	99.2 (2000)	99.7 ^b (2014)	99.7 (2000)	99.8 ^b (2014)
Turkmenistan	...	99.7 ^b (2014)	...	99.6 ^b (2014)	...	99.8 ^b (2014)
Uzbekistan	98.6 (2000)	100.0	98.1 (2000)	100.0	99.2 (2000)	100.0
East Asia						
China, People's Republic of	95.1	96.8 ^b (2018)	92.7	95.2 ^b (2018)	97.5	98.5 ^b (2018)
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	98.0 (2008)	...	97.6 (2008)	...	98.3 (2008)	...
Mongolia	98.3	99.2 (2020)	98.3	99.2 (2020)	98.2	99.1 (2020)
Taipei, China	...	...	...	...	...	...
South Asia						
Bangladesh	58.8 (2011)	74.9 (2020)	55.1 (2011)	72.0 (2020)	62.5 (2011)	77.8 (2020)
Bhutan	55.3 (2012)	66.6 (2017)	45.2 (2012)	57.1 (2017)	66.0 (2012)	75.0 (2017)
India	69.3 (2011)	74.4 ^b (2018)	59.3 (2011)	65.8 ^b (2018)	78.9 (2011)	82.4 ^b (2018)
Maldives	98.4 (2006)	97.7 (2016)	98.4 (2006)	98.1 (2016)	98.4 (2006)	97.3 (2016)
Nepal	59.6 (2011)	67.9 ^b (2018)	48.8 (2011)	59.7 ^b (2018)	71.7 (2011)	78.6 ^b (2018)
Sri Lanka	91.2	92.3	90.0	91.6	92.6	93.0
Southeast Asia						
Brunei Darussalam	96.1 (2011)	97.2 ^b (2018)	94.7 (2011)	96.3 ^b (2018)	97.4 (2011)	98.1 ^b (2018)
Cambodia	76.1 (2009)	80.5 (2015)	69.1 (2009)	75.0 (2015)	83.9 (2009)	86.5 (2015)
Indonesia	92.8 (2011)	96.0 (2020)	90.1 (2011)	94.6 (2020)	95.6 (2011)	97.4 (2020)
Lao People's Democratic Republic	58.3 ^b (2011)	84.7 (2015)	49.7 ^b (2011)	79.4 (2015)	67.4 ^b (2011)	90.0 (2015)
Malaysia	93.1	95.0	90.7	93.6	95.4	96.2
Myanmar	89.9 (2000)	89.1	86.4 (2000)	86.3	93.9 (2000)	92.4
Philippines	95.4 (2008)	96.3	95.8 (2008)	96.9	95.0 (2008)	95.7
Singapore	95.9	97.5	93.8	96.1	98.0	98.9
Thailand	96.4	93.8 (2018)	96.4	92.4 (2018)	96.4	95.2 (2018)
Timor-Leste	58.3	68.1 ^b (2018)	53.0	64.2 ^b (2018)	63.6	71.9 ^b (2018)
Viet Nam	93.5 (2009)	95.8	91.4 (2009)	94.6	95.8 (2009)	97.0
The Pacific						
Cook Islands	...	...	...	...	...	...
Fiji	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...
Marshall Islands	98.3 (2011)	...	98.2 (2011)	...	98.3 (2011)	...
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	...	96.6 (2015)	...	96.3 (2015)	...	96.8 (2015)
Papua New Guinea	61.6 ^b	...	57.9 ^b	...	65.3 ^b	...
Samoa	99.0 (2011)	99.1 ^b (2018)	99.1 (2011)	99.2 ^b (2018)	98.9 (2011)	99.0 ^b (2018)
Solomon Islands	76.6 ^b (2009)	...	69.0 ^b (2009)	...	83.7 ^b (2009)	...
Tonga	99.4 (2011)	99.4 ^b (2018)	99.4 (2011)	99.5 ^b (2018)	99.3 (2011)	99.4 ^b (2018)
Tuvalu	...	...	...	...	...	...
Vanuatu	78.4 ^b (2004)	87.5 ^b (2018)	76.2 ^b (2004)	86.7 ^b (2018)	80.5 ^b (2004)	88.3 ^b (2018)
Developed ADB Member Economies						
Australia	...	...	...	...	...	...
Japan	...	...	...	...	...	...
New Zealand	...	...	...	...	...	...
WORLD	84.0	86.7 (2020)	79.8	83.3 (2020)	88.3	90.1 (2020)

... = data not available, ADB = Asian Development Bank.

a Based on national estimation.

b Refers to UNESCO Institute for Statistics estimates.

Source: United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics. UIS.Stat Database. <http://data.uis.unesco.org/> (accessed 27 May 2022).

Table 2.1.11: Years of Schooling

ADB Regional Member	Expected ^a					
	Both Sexes		Female		Male	
	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	9.3 (2011)	10.2 ^c (2018)	7.2 (2011)	7.7 ^c (2018)	11.2 (2011)	12.6 ^c (2018)
Armenia	13.1 ^c	13.1	13.4 ^c	13.8	12.8 ^c	12.5
Azerbaijan	...	13.5 ^d	...	13.6 ^d	...	13.4 ^d
Georgia	13.5 ^c (2009)	15.6	13.5 ^c (2008)	15.9	12.8 ^c (2008)	15.2
Kazakhstan	14.6	15.8	14.8	16.0	14.3	15.5
Kyrgyz Republic	12.4 ^d	13.2	12.7 ^d	13.4	12.2 ^d	13.0
Pakistan	6.8 ^c (2011)	8.7 ^c (2019)	6.1 ^c (2011)	8.1 ^c (2019)	7.4 ^c (2011)	9.2 ^c (2019)
Tajikistan	11.2	11.4 (2013)	10.4	10.7 (2013)	12.0	12.1 (2013)
Turkmenistan	...	13.2 ^c	...	13.0 ^c	...	13.4 ^c
Uzbekistan	11.5	12.5 (2019)	11.3	12.4 (2019)	11.6	12.6 (2019)
East Asia						
China, People's Republic of	12.4 ^c	...	12.4 ^c	...	12.4 ^c	...
Hong Kong, China	15.9 ^c (2012)	17.3 ^c	15.7 ^c (2012)	17.6 ^c	15.6 ^c (2012)	17.0 ^c
Korea, Republic of	16.8	16.5 (2019)	16.0	16.1 (2019)	17.6	16.9 (2019)
Mongolia	14.6 ^c	15.0 (2019)	15.3 ^c	15.6 (2019)	13.9 ^c	14.4 (2019)
Taipei, China	16.7 (2012)	16.8 (2021)	16.8 (2012)	17.0 (2021)	16.7 (2012)	16.6 (2021)
South Asia						
Bangladesh	9.2 ^d (2009)	12.4 ^c	9.3 ^d (2009)	13.0 ^c	9.1 ^d (2009)	11.9 ^c
Bhutan	11.7	13.1 ^c (2018)	11.8	13.5 ^c (2018)	11.6	12.8 ^c (2018)
India	10.7 ^c	11.9	10.5 ^c	11.9	10.9 ^c	11.8
Maldives	12.2 (2003)	12.6 ^c (2019)	12.3 (2003)	14.2 ^c (2019)	12.0 (2003)	11.9 ^c (2019)
Nepal	11.9 ^c	13.2 (2019)	12.0 ^c	13.4 (2019)	11.9 ^c	12.9 (2019)
Sri Lanka	13.6 ^c	14.1 (2018)	13.8 ^c	14.5 (2018)	13.4 ^c	13.8 (2018)
Southeast Asia						
Brunei Darussalam	14.1 ^c	14.0	14.3 ^c	14.4	13.8 ^c	13.5
Cambodia	10.6 ^c (2008)	...	9.9 ^c (2008)	...	11.2 ^c (2008)	...
Indonesia	12.3	13.6 (2018)	12.4	13.7 (2018)	12.3	13.5 (2018)
Lao People's Democratic Republic	10.0	10.1	9.2	9.9	10.7	10.3
Malaysia	12.9	13.5 (2019)	13.2	14.0 (2019)	12.5	13.0 (2019)
Myanmar	8.2 (2007)	10.7 (2018)	...	10.9 (2018)	...	10.5 (2018)
Philippines	11.4 (2009)	13.1 ^c (2017)	11.6 (2009)	13.5 ^c (2017)	11.1 (2009)	12.8 ^c (2017)
Singapore	...	16.5 ^d (2019)	...	16.7 ^d (2019)	...	16.4 ^d (2019)
Thailand	13.3 ^c	15.4 ^c (2016)	13.7 ^c	15.8 ^c (2016)	12.8 ^c	15.1 ^c (2016)
Timor-Leste	12.4	...	12.0	...	12.9	...
Viet Nam	...	...	...	...	...	...
The Pacific						
Cook Islands	11.0	14.8 (2012)	11.1	14.2 (2012)	10.9	15.5 (2012)
Fiji	13.9 (2004)	...	14.1 (2004)	...	13.7 (2004)	...
Kiribati	11.8 (2008)	...	12.2 (2008)	...	11.4 (2008)	...
Marshall Islands	12.2 ^c (2002)	10.2 (2019)	12.2 ^c (2002)	10.4 (2019)	12.2 ^c (2002)	10.1 (2019)
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	9.6 (2008)	...	9.7 (2008)	...	9.5 (2008)	...
Niue	12.2 (2005)	...	12.4 (2005)	...	12.0 (2005)	...
Palau	14.1 ^c (2000)	16.6 (2013)	14.8 ^c (2000)	17.2 (2013)	13.4 ^c (2000)	16.1 (2013)
Papua New Guinea	...	...	...	...	...	...
Samoa	12.0 (2000)	...	12.4 ^c (2000)	...	11.7 ^c (2000)	...
Solomon Islands	9.2 (2007)	...	8.8 (2007)	...	9.6 (2007)	...
Tonga	14.5 ^c (2003)	16.0	13.9 ^c (2002)	17.3	13.4 ^c (2002)	14.8
Tuvalu	10.9 (2001)	...	11.0 (2001)	...	10.8 (2001)	...
Vanuatu	10.6 ^c (2004)	...	10.2 ^c (2004)	...	10.9 ^c (2004)	...
Developed ADB Member Economies						
Australia	...	21.6 (2019)	...	22.2 (2019)	...	21.0 (2019)
Japan	...	15.2 ^c (2018)	...	15.2 ^c (2018)	...	15.2 ^c (2018)
New Zealand	...	20.3 (2019)	...	20.8 (2019)	...	19.7 (2019)
WORLD	11.5	12.5^c	11.3	12.5^c	11.6	12.5^c

continued on next page

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Table 2.1.11: Years of Schooling (continued)

ADB Regional Member	Both Sexes		Mean ^b Female		Male	
	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan		3.0 (2021)	...	2.3 (2021)	...	3.4 (2021)
Armenia	11.2 (2011)	11.2 (2017)	11.2 (2011)	11.2 (2017)	11.2 (2011)	11.2 (2017)
Azerbaijan	10.5	10.5 (2017)	10.2	10.2 (2017)	10.8	10.9 (2017)
Georgia	12.5 (2012)	12.8 (2019)	12.4 (2012)	12.9 (2019)	12.6 (2012)	12.8 (2019)
Kazakhstan	11.0 (2009)	12.2 (2018)	11.0 (2009)	12.2 (2018)	11.0 (2009)	12.2 (2018)
Kyrgyz Republic	10.9 (2009)	...	10.9 (2009)	...	10.8 (2009)	...
Pakistan	4.6	4.5 (2019)	2.9	3.9 (2019)	6.1	5.0 (2019)
Tajikistan	10.8 (2000)	11.4 (2017)	10.3 (2000)	10.8 (2017)	11.3 (2000)	12.0 (2017)
Turkmenistan	...	...	...	...	...	...
Uzbekistan	...	11.9 (2019)	...	11.7 (2019)	...	12.1 (2019)
East Asia						
China, People's Republic of	6.7	...	6.2	...	7.2	...
Hong Kong, China	11.4	12.2 (2019)	11.0	11.8 (2019)	11.9	12.7 (2019)
Korea, Republic of	11.6	12.1 (2015)	10.9	11.4 (2015)	12.5	12.9 (2015)
Mongolia	10.1	9.4	10.3	9.9	9.8	8.8
Taipei, China	...	...	...	...	...	...
South Asia						
Bangladesh	5.2 (2011)	6.5 (2019)	4.4 (2011)	6.0 (2019)	6.0 (2011)	7.1 (2019)
Bhutan	2.2 (2012)	4.1 (2017)	1.5 (2012)	3.2 (2017)	3.0 (2012)	4.8 (2017)
India	5.3 (2011)	5.3 (2011)	4.0 (2011)	4.0 (2011)	6.5 (2011)	6.5 (2011)
Maldives	...	...	...	...	...	...
Nepal	3.5 (2011)	3.5 (2011)	2.3 (2011)	2.3 (2011)	4.9 (2011)	4.9 (2011)
Sri Lanka	10.2 (2009)	11.0 (2018)	10.1 (2009)	11.1 (2018)	10.4 (2009)	11.0 (2018)
Southeast Asia						
Brunei Darussalam	11.6 (2011)	11.6 (2011)	11.3 (2011)	11.3 (2011)	11.8 (2011)	11.8 (2011)
Cambodia	3.9 (2009)	3.7 (2015)	3.1 (2009)	2.8 (2015)	5.0 (2009)	4.8 (2015)
Indonesia	7.5 (2011)	8.6	7.0 (2011)	8.2	8.0 (2011)	8.9
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia	9.7	10.6 (2019)	9.4	10.6 (2019)	10.0	10.7 (2019)
Myanmar	...	6.4 (2019)	...	6.1 (2019)	...	6.7 (2019)
Philippines	8.9	9.0 (2019)	9.0	9.2 (2019)	8.8	8.7 (2019)
Singapore	11.2	11.9 (2019)	10.8	11.5 (2019)	11.6	12.2 (2019)
Thailand	7.6	8.7 (2019)	7.4	8.6 (2019)	7.8	8.8 (2019)
Timor-Leste	...	...	...	...	...	...
Viet Nam	7.5 (2009)	8.4 (2019)	7.0 (2009)	8.0 (2019)	8.1 (2009)	8.7 (2019)
The Pacific						
Cook Islands	9.9 (2006)	...	9.8 (2006)	...	10.0 (2006)	...
Fiji	9.2 (2007)	10.6 (2017)	9.2 (2007)	10.7 (2017)	9.3 (2007)	10.6 (2017)
Kiribati	...	...	...	...	...	...
Marshall Islands	10.9 (2011)	10.9 (2011)	10.7 (2011)	10.7 (2011)	11.1 (2011)	11.1 (2011)
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	...	12.8 (2013)	...	12.9 (2013)	...	12.8 (2013)
Papua New Guinea	...	...	...	...	...	...
Samoa	11.7 (2011)	11.7 (2011)	11.8 (2011)	11.8 (2011)	11.6 (2011)	11.6 (2011)
Solomon Islands	...	...	...	...	...	...
Tonga	10.9 (2011)	10.9 (2011)	10.9 (2011)	10.9 (2011)	10.9 (2011)	10.9 (2011)
Tuvalu	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...
Developed ADB Member Economies						
Australia	12.0	12.6 (2018)	12.0	12.6 (2018)	12.0	12.5 (2018)
Japan	12.5	...	12.2	...	12.9	...
New Zealand	13.4 (2011)	12.9	13.3 (2011)	12.9	13.5 (2011)	13.0
WORLD	...	...	...	...	...	...

... = data not available, ADB = Asian Development Bank.

a Refers to the expected number of years of schooling from primary to tertiary level of education.

b Refers to the average number of completed years of education among the population aged 25 years and older (excluding years spent repeating individual grades), by highest level of education attained.

c UNESCO Institute of Statistics estimate.

d National estimate.

Sources: United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics. UIS.Stat Database. <http://data.uis.unesco.org/> (accessed 25 May 2022). For expected years of schooling for Taipei, China: Government of Taipei, China, Ministry of Education. Gender Statistics. <https://english.moe.gov.tw/cp-87-14508-95005-1.html> (accessed 25 May 2022).

Table 2.1.12: Education Resources

ADB Regional Member	Pupil/Trained Teacher Ratio ^a				Pupil/Qualified Teacher Ratio ^b			
	Primary		Secondary		Primary		Secondary	
	2010	2020	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	60.4 (2019)	...	42.1 (2018)
Armenia	27.4 (2005)	25.6	...	14.1	...	19.2	...	10.7
Azerbaijan	11.0	16.2	...	...	...	16.2	...	8.1
Georgia	9.4 ^c (2009)	...	8.0 ^c (2009)	...	...	...	...	...
Kazakhstan	...	16.8	...	8.3	...	16.8	...	8.3
Kyrgyz Republic	35.5	26.1 (2017)	18.8	14.0 (2017)	48.8 (2002)	...	...	...
Pakistan	48.0	61.9 (2019)	30.6 (2011)	31.9 (2017)	82.2 (2011)	92.1 (2017)	37.0 (2011)	34.4 (2017)
Tajikistan	27.1	22.3 (2017)	17.0 (2004)	...	...	23.0 (2017)	...	...
Turkmenistan	...	26.0	...	9.6	...	25.9	...	9.6
Uzbekistan	17.8	20.7	13.0	11.0 (2019)	15.4 (2012)	20.6	13.1 (2012)	10.9 (2019)
East Asia								
China, People's Republic of	...	...	...	...	...	17.0	...	14.2
Hong Kong, China	15.9	13.4	17.7 ^d	11.4	...	12.9	...	10.9
Korea, Republic of	...	...	...	...	...	...	...	...
Mongolia	31.0	34.2 (2019)	14.8	15.3 (2019)	...	32.3 (2019)	...	14.1 (2019)
Taipei, China	...	...	...	...	...	...	...	...
South Asia								
Bangladesh	78.3 ^c (2009)	59.6 ^d (2017)	57.4 ^c (2012)	53.2	...	30.1 ^d (2018)	...	32.8
Bhutan	32.7 (2008)	32.0	28.5 (2008)	10.8 ^d (2018)	...	32.0	...	10.6
India	...	34.0	...	25.4	...	28.5	...	22.9
Maldives	15.2	10.9 (2019)	8.4	5.8 (2019)	...	21.9 (2019)	...	7.2 (2019)
Nepal	43.3	20.3 (2019)	49.1 ^d	36.5	...	20.4 (2019)	...	34.2
Sri Lanka	29.1	26.1 (2019)	21.9	22.1 (2018)	...	26.0 (2019)	...	22.3 (2018)
Southeast Asia								
Brunei Darussalam	13.0	10.9	10.9 (2011)	8.3	...	9.3	...	7.8
Cambodia	48.9	42.1	25.4 (2011)	21.9 (2019)	...	42.1	...	...
Indonesia	...	...	...	...	37.2 (2012)	17.5	22.3 (2012)	16.8
Lao People's Democratic Republic	30.2	22.1	20.4 ^d	17.1	...	24.8 ^d (2018)	...	22.4 ^d (2017)
Malaysia	13.2	12.3 (2019)	14.6	12.7 (2019)	...	12.2 (2019)	...	11.8 (2019)
Myanmar	28.3	25.6 (2018)	34.5	30.6 (2018)	...	26.7 (2018)	...	28.1 (2018)
Philippines	...	25.7 (2019)	...	25.2 (2019)	...	25.8 (2019)	...	25.2 (2019)
Singapore	18.5 (2009)	14.5 (2019)	16.3 (2009)	11.6 (2019)	18.2 (2009)	14.2 (2019)	16.2 (2009)	11.3 (2019)
Thailand	...	11.8	...	23.6	...	11.8	...	23.6
Timor-Leste	...	...	...	...	...	34.8 (2019)	...	32.3 (2019)
Viet Nam	20.2	23.1	...	...	...	...	...	...
The Pacific								
Cook Islands	16.5 (2011)	16.3	15.6 (2011)	15.2	...	16.7 (2019)	...	14.8 (2019)
Fiji	30.8 (2011)	21.2 (2019)	26.5 (2011)	19.3 (2012)	...	19.6 (2019)	...	...
Kiribati	26.1	28.9	26.0	25.8 (2013)	25.7	30.1	22.2	31.2 (2016)
Marshall Islands	...	...	...	11.8	...	...	...	9.9
Micronesia, Federated States of	...	22.6 (2016)	...	...	...	23.3	...	...
Nauru	26.8 (2007)	40.2 (2016)	57.4 (2007)	...	...	28.1 (2019)	...	60.2 (2019)
Niue	...	43.4 (2019)	...	39.8 (2019)	...	13.1	...	6.2 (2019)
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	27.4 (2012)	27.4 (2012)	...	...	...	...
Samoa	21.9 (2012)	24.3 (2014)	...	...	...	30.1 (2019)	...	...
Solomon Islands	34.4	29.9 (2019)	39.6	37.1 (2012)	...	29.9 (2019)	16.1	27.6 (2017)
Tonga	...	23.3	...	24.8 (2015)	...	21.9	...	18.3 (2015)
Tuvalu	...	15.9 (2019)	...	25.7	...	12.5 (2019)	...	16.5
Vanuatu	23.8 (2007)	79.0 (2019)	36.1	23.3 (2017)	...	44.4 (2019)	...	26.1 (2015)
Developed ADB Member Economies								
Australia	...	...	...	...	...	...	...	...
Japan	...	...	...	...	...	...	...	...
New Zealand	...	...	...	...	...	...	...	...
WORLD	...	27.3^d	...	19.6^d (2019)	...	24.6^d	...	17.6^d

... = data not available, ADB = Asian Development Bank.

a The UNESCO Institute for Statistics (UIS) defines a trained teacher as one who has received at least the minimum organized pedagogical teacher training pre-service and in-service required for teaching at the relevant level in a given economy in a given academic year.

b The UIS defines a qualified teacher as one who has at least the minimum academic qualifications required for teaching their subjects at the relevant level in a given economy in a given academic year.

c National estimation.

d UIS estimation.

Source: United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics Database. UIS.Stat. <http://data.uis.unesco.org/> (accessed 30 May 2022).

Social Indicators

Table 2.1.13: Health Care Resources
(per 1,000 population)

ADB Regional Member	Physicians ^a		Hospital Beds ^b	
	2000	2019	2000	2017
Developing ADB Member Economies				
Central and West Asia				
Afghanistan	0.24	0.25	0.4	0.4 (2017)
Armenia	2.84	4.40 (2017)	3.7	4.2 (2015)
Azerbaijan	3.66	3.17 (2019)	5.1	4.8 (2014)
Georgia	4.45	5.11	3.0	2.9 (2014)
Kazakhstan	3.93	4.07	7.3	6.1 (2014)
Kyrgyz Republic	2.34	2.21 (2014)	4.8	4.4 (2014)
Pakistan	0.81	1.12 (2019)	0.6	0.6 (2017)
Tajikistan	1.70	1.72 (2014)	5.1	4.7 (2014)
Turkmenistan	2.27	2.22 (2014)	4.1	4.0 (2014)
Uzbekistan	2.54	2.37 (2014)	4.4	4.0 (2014)
East Asia				
China, People's Republic of	1.43	2.23 (2019)	2.5	4.3 (2017)
Hong Kong, China	...	...	...	...
Korea, Republic of	1.98	2.48 (2019)	8.7	12.4
Mongolia	2.76	3.85 (2018)	6.0	8.0 (2017)
Taipei, China ^c	1.91	2.48	6.9	7.2 (2020)
South Asia				
Bangladesh	0.36	0.67	0.3 (2005)	0.8 (2016)
Bhutan	0.25 (2008)	0.50	1.7 (2006)	1.7 (2012)
India	0.69	0.74	0.5	0.5 (2017)
Maldives	1.44	2.05 (2019)	4.3 (2009)	4.3 (2009)
Nepal	0.21 (2004)	0.85	5.0 (2006)	0.3 (2012)
Sri Lanka	0.72	1.23	3.5	4.2 (2017)
Southeast Asia				
Brunei Darussalam	1.45	1.61 (2017)	2.5	2.9 (2017)
Cambodia	0.23	0.19 (2014)	0.8	0.9 (2016)
Indonesia	0.14	0.62	0.6	1.0 (2017)
Lao People's Democratic Republic	0.20 (2009)	0.35	0.7	1.5 (2012)
Malaysia	1.17	2.29	1.8	1.9 (2017)
Myanmar	0.52	0.74 (2019)	0.6 (2006)	1.0 (2017)
Philippines	1.27	0.77	1.1	1.0 (2014)
Singapore	1.76	2.46 (2019)	3.1 (2008)	2.5 (2017)
Thailand	0.39	0.95	2.1	2.1 (2010)
Timor-Leste	0.08	0.76	5.9	5.9 (2010)
Viet Nam	0.71	0.83 (2016)	2.9	2.6 (2014)
The Pacific				
Cook Islands	1.29 (2009)	1.41 (2014)	...	...
Fiji	0.44 (2009)	0.86 (2015)	2.1 (2009)	2.0 (2016)
Kiribati	0.40	0.20 (2013)	1.4	1.9 (2016)
Marshall Islands	0.57	0.42 (2012)	2.7	2.7 (2010)
Micronesia, Federated States of	0.19 (2009)	...	3.2 (2009)	3.2 (2009)
Nauru	1.10	1.35 (2015)	5.0	5.0 (2010)
Niue	1.88 (2008)	...	...	...
Palau	1.61	1.77	4.8	4.8 (2010)
Papua New Guinea	0.05	0.07 (2019)	...	...
Samoa	0.34	0.60	1.0 (2007)	...
Solomon Islands	0.18 (2008)	0.19 (2016)	1.4 (2005)	1.4 (2012)
Tonga	0.56	0.95	2.6	2.6 (2010)
Tuvalu	1.15 (2009)	1.19	5.6 (2001)	...
Vanuatu	0.12 (2008)	0.17 (2016)	1.7 (2008)	1.7 (2008)
Developed ADB Member Economies				
Australia	3.34	4.13	3.8	3.8 (2016)
Japan	2.21	2.48 (2018)	13.5	13.0
New Zealand	2.61	3.62	2.8	2.6 (2019)
WORLD	1.52	1.76 (2017)	2.6	2.9 (2017)

... = data not available, ADB = Asian Development Bank.

a Main source of data is the United Nations Statistics Division's Global SDG Indicators database.

b Main source of data is the World Health Organization's Global Health Observatory.

c Physicians include doctors of Chinese medicine.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 4 May 2022); World Health Organization. Global Health Observatory. <https://www.who.int/data/gho> (accessed 4 May 2022); and United Nations Statistics Division. Global SDG Indicators Database. <https://unstats.un.org/sdgs/indicators/database/> (accessed 4 May 2022). For Taipei, China: Government of Taipei, China, Directorate-General of Budget, Accounting and Statistics. <https://eng.dgbas.gov.tw/mp.asp> (accessed 4 May 2022).

Table 2.1.14: Adults Aged 15 Years and Older Living with HIV
('000)

ADB Regional Member	All Adults		Women	
	2010	2019	2010	2019
Developing ADB Member Economies				
Central and West Asia				
Afghanistan	4.3	11.0	1.2	3.3
Armenia	3.8	4.7	1.4	1.7
Azerbaijan	8.4	9.8	3.2	3.6
Georgia	3.0	8.3	1.0	2.6
Kazakhstan	15.0	35.0	4.6	11.0
Kyrgyz Republic	3.7	8.9	1.1	2.8
Pakistan	66.0	200.0	7.3	38.0
Tajikistan	5.0	13.0	1.9	5.3
Turkmenistan	...	...	...	...
Uzbekistan	22.0	53.0	7.9	20.0
East Asia				
China, People's Republic of	...	...	...	...
Hong Kong, China	...	...	...	...
Korea, Republic of	...	...	...	...
Mongolia	0.5	0.6	0.1	0.2
Taipei, China	...	...	...	...
South Asia				
Bangladesh	...	...	...	...
Bhutan	1.1	1.3	0.5	0.5
India	...	...	...	...
Maldives	...	...	...	...
Nepal	30.0	29.0	11.0	13.0
Sri Lanka	3.9	3.7	1.1	1.1
Southeast Asia				
Brunei Darussalam	...	...	...	...
Cambodia	76.0	72.0	40.0	38.0
Indonesia	390.0	520.0	120.0	190.0
Lao People's Democratic Republic	8.6	15.0	3.6	6.0
Malaysia	72.0	92.0	12.0	17.0
Myanmar	...	...	...	...
Philippines	17.0	110.0	1.1	7.1
Singapore	6.1	8.0	0.7	0.7
Thailand	610.0	470.0 (2019)	280.0	220.0
Timor-Leste	...	...	...	...
Viet Nam	210.0	240.0	60.0	80.0
The Pacific				
Cook Islands	...	...	...	...
Fiji	0.5	1.2	0.5	0.6
Kiribati	...	...	...	...
Marshall Islands	...	...	...	...
Micronesia, Federated States of	...	...	...	...
Nauru	...	...	...	...
Niue	...	...	...	...
Palau	...	...	...	...
Papua New Guinea	30.0	52.0	17.0	31.0
Samoa	...	...	...	...
Solomon Islands	...	...	...	...
Tonga	...	...	...	...
Tuvalu	...	...	...	...
Vanuatu	...	...	...	...
Developed ADB Member Economies				
Australia	21.0	30.0	2.6	4.1
Japan	22.0	30.0	2.3	3.0
New Zealand	2.4	3.6	0.5	0.6
WORLD	28,600.0	36,000.0	14,900.0	19,300.0

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

Note: Figures reported in this table are based on modelled HIV estimates. According to the Joint United Nations Programme on HIV/AIDS, modelled HIV estimates provide a scientifically appropriate way of describing HIV epidemic levels and trends, and are required because it is impossible to count the exact number of people living and newly infected with HIV, or people who have died from AIDS-related causes, in any given economy. Doing so would require regularly testing every person for HIV and investigating all deaths, which is logistically impossible and ethically problematic.

Source: Joint United Nations Programme on HIV/AIDS (UNAIDS). AIDSInfo. <https://aidsinfo.unaids.org/> (accessed 5 April 2022).

Data Issues and Comparability

Demographic data are based on vital registration records, censuses, and surveys. Since vital registration records in many developing ADB member economies are incomplete, they cannot be used for statistical purposes. In most economies, population censuses, which are used to provide more accurate estimates of population sizes, are conducted every 10 years. Population numbers in between census years are products of imputation methods that use various population distributional assumptions.

The United Nations (UN) Department of Economics and Social Affairs' Population Division uses future trends on fertility, mortality, and international migration to project population numbers through to 2100. The medium-fertility variant included in the UN's World Population Prospects 2019 assumes, over the remainder of the century, a decline of fertility in economies where large families are still prevalent, a slight increase of fertility in several economies where women have fewer than two live births on average over a lifetime, and continued reductions in mortality at all ages.

Urban population statistics are compiled according to each economy's national definition, as there is no agreed international standard for defining an urban area, which poses constraints in comparability of urban and city indicators across economies. Data from World Urbanization Prospects were used when national estimates were not available.

Household surveys, which are the best source of labor force data, are not carried out in all economies on a regular basis. Some economies rely on census data supplemented by enterprise surveys and unemployment registration records, which are often incomplete and may refer only to formal employment. Furthermore, a breakdown by economic activities also may not be available. An initiative is underway to adopt new standards for work and employment statistics, following the recommendations of the 19th International Conference of Labour Statisticians in 2013. These recommendations were adopted by Armenia, beginning 2018; Azerbaijan, beginning 2015; Brunei Darussalam, beginning 2017; Georgia, beginning 2010; the Lao People's Democratic Republic, beginning 2017; Malaysia, beginning 2019; Mongolia, beginning 2019; Nepal, beginning 2018; Timor-Leste, beginning 2010; and Uzbekistan, beginning 2017. Hence, data for these years may not be directly comparable with data in other years. For all other economies, the conceptual definitions used are based on the old framework.

National Accounts

Table 2.2.1: Gross Domestic Product at Purchasing Power Parity
(current international dollars, million)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia	1,486,906	1,909,014	...	...	...	...	...	...
Afghanistan	51,348	74,020	70,098	74,712	77,407	81,873	80,912	...
Armenia	21,600	29,167	31,429	35,677	38,428	42,089	39,445	43,425
Azerbaijan	132,906	144,146	140,230	139,153	144,614	150,881	146,133	160,730
Georgia	28,646	45,036	47,930	50,663	54,385	58,116	54,840	63,036
Kazakhstan	313,824	407,416	423,833	448,473	478,013	508,459	501,722	549,751
Kyrgyz Republic	16,812	25,107	28,459	31,280	33,231	35,382	32,801	35,398
Pakistan	698,091	872,097	1,010,730	1,058,469	1,150,425	1,200,250	1,199,042	1,330,980
Tajikistan	17,529	26,634	26,986	28,887	31,825	34,791	36,760	41,810
Turkmenistan	49,914	76,309	...	...	...	...	...	...
Uzbekistan	156,236	209,082	216,467	221,561	239,002	257,167	265,176	296,689
East Asia	15,208,508	21,275,594	22,304,501	23,611,726	25,665,102	27,438,274	28,411,513	31,754,075
China, People's Republic of	12,380,166	17,796,747	18,712,097	19,887,033	21,736,535	23,441,909	24,255,796	27,312,548
Hong Kong, China	345,525	411,294	419,838	442,425	465,892	466,266	441,294	490,439
Korea, Republic of	1,572,680	1,933,589	2,026,968	2,103,651	2,220,442	2,225,804	2,353,522	2,444,559
Mongolia	20,623	31,928	32,818	35,392	39,044	41,969	40,539	42,824
Taipei, China	889,513	1,102,036	1,112,781	1,143,224	1,203,189	1,262,325	1,320,361	1,463,705
South Asia	5,829,255	8,066,857	8,837,722	9,465,611	10,314,225	10,922,747	10,431,179	...
Bangladesh	359,986	555,570	728,388	781,590	858,837	943,103	987,380	1,099,767
Bhutan	4,589	6,915	7,704	8,307	8,766	9,436	8,588	...
India	5,229,907	7,159,798	7,735,002	8,276,934	9,021,614	9,526,237	9,005,119	10,227,546
Maldives	4,650	7,628	8,279	8,964	9,924	10,796	7,266	...
Nepal	58,482	80,943	81,509	98,516	108,558	117,856	117,229	126,115
Sri Lanka	171,640	256,002	276,840	291,299	306,526	315,319	305,597	329,324
Southeast Asia	5,057,617	6,618,127	6,936,482	7,363,886	7,933,658	8,446,600	...	...
Brunei Darussalam	31,203	25,949	23,633	25,891	26,523	28,042	28,702	29,332
Cambodia	34,743	52,598	57,942	62,891	69,203	75,410	73,956	79,360
Indonesia	2,057,207	2,647,707	2,744,897	2,894,126	3,116,595	3,331,571	3,302,097	3,566,265
Lao People's Democratic Republic	22,603	41,583	46,850	50,464	54,898	58,929	60,256	64,849
Malaysia	578,575	750,777	783,874	829,297	890,232	946,384	903,704	970,742
Myanmar	161,769	227,959	213,835	225,517	245,694	266,971	...	...
Philippines	528,742	733,864	798,601	854,095	929,956	1,004,508	919,850	1,012,714
Singapore	382,734	481,405	501,496	534,906	567,737	584,224	566,769	635,267
Thailand	886,760	1,087,226	1,146,041	1,205,839	1,286,784	1,337,984	1,270,216	1,343,720
Timor-Leste ^a	2,120	3,484	3,817	3,950	4,017	4,889	6,247	...
Viet Nam	371,161	565,575	615,496	676,910	742,019	807,688	838,515	1,134,151
The Pacific^b	32,525	48,329	50,940	53,854	55,707	...	...	...
Cook Islands	...	...	...	...	...	...	...	...
Fiji	6,805	10,782	11,020	11,784	12,525	12,659	10,664	...
Kiribati	175	231	232	236	255	258	259	...
Marshall Islands	183	201	204	215	228	248	245	255
Micronesia, Federated States of	336	365	372	389	399	...	...	...
Nauru	62	158	143	138	149	151	155	164
Niue	...	...	...	...	...	...	...	...
Palau	238	313	319	319	324	323	295	...
Papua New Guinea	21,316	32,167	34,273	36,158	36,918	39,262	38,345	40,537
Samoa	1,028	1,247	1,315	1,353	1,406	1,475	1,362	1,389
Solomon Islands	1,219	1,477	1,579	1,678	1,850	1,915	1,787	...
Tonga	479	582	626	660	677	695	708	...
Tuvalu	31	39	44	46	48	55	53	58
Vanuatu	651	768	812	880	927	974	...	...
Developed ADB Member Economies	5,527,896	6,474,131	6,490,300	6,656,172	6,802,571	6,893,829	6,912,823	...
Australia	866,656	1,101,457	1,143,149	1,190,694	1,253,361	1,312,637	1,369,885	1,436,442
Japan	4,525,401	5,199,915	5,158,900	5,262,255	5,340,832	5,354,366	5,315,621	5,396,820
New Zealand	135,840	172,759	188,251	203,223	208,377	226,827	227,317	...

... = data not available, ADB = Asian Development Bank.

Note: Gross domestic product figures in local currency units are obtained from the economies' official sources and converted into a common currency using the purchasing power parity (PPP) from the World Bank's World Development Indicators. For 2011 and 2017, PPP figures are based on results from the 2011 and 2017 benchmark cycles of the International Comparison Program (ICP). For 2010 (and years prior featured in the Key Indicators Database), the PPP figures are extrapolated from the revised 2011 ICP. For 2012–2016, PPP estimates are interpolated from the two ICP reference years 2011 and 2017. For 2017 onward, the PPP figures are extrapolated from the 2017 ICP PPPs or imputed based on a regression model. For Taipei, China, the PPP figures for 2010 and 2018–2021 are Asian Development Bank estimates using data from the economy's official sources and the World Bank, while the PPP conversion factor used for 2011–2017 was from the World Bank's ICP 2017 database.

a From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

b For reporting economies only.

Source: Asian Development Bank estimates based on data from the economies' official sources.

National Accounts

Table 2.2.2: Gross Domestic Product
(current \$ million)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia	496,071	687,867	...	...	...	...	...	...
Afghanistan	16,078	20,607	18,020	18,896	18,419	18,904	20,143	...
Armenia	9,260	10,553	10,546	11,527	12,458	13,619	12,642	13,861
Azerbaijan	52,906	53,076	37,867	40,867	47,112	48,174	42,693	54,622
Georgia	12,243	14,954	15,142	16,243	17,600	17,477	15,846	18,696
Kazakhstan	148,047	184,388	137,278	166,806	179,340	181,667	171,082	193,018
Kyrgyz Republic	4,794	6,678	6,813	7,703	8,271	8,871	7,781	8,543
Pakistan	174,508	267,035	312,354	337,137	321,692	291,919	293,752	342,501
Tajikistan	5,642	8,271	6,992	7,536	7,765	8,301	8,134	8,746
Turkmenistan	22,582	36,107	...	...	...	...	...	...
Uzbekistan	50,010	86,196	86,138	62,081	52,633	59,908	59,894	69,239
East Asia	7,911,047	13,383,287	13,608,241	14,877,114	16,604,531	16,920,080	17,359,661	20,703,991
China, People's Republic of	6,087,192	11,061,573	11,233,315	12,310,490	13,894,907	14,279,968	14,687,744	17,734,131
Hong Kong, China	228,639	309,386	320,860	341,271	361,731	363,052	344,930	369,174
Korea, Republic of	1,143,672	1,466,039	1,499,680	1,623,074	1,725,373	1,651,423	1,644,313	1,810,966
Mongolia	7,189	11,620	11,181	11,481	13,178	14,206	13,313	15,098
Taipei, China	444,354	534,670	543,205	590,798	609,342	611,431	669,362	774,622
South Asia	1,863,181	2,456,146	2,673,969	3,044,311	3,213,709	3,331,619	3,170,251	...
Bangladesh	114,508	194,466	264,543	288,958	316,206	349,474	373,562	414,907
Bhutan	1,548	2,004	2,159	2,450	2,447	2,536	2,315	...
India	1,669,620	2,146,759	2,290,587	2,624,329	2,763,535	2,850,718	2,672,204	3,201,471
Maldives	2,588	4,109	4,379	4,754	5,301	5,608	3,743	...
Nepal	16,281	23,667	24,288	29,443	31,726	34,268	33,079	36,114
Sri Lanka	58,636	85,141	88,012	94,376	94,494	89,015	85,349	88,361
Southeast Asia	1,988,718	2,480,735	2,598,304	2,800,317	2,999,617	3,173,365	...	...
Brunei Darussalam	13,707	12,930	11,400	12,128	13,567	13,469	12,006	13,967
Cambodia	11,242	18,050	20,017	22,177	24,572	27,089	25,873	26,961
Indonesia	755,094	860,854	931,877	1,015,619	1,042,272	1,119,100	1,058,689	1,186,093
Lao People's Democratic Republic	6,747	14,426	15,913	17,071	18,142	18,741	19,082	19,074
Malaysia	255,018	301,355	301,255	319,109	358,789	365,279	337,007	372,702
Myanmar	...	62,543	60,100	60,793	64,896	69,329	...	...
Philippines	208,369	306,446	318,627	328,481	346,842	376,823	361,751	394,086
Singapore	239,808	307,999	318,822	343,187	376,987	375,484	345,286	396,992
Thailand	341,105	401,296	413,366	456,357	506,754	544,081	499,682	505,982
Timor-Leste ^a	882	1,594	1,651	1,616	1,584	2,049	2,177	...
Viet Nam	115,932	193,241	205,276	223,780	245,214	261,921	271,158	362,638
The Pacific	21,169	31,075	30,627	33,373	35,260	...	...	...
Cook Islands	241	302	310	346	362	357	283	315
Fiji	3,140	4,682	4,930	5,353	5,581	5,482	4,476	...
Kiribati	155	170	179	188	196	178	181	...
Marshall Islands	162	185	201	213	221	240	244	254
Micronesia, Federated States of	297	316	332	367	402	...	...	...
Nauru	51	90	102	111	120	115	117	134
Niue	18	24	25	26	30	31	...	...
Palau	184	279	297	288	285	274	258	...
Papua New Guinea	14,251	21,723	20,759	22,743	24,110	24,751	24,667	26,595
Samoa	699	826	870	882	894	913	829	857
Solomon Islands	898	1,308	1,379	1,470	1,615	1,619	1,536	...
Tonga	371	403	421	461	480	508	491	...
Tuvalu	31	35	41	45	48	54	52	60
Vanuatu	671	731	781	880	915	937	...	...
Developed ADB Member Economies	7,100,697	5,842,452	6,424,843	6,485,844	6,626,753	6,689,703	6,615,056	...
Australia	1,195,108	1,219,457	1,232,327	1,348,383	1,376,964	1,352,950	1,363,214	1,552,714
Japan	5,759,072	4,444,931	5,003,678	4,930,837	5,037,835	5,123,318	5,040,108	4,937,423
New Zealand	146,518	178,064	188,838	206,624	211,953	213,435	211,735	...

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: Gross domestic product figures in local currency units are obtained from the economies' official sources and converted to United States dollars using the official exchange rates from the International Monetary Fund. The exchange rates used are expressed as the average rate for a period of time (average of period), calculated as annual averages based on the monthly averages (local currency units relative to the United States dollar). For Myanmar, the 2010 figure for gross domestic product in US dollars was converted from the domestic currency using the World Bank's alternative conversion factor to calculate the aggregate for Southeast Asia.

a From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Source: Asian Development Bank estimates based on data from the economies' official sources.

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Table 2.2.3: Gross Domestic Product per Capita at Purchasing Power Parity
(current international dollars)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia	5,375	6,398	...	...	...	...	...	...
Afghanistan	2,097	2,787	2,535	2,647	2,574	2,665	2,578	...
Armenia	7,070	9,667	10,481	11,948	12,927	14,194	13,327	14,672
Azerbaijan	14,679	15,117	14,371	14,121	14,549	15,052	14,479	15,925
Georgia	7,565	12,108	12,858	13,590	14,594	15,622	14,731	16,933
Kazakhstan	19,433	23,571	23,814	24,868	26,160	27,472	26,744	29,304
Kyrgyz Republic	3,103	4,346	4,728	5,094	5,311	5,538	5,028	5,426
Pakistan	4,023	4,638	5,084	5,097	5,431	5,555	5,440	6,039
Tajikistan	2,331	3,226	3,121	3,269	3,531	3,777	3,907	4,444
Turkmenistan	9,812	13,960	...	...	...	...	...	...
Uzbekistan	5,470	6,798	6,797	6,841	7,252	7,658	7,746	8,667
East Asia	10,685	14,564	15,096	15,895	17,211	18,338	18,961	21,192
China, People's Republic of	9,233	12,929	13,440	14,204	15,466	16,625	17,177	19,342
Hong Kong, China	49,191	56,891	57,225	59,842	62,514	62,103	58,989	65,558
Korea, Republic of	31,737	38,103	39,575	40,957	43,044	42,998	45,403	47,159
Mongolia	7,638	10,643	10,586	11,417	12,201	12,718	11,923	12,595
Taipei, China	38,439	47,088	47,320	48,533	51,026	53,505	55,986	62,064
South Asia	4,216	5,473	5,853	6,197	6,681	6,996	6,613	...
Bangladesh	2,423	3,543	4,530	4,804	5,218	5,664	5,870	6,538
Bhutan	6,595	9,280	10,024	11,425	11,936	12,723	11,466	...
India	4,410	5,647	5,955	6,299	6,793	7,093	6,636	7,537
Maldives	11,814	17,435	17,525	18,235	19,381	20,220	13,035	...
Nepal	2,228	2,967	2,931	3,508	3,828	4,116	4,055	4,362
Sri Lanka	8,311	12,325	13,057	13,584	14,145	14,462	13,942	15,025
Southeast Asia	8,583	10,643	10,903	11,442	12,196	12,853	...	...
Brunei Darussalam	80,669	63,663	56,638	60,282	59,952	61,028	63,276	64,664
Cambodia	2,460	3,534	3,786	4,053	4,397	4,725	4,572	4,906
Indonesia	8,657	10,500	10,619	11,073	11,798	12,482	12,221	13,198
Lao People's Democratic Republic	3,741	6,498	7,113	7,552	8,099	8,569	8,637	9,295
Malaysia	20,238	24,449	24,780	25,897	27,491	29,099	27,735	29,792
Myanmar	3,225	4,385	4,041	4,224	4,562	4,913	...	...
Philippines	5,677	7,347	7,789	8,199	8,793	9,362	8,436	9,288
Singapore	75,390	88,013	89,437	95,310	100,686	102,431	99,681	111,728
Thailand	13,452	16,091	16,794	17,505	18,620	19,303	18,274	19,332
Timor-Leste ^a	1,939	2,967	3,131	3,177	3,168	3,781	4,739	...
Viet Nam	4,263	6,201	6,600	7,179	7,779	8,371	8,593	11,622
The Pacific^b	3,492	4,676	4,676	4,811	4,848	...	...	...
Cook Islands	...	...	...	...	...	...	...	...
Fiji	8,000	12,454	12,620	13,317	14,134	14,234	11,964	...
Kiribati	1,701	2,127	2,076	2,076	2,202	2,193	2,172	...
Marshall Islands	3,454	3,739	3,764	3,958	4,182	4,533	4,466	4,633
Micronesia, Federated States of	3,268	3,522	3,577	3,736	3,827	...	...	...
Nauru	6,362	14,802	13,020	12,287	13,112	13,108	13,187	13,982
Niue	...	...	...	...	...	...	...	...
Palau	13,037	18,028	17,869	17,815	18,490	18,510	16,773	...
Papua New Guinea	3,021	4,032	4,041	4,134	4,093	4,222	3,998	4,227
Samoa	5,532	6,489	6,727	6,865	7,079	7,366	6,745	6,880
Solomon Islands	2,195	2,414	2,470	2,569	2,773	2,813	2,573	...
Tonga	4,665	5,695	6,194	6,556	6,768	6,976	7,144	...
Tuvalu	2,754	3,653	4,084	4,287	4,490	5,183	5,027	5,473
Vanuatu	2,716	2,925	2,981	3,156	3,251	3,339	...	...
Developed ADB Member Economies	35,790	41,696	41,631	42,613	43,491	44,019	44,138	...
Australia	39,337	46,919	47,255	48,399	50,169	51,748	53,317	55,907
Japan	35,335	40,855	40,623	41,505	42,210	42,406	42,242	42,888
New Zealand	31,222	38,251	39,934	42,219	42,521	45,555	44,658	...

... = data not available, ADB = Asian Development Bank.

Note: The figures in the table are calculated as gross domestic product (GDP) at purchasing power parity (PPP) divided by the midyear population. GDP figures in local currency units are obtained from the economies' official sources and converted into a common currency using the PPP from the World Bank's World Development Indicators. For 2011 and 2017, PPP figures are based on results from the 2011 and 2017 benchmark cycles of the International Comparison Program (ICP). For 2010 (and years prior featured in the Key Indicators Database), the PPP figures are extrapolated from the revised 2011 ICP. For 2012–2016, PPP estimates are interpolated from the two ICP reference years 2011 and 2017. For 2017 onward, the PPP figures are extrapolated from the 2017 ICP PPPs or imputed based on a regression model. For Taipei, China, the PPP figures for 2010 and 2018–2021 are Asian Development Bank estimates using data from the economy's official sources and the World Bank, while the PPP conversion factor used for 2011–2017 was from the World Bank's ICP 2017 database.

a From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

b For reporting economies only.

Source: Asian Development Bank estimates based on data from the economies' official sources.

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Table 2.2.4: Gross National Income per Capita, Atlas Method
(current \$)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia^a	1,580	2,214	2,059	2,032	2,115	2,124	1,986	2,052
Afghanistan	510	590	550	530	510	520	500	...
Armenia	3,470	4,010	3,760	3,950	4,240	4,660	4,220	4,560
Azerbaijan	5,410	6,610	4,790	4,110	4,080	4,510	4,480	4,880
Georgia	3,210	4,410	4,080	4,040	4,460	4,690	4,260	4,740
Kazakhstan	7,440	11,380	8,770	8,040	8,070	8,820	8,710	8,720
Kyrgyz Republic	850	1,180	1,110	1,110	1,220	1,240	1,180	1,180
Pakistan	970	1,260	1,360	1,490	1,670	1,620	1,460	1,500
Tajikistan	920	1,260	1,110	1,030	1,030	1,070	1,050	1,150
Turkmenistan	4,070	7,030	6,830	6,380	6,740	7,220	...	...
Uzbekistan	1,410	2,740	2,790	2,470	2,110	1,870	1,740	1,960
East Asia^b	5,358	9,017	9,347	9,847	10,801	11,583	11,766	13,195
China, People's Republic of	4,340	7,890	8,210	8,670	9,540	10,310	10,530	11,890
Hong Kong, China	33,620	41,180	42,970	46,380	50,050	50,480	48,560	54,450
Korea, Republic of	22,290	28,720	29,330	30,300	32,750	33,830	32,930	34,980
Mongolia	2,000	3,800	3,490	3,240	3,690	3,850	3,740	3,760
Taipei, China	19,903	23,316	23,440	24,473	26,239	27,483	28,712	32,149
South Asia^a	1,182	1,582	1,672	1,823	2,025	2,132	1,971	2,226
Bangladesh	800	1,220	1,430	1,670	2,040	2,250	2,340	2,620
Bhutan	2,040	2,520	2,650	2,800	2,970	3,150	2,840	...
India	1,220	1,600	1,680	1,820	2,010	2,100	1,910	2,170
Maldives	5,960	7,650	8,070	8,600	9,210	9,640	6,450	8,400
Nepal	540	890	880	990	1,120	1,230	1,190	1,230
Sri Lanka	2,410	3,760	3,810	3,870	4,040	4,010	3,720	3,820
Southeast Asia^a	2,996	4,068	4,060	4,169	4,499	4,765	4,557	4,796
Brunei Darussalam	33,300	38,850	33,170	29,800	29,390	32,230	31,510	...
Cambodia	750	1,060	1,140	1,230	1,380	1,530	1,510	1,550
Indonesia	2,530	3,430	3,400	3,530	3,840	4,050	3,870	4,140
Lao People's Democratic Republic	1,000	1,980	2,130	2,260	2,490	2,540	2,490	2,520
Malaysia	8,260	10,680	10,150	9,950	10,650	11,260	10,570	10,930
Myanmar	620	1,170	1,200	1,180	1,220	1,270	1,340	1,140
Philippines	2,370	3,380	3,450	3,530	3,710	3,850	3,430	3,640
Singapore	44,930	53,160	53,250	54,590	56,670	58,060	55,010	64,010
Thailand	4,580	5,710	5,700	5,970	6,610	7,250	7,070	7,260
Timor-Leste	2,850	2,200	1,750	1,800	1,820	2,050	1,990	1,940
Viet Nam	1,360	2,460	2,570	2,700	3,030	3,280	3,390	3,560
The Pacific^a	2,043	3,124	3,011	2,928	3,008	3,115	3,007	...
Cook Islands	9,349	17,157	18,347	17,360	19,709	18,761	15,695	...
Fiji	3,650	5,100	5,280	5,370	5,910	5,800	4,930	4,860
Kiribati	2,040	3,450	2,800	2,930	3,170	3,440	2,910	...
Marshall Islands	3,550	4,290	4,250	4,440	4,840	5,050	4,940	5,050
Micronesia, Federated States of	2,900	3,490	3,410	3,450	3,400	3,940	3,960	3,880
Nauru	8,870 (2012)	13,690	12,720	12,310	14,500	16,230	17,330	19,470
Niue	10,896 (2011)	16,820	16,211	14,016	15,990	16,247	...	...
Palau	11,400	15,860	16,720	16,540	17,380	16,710	14,390	...
Papua New Guinea	1,740	2,860	2,710	2,590	2,600	2,720	2,720	2,790
Samoa	3,450	3,960	4,110	4,070	4,050	4,230	4,050	3,860
Solomon Islands	1,470	2,130	2,140	2,220	2,360	2,370	2,300	2,300
Tonga	3,370	4,440	4,410	4,590	4,800	5,150	5,190	...
Tuvalu	4,520	5,580	5,300	5,070	5,820	6,240	6,340	6,760
Vanuatu	2,600	2,820	2,830	2,900	3,170	3,440	3,240	3,140
Developed ADB Member Economies^b	43,905	42,647	40,915	40,903	43,571	44,129	42,935	45,037
Australia	46,690	60,490	54,090	51,480	53,070	54,910	53,680	56,760
Japan	43,910	39,380	38,460	38,930	41,770	42,010	40,810	42,620
New Zealand	29,680	40,660	39,440	38,870	41,650	43,050	41,480	45,340
DEVELOPING ADB MEMBER ECONOMIES^a	3,088	4,798	4,930	5,178	5,654	6,009	5,949	6,585
ALL ADB REGIONAL MEMBERS^a	4,705	6,234	6,287	6,515	7,063	7,417	7,305	7,981
WORLD	9,478	10,664	10,408	10,489	11,179	11,577	11,099	12,070

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: The Atlas method refers to a conversion factor that averages the exchange rate for a given year and the 2 preceding years, adjusted for differences in rates of inflation between the member economy and the G5 economies.

- a Aggregates are weighted averages estimated using midyear population. For estimating aggregates, imputation was done for economies with missing data by substituting available data from the nearest years.
- b Aggregates are weighted averages estimated using midyear population.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 4 July 2022). For the Cook Islands; Niue; and Taipei, China: Asian Development Bank estimates using the Atlas method based on the economies' official sources.

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Table 2.2.5: Gross Domestic Product per Capita
(current \$)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia	1,793	2,305	...	...	...	...	...	...
Afghanistan	657	776	652	670	612	615	642	...
Armenia	3,031	3,498	3,517	3,860	4,191	4,593	4,271	4,683
Azerbaijan	5,843	5,566	3,881	4,147	4,740	4,806	4,230	5,412
Georgia	3,233	4,020	4,062	4,357	4,723	4,698	4,257	5,022
Kazakhstan	9,168	10,668	7,713	9,249	9,815	9,816	9,119	10,289
Kyrgyz Republic	885	1,156	1,132	1,255	1,322	1,388	1,193	1,310
Pakistan	1,006	1,420	1,571	1,623	1,519	1,351	1,333	1,554
Tajikistan	750	1,002	809	853	862	901	864	930
Turkmenistan	4,439	6,605	...	...	...	...	...	...
Uzbekistan	1,751	2,802	2,705	1,917	1,597	1,784	1,750	2,023
East Asia	5,558	9,161	9,210	10,015	11,135	11,308	11,585	13,817
China, People's Republic of	4,540	8,036	8,068	8,793	9,887	10,127	10,401	12,559
Hong Kong, China	32,550	42,795	43,734	46,160	48,538	48,356	46,107	49,348
Korea, Republic of	23,079	28,889	29,280	31,601	33,447	31,902	31,721	34,936
Mongolia	2,663	3,873	3,607	3,703	4,118	4,305	3,916	4,441
Taipei, China	19,202	22,846	23,099	25,081	25,841	25,916	28,382	32,845
South Asia	1,348	1,666	1,771	1,993	2,082	2,134	2,010	...
Bangladesh	771	1,240	1,645	1,776	1,921	2,099	2,221	2,466
Bhutan	2,225	2,689	2,809	3,370	3,332	3,419	3,092	...
India	1,408	1,693	1,763	1,997	2,081	2,123	1,969	2,359
Maldives	6,576	9,392	9,269	9,671	10,353	10,503	6,714	...
Nepal	620	868	873	1,048	1,119	1,197	1,144	1,249
Sri Lanka	2,839	4,099	4,151	4,401	4,361	4,083	3,894	4,031
Southeast Asia	3,375	3,989	4,084	4,351	4,611	4,829	...	...
Brunei Darussalam	35,437	31,723	27,322	28,238	30,667	29,313	26,468	30,791
Cambodia	796	1,213	1,308	1,429	1,561	1,698	1,600	1,667
Indonesia	3,177	3,414	3,605	3,886	3,946	4,193	3,918	4,390
Lao People's Democratic Republic	1,117	2,254	2,416	2,555	2,676	2,725	2,735	2,734
Malaysia	8,920	9,813	9,523	9,965	11,080	11,231	10,343	11,438
Myanmar	...	1,203	1,136	1,139	1,205	1,276	...	...
Philippines	2,237	3,068	3,108	3,153	3,280	3,512	3,318	3,614
Singapore	47,237	56,310	56,859	61,150	66,857	65,833	60,728	69,822
Thailand	5,174	5,939	6,057	6,625	7,333	7,849	7,189	7,279
Timor-Leste ^a	806	1,358	1,354	1,299	1,249	1,584	1,651	...
Viet Nam	1,332	2,119	2,201	2,373	2,571	2,715	2,779	3,716
The Pacific	2,730 (2011)	3,006	2,811	2,981	3,069	...	...	...
Cook Islands	10,160	16,422	16,055	17,725	19,477	17,663	15,832	17,576
Fiji	3,691	5,409	5,646	6,050	6,298	6,164	5,021	...
Kiribati	1,507	1,567	1,595	1,654	1,697	1,514	1,515	...
Marshall Islands	3,064	3,434	3,704	3,917	4,056	4,376	4,448	4,621
Micronesia, Federated States of	2,887	3,056	3,197	3,522	3,854	...	...	...
Nauru	5,275	8,468	9,280	9,951	10,515	9,969	9,991	11,417
Niue	13,021 (2011)	15,575	15,656	14,644	16,885	16,548	...	...
Palau	10,044	16,065	16,601	16,062	16,265	15,704	14,640	...
Papua New Guinea	2,020	2,723	2,447	2,600	2,673	2,661	2,572	2,773
Samoa	3,759	4,297	4,453	4,475	4,500	4,556	4,106	4,245
Solomon Islands	1,617	2,138	2,157	2,250	2,422	2,378	2,211	...
Tonga	3,612	3,945	4,162	4,585	4,795	5,107	4,959	...
Tuvalu	2,816	3,266	3,869	4,253	4,522	5,110	4,899	5,698
Vanuatu	2,798	2,784	2,866	3,157	3,208	3,211	...	...
Developed ADB Member Economies	45,973	37,628	41,211	41,522	42,367	42,716	42,236	...
Australia	54,245	51,946	50,942	54,808	55,117	53,338	53,057	60,433
Japan	44,968	34,924	39,401	38,891	39,816	40,576	40,053	39,237
New Zealand	33,677	39,425	40,058	42,925	43,250	42,865	41,597	...

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: The figures in the table are calculated as gross domestic product (GDP) in current United States (US) dollars divided by the midyear population. GDP figures in local currency units are obtained from the economies' official sources and converted to US dollars using the official exchange rates from the International Monetary Fund. The exchange rates used are expressed as the average rate for a period of time (average of period), calculated as annual averages based on the monthly averages (local currency units relative to the US dollar). For Myanmar, the 2010 figure for GDP in US dollars was converted from the domestic currency using the World Bank's alternative conversion factor to calculate the aggregate for Southeast Asia.

a From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Source: Asian Development Bank estimates based on data from the economies' official sources.

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Table 2.2.6: Agriculture, Industry, and Services Value-Added
(% of GDP)

ADB Regional Member	Agriculture Value-Added			Industry Value-Added			Services Value-Added		
	2010	2015	2021	2010	2015	2021	2010	2015	2021
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	28.8	22.7	28.1 (2020)	21.3	22.7	14.7 (2020)	49.8	54.7	57.2 (2020)
Armenia	18.8	18.9	12.5	36.3	28.2	29.3	45.0	52.9	58.2
Azerbaijan	5.9	6.8	6.4	64.1	49.3	52.9	30.0	43.9	40.7
Georgia	9.6	8.8	7.0*	19.1	21.5	25.0*	71.4	69.7	68.0*
Kazakhstan	4.7	5.0	5.4*	41.9	32.5	37.6*	53.4	62.5	56.9*
Kyrgyz Republic	18.8	15.4	16.3*	28.2	27.5	29.7*	53.1	57.1	53.9*
Pakistan	24.3	25.1	24.2	20.6	20.1	20.1	55.1	54.9	55.7
Tajikistan	21.8	23.7	26.8*	27.9	33.2	29.1*	50.3	43.1	44.1*
Turkmenistan	11.5	9.3	...	60.0	56.9	...	28.5	33.8	...
Uzbekistan	30.6	32.1	26.9*	24.1	24.8	34.5*	45.3	43.1	38.5*
East Asia									
China, People's Republic of	9.3	8.4	7.3*	46.5	40.8	39.4*	44.2	50.8	53.3*
Hong Kong, China	0.1	0.1	0.1 (2020)	7.0	7.3	6.4 (2020)	93.0	92.7	93.4 (2020)
Korea, Republic of	2.4	2.2	2.0	37.5	37.2	35.6	60.1	60.6	62.5
Mongolia	11.6	14.0	13.1	36.1	34.1	40.5	52.4	52.0	46.4
Taipei, China	1.6	1.8	1.5	33.4	36.3	38.0	65.0	62.0	60.6
South Asia									
Bangladesh	17.8	15.5	12.1	26.1	28.2	34.6	56.0	56.4	53.3
Bhutan	14.8	14.4	19.2 (2020)	43.8	42.5	34.4 (2020)	41.4	43.1	46.4 (2020)
India	18.4	17.7	18.6*	33.1	30.0	28.7*	48.5	52.3	52.7*
Maldives	6.1	6.3	8.8 (2020)	10.2	12.1	13.1 (2020)	83.8	81.7	78.1 (2020)
Nepal	35.4	29.4	25.8	15.1	14.6	13.1	49.5	56.0	61.1
Sri Lanka	10.1	8.9	9.3	30.9	32.1	31.8	59.0	58.9	58.9
Southeast Asia									
Brunei Darussalam	0.7	1.1	1.2	67.4	60.2	61.9	31.9	38.7	36.9
Cambodia	36.0	28.2	24.3	23.3	29.4	39.2	40.7	42.3	36.4
Indonesia	14.3	13.9	13.8	43.9	41.4	41.5	41.8	44.7	44.6
Lao People's Democratic Republic	30.6	19.7	18.1	29.8	31.0	38.6	39.6	49.4	43.3
Malaysia	10.2	8.4	9.7	40.9	38.9	38.2	48.9	52.7	52.1
Myanmar	36.9	26.8	21.4 (2019)	26.5	34.5	38.0 (2019)	36.7	38.8	40.7 (2019)
Philippines	13.7	11.0	10.1	32.3	30.5	28.9	53.9	58.5	61.0
Singapore	0.0	0.0	0.0	28.2	25.8	26.4	71.8	74.2	73.6
Thailand ^a	10.5	8.9	8.5*	37.1	33.4	32.1*	52.4	57.7	59.4*
Timor-Leste ^b	24.7	17.8	13.8 (2020)	8.8	18.4	36.7 (2020)	66.5	63.8	49.5 (2020)
Viet Nam	21.0	18.9	12.4	36.7	37.0	37.9	42.2	44.2	40.9
The Pacific									
Cook Islands	3.4	3.2	2.8*	7.9	11.3	8.1*	88.7	85.4	79.6*
Fiji	11.0	10.0	17.1* (2020)	20.9	19.3	19.8* (2020)	68.1	70.6	63.1* (2020)
Kiribati	24.3	22.2	25.2* (2020)	12.0	15.7	9.4* (2020)	63.7	62.1	65.4* (2020)
Marshall Islands	11.2	12.5	23.5	14.5	12.9	10.4	76.8	77.3	66.8
Micronesia, Federated States of	26.7	27.8	23.9* (2018)	7.8	6.5	5.2* (2018)	65.5	65.7	70.9* (2018)
Nauru	6.3	4.0	4.7*	32.7	6.1	7.5*	61.0	89.9	73.3*
Niue	23.0	21.0	19.1* (2018)	4.0	1.6	3.7* (2018)	73.0	77.5	77.2* (2018)
Palau	4.2	3.3	3.7* (2020)	11.0	8.9	15.0* (2020)	84.8	87.8	82.8* (2020)
Papua New Guinea	20.2	18.3	20.2	34.2	36.4	35.8	45.5	45.3	44.0
Samoa	9.5	9.2	10.2	16.2	16.2	12.8	74.4	74.6	76.9
Solomon Islands	34.6	33.3	34.1 (2020)	13.8	15.6	17.2 (2020)	51.6	51.2	48.6 (2020)
Tonga	18.7	19.7	21.1 (2020)	20.5	18.1	17.6 (2020)	60.9	62.3	61.2 (2020)
Tuvalu	27.3	21.4	9.1	5.7	12.7	16.0	67.0	65.9	74.8
Vanuatu	20.8	24.0	22.8 (2019)	13.7	10.6	10.2 (2019)	65.6	65.4	67.0 (2019)
Developed ADB Member Economies									
Australia	2.4	2.5	2.4	27.1	25.4	27.3	70.6	72.1	70.3
Japan	1.1	1.0	1.0 (2020)	28.3	28.8	29.2 (2020)	70.6	70.2	69.8 (2020)
New Zealand	7.1	4.9	6.2 (2019)	23.0	23.1	22.3 (2019)	69.9	72.0	71.6 (2019)

... = data not available; 0.0 = magnitude is less than half of the unit employed; * = provisional, preliminary, estimate; ADB = Asian Development Bank; GDP = gross domestic product.

a Value-added for construction is included under services.

b From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Source: Economies' official sources.

Table 2.2.7: Household and Government Consumption Expenditure
(% of GDP)

ADB Regional Member	Household Consumption			Government Consumption		
	2010	2015	2021	2010	2015	2021
Developing ADB Member Economies						
Central and West Asia^a	60.2	65.0	66.4 (2019)	11.1	11.7	11.3 (2019)
Afghanistan	97.4	82.9	91.8 (2020)	14.0	12.1	21.2 (2020)
Armenia ^b	82.0	77.9	71.8	13.1	13.1	15.8
Azerbaijan	38.9	56.3	60.5 (2020)	10.9	12.4	16.2 (2020)
Georgia	79.5	73.6	77.7*	15.3	14.3	14.0*
Kazakhstan ^b	45.4	53.7	51.6*	10.8	11.6	11.7*
Kyrgyz Republic ^b	84.6	90.5	75.2 (2020)	18.1	17.8	19.3 (2020)
Pakistan ^b	79.7	79.8	82.4	10.3	11.0	10.9
Tajikistan ^b	84.7	71.2	77.6 (2020)	11.3	11.6	11.6 (2020)
Turkmenistan ^b	5.0	9.3 (2013)	...	9.3	9.1 (2013)	...
Uzbekistan ^b	61.5	64.9	59.1*	12.5	13.6	16.7*
East Asia	38.3	40.0	39.8 (2020)	14.4	15.8	16.0
China, People's Republic of	34.3	37.8	38.4*	14.6	16.2	15.9*
Hong Kong, China ^b	61.4	66.4	65.0	8.9	9.6	12.5
Korea, Republic of	49.1	46.9	44.5	14.2	15.1	18.2
Mongolia ^b	55.2	61.9	51.0	12.7	14.9	14.2
Taipei, China ^b	53.2	51.5	48.5 (2020)	15.1	13.9	13.5
South Asia	56.5	60.5	62.0 (2020)	10.5	10.0	11.3 (2020)
Bangladesh	74.1	72.4	68.8	5.1	5.4	5.9
Bhutan ^b	45.3	55.3	62.0 (2020)	20.5	18.3	20.9 (2020)
India ^b	54.7	59.0	59.6*	11.0	10.4	11.1*
Maldives	...	41.1	50.8 (2020)	...	18.2	22.6 (2020)
Nepal ^b	78.6	85.8	88.0	10.0	9.0	8.9
Sri Lanka	68.5	67.4	70.3	8.5	9.0	9.6
Southeast Asia	52.3	54.1	54.8 (2019)	10.5	11.1	10.6 (2019)
Brunei Darussalam ^b	14.7	19.8	24.6	22.2	25.1	22.5
Cambodia ^b	81.3	76.8	65.2	6.3	5.4	7.6
Indonesia ^b	55.2	56.3	54.4	9.0	9.7	9.1
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia ^b	48.1	54.0	57.9	12.6	13.1	12.8
Myanmar ^c	67.3	74.0	70.4 (2019)	...	...	...
Philippines ^b	70.2	72.5	75.3	9.7	10.9	15.6
Singapore	36.3	37.2	31.0	9.7	10.2	11.5
Thailand	51.7	49.7	51.6*	16.0	16.9	18.3*
Timor-Leste ^d	68.7	55.2	48.3 (2020)	103.2	58.8	44.0 (2020)
Viet Nam	66.6	68.0	56.4	6.0	6.3	9.3
The Pacific	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...
Fiji ^e	72.3	57.2	63.7* (2020)	15.0	20.2	24.8* (2020)
Kiribati	87.9	84.2	83.3* (2020)	61.6	62.9	66.0* (2020)
Marshall Islands	75.2	75.9	67.4	56.1	55.4	57.6
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	67.8	64.5	64.5* (2019)	37.4	28.7	33.4* (2019)
Papua New Guinea ^b	48.0 (2005)	...	...	16.1 (2005)	...	...
Samoa	66.9	63.2	80.5	13.9	14.4	19.4
Solomon Islands	61.6	60.5	59.6 (2020)	31.5	29.6	25.1 (2020)
Tonga	89.1	94.3	92.6 (2020)	18.7	21.3	23.8 (2020)
Tuvalu	...	...	...	...	...	...
Vanuatu	62.6	66.9	54.0 (2019)	18.3	16.5	20.6 (2019)
Developed ADB Member Economies	55.8	55.0	52.5 (2020)	19.0	19.3	21.0 (2020)
Australia	56.0	56.9	51.7	18.1	18.3	21.4
Japan ^b	56.9	55.8	53.9	19.2	19.6	21.4
New Zealand	56.5	56.3	56.7 (2020)	19.7	18.5	20.6 (2020)
DEVELOPING ADB MEMBER ECONOMIES^a	44.2	45.4	46.5 (2019)	13.0	14.3	14.8 (2019)
ALL ADB REGIONAL MEMBERS^a	48.5	47.7	48.1 (2019)	15.2	15.5	15.9 (2019)
WORLD	57.1	56.7	55.3 (2020)	17.5	16.7	17.8 (2020)

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

Note: Figures in the table are calculated as a percentage of GDP at current prices.

a For estimating aggregates, GDP figures in domestic currencies were converted to United States dollars using official exchange rates, and imputation was done for economies with missing data by substituting available data from the nearest years.

b Data for household consumption includes nonprofit institutions serving households.

c Data refer to total final consumption expenditure.

d From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

e For years prior to 2005 (as featured in the Key Indicators Database), data for household consumption includes nonprofit institutions serving households.

Sources: Economies' official sources. For "World": World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 22 July 2022).

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Table 2.2.8: Gross Capital Formation and Changes in Inventories
(% of GDP)

ADB Regional Member	Gross Capital Formation			Changes in Inventories		
	2010	2015	2021	2010	2015	2021
Developing ADB Member Economies						
Central and West Asia^a	22.4	24.2	24.1 (2019)	...	...	...
Afghanistan ^{b,c}	17.5	19.0	11.9 (2020)	5.3	28.1	...
Armenia	32.9	20.7	20.6	-0.6	0.1	2.3
Azerbaijan	18.1	27.9	23.7 (2020)	-0.1	0.1	1.0 (2020)
Georgia	20.5	26.3	21.9*	1.6	1.9	1.5*
Kazakhstan	25.4	27.9	26.7*	1.0	5.0	3.3*
Kyrgyz Republic ^d	28.1	33.0	27.7 (2020)	-0.7	1.7	-1.3 (2020)
Pakistan	15.8	15.7	14.6	1.6	1.6	1.6
Tajikistan	23.8	44.7	33.5 (2020)	-0.6	6.0	5.9 (2020)
Turkmenistan	51.9	50.3 (2013)	...	...	...	...
Uzbekistan	27.2	26.3	40.6*	4.6	4.3	5.4*
East Asia	42.7	40.4	40.8	...	...	...
China, People's Republic of	46.6	43.2	42.8*	2.6	1.1	1.0*
Hong Kong, China	23.9	21.5	17.6	2.1	-0.9	0.2
Korea, Republic of	32.6	29.5	32.1	2.3	0.5	0.5
Mongolia	42.1	24.5	35.2	7.6	6.2	9.4
Taipei, China	25.1	21.7	26.9	1.4	0.3	0.8
South Asia	38.6	31.8	27.7 (2020)	...	...	...
Bangladesh ^{b,e}	26.2	28.9	30.8	...	...	...
Bhutan	63.2	55.5	33.8 (2020)	0.5	-0.3	- (2020)
India ^f	39.8	32.1	27.3* (2020)	4.4	1.9	0.9*
Maldives	...	33.6	45.5 (2020)	...	0.5	3.8 (2020)
Nepal ^g	38.3	32.1	31.9	16.1	3.8	3.6
Sri Lanka	30.4	31.2	27.7	5.9	5.1	1.4
Southeast Asia	28.1	27.7	27.7 (2019)	...	...	...
Brunei Darussalam	23.7	35.2	30.8	0.2	0.2	0.2
Cambodia	17.4	22.5	26.6	1.2	1.0	0.8
Indonesia	32.9	34.1	31.5	1.9	1.3	0.7
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia ^h	23.4	25.4	22.3	1.0	-0.4	3.0
Myanmar	23.2	34.8	30.6 (2019)	0.3	0.2	0.7 (2019)
Philippines	20.4	21.3	21.2	0.0	-0.9	-1.1
Singapore	27.7	25.4	24.4	2.1	-1.9	1.2
Thailand	25.6	22.1	29.4*	1.4	-2.1	5.6*
Timor-Leste ⁱ	42.7	36.8	16.1 (2020)	0.0	1.3	1.7 (2020)
Viet Nam	35.7	27.7	33.4	3.0	3.0	1.8
The Pacific	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...
Fiji	15.9	18.6	12.0* (2020)	2.9	2.4	-* (2020)
Kiribati	14.4	41.8	17.8* (2020)	0.3	-0.9	-0.0* (2020)
Marshall Islands	41.1	17.8	19.9	-2.2	-0.8	0.1
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	24.5	25.4	30.4* (2019)	0.7	-1.9	-* (2019)
Papua New Guinea	17.5 (2005)	...	...	1.0 (2005)	...	...
Samoa	39.1	34.9	34.4	1.1	0.4	1.5
Solomon Islands	17.9	16.0	18.8 (2020)	-1.4 (2012)	-0.0	-2.1 (2020)
Tonga	29.6	25.4	24.8 (2020)	0.5	2.0	1.3 (2020)
Tuvalu	...	...	...	...	...	...
Vanuatu	37.0	32.9	24.4 (2019)	1.6	0.8	0.5 (2019)
Developed ADB Member Economies	23.3	25.3	24.7 (2020)	...	...	...
Australia	26.8	26.3	22.7	-0.2	0.1	0.3
Japan	22.6	25.2	25.2	-0.0	0.2	-0.1
New Zealand	20.2	23.2	22.5 (2020)	0.4	0.3	-0.0 (2020)
DEVELOPING ADB MEMBER ECONOMIES^a	38.8	37.0	37.2 (2019)	...	...	...
ALL ADB REGIONAL MEMBERS^a	33.1	34.2	34.6 (2019)	...	...	...
WORLD	24.4	25.8	26.2 (2020)	...	...	...

... = data not available, -0.0 or 0.0 = magnitude is less than half of unit employed, - = magnitude equals zero, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

Note: Figures in the table are calculated as a percentage of GDP at current prices.

- a For estimating aggregates, GDP figures in domestic currencies were converted to United States dollars using official exchange rates, and imputation was done for economies with missing data by substituting available data from the nearest years.
b Refers to gross fixed capital formation.
c Changes in inventories include statistical discrepancy.
d Refers to gross fixed capital formation and acquisitions less disposals of valuables.
e Includes data on changes in inventories.
f Refers to gross capital formation, which refers to the sum of gross fixed capital formation, valuables, increases in stocks, and errors and omissions.
g Changes in inventories were derived residually; hence, statistical discrepancies or errors are included in this entry.
h Changes in inventories include valuables and statistical discrepancy.
i From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Sources: Economies' official sources. For "World": World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 22 July 2022).

Table 2.2.9: Exports and Imports of Goods and Services
(% of GDP)

ADB Regional Member	Exports of goods and services			Imports of goods and services		
	2010	2015	2021	2010	2015	2021
Developing ADB Member Economies						
Central and West Asia^a	32.0	22.7	24.1 (2019)	27.4	25.1	29.1 (2019)
Afghanistan	9.8	6.9	7.3 (2020)	43.9	49.0	34.7 (2020)
Armenia	20.8	29.7	35.0	45.3	42.0	43.2
Azerbaijan	54.3	37.8	35.6 (2020)	20.7	34.8	36.4 (2020)
Georgia	33.0	40.9	43.1*	49.9	57.9	58.6*
Kazakhstan	44.2	28.5	34.2*	29.9	24.5	24.5*
Kyrgyz Republic	51.6	35.2	31.3 (2020)	81.7	75.8	52.2 (2020)
Pakistan	13.5	10.6	9.1	19.4	17.1	18.0
Tajikistan	26.8	9.8	17.3 (2020)	59.0	40.1	38.4 (2020)
Turkmenistan	76.3	74.8 (2013)	...	44.5	44.1 (2013)	...
Uzbekistan	24.3	13.8	23.7*	25.0	17.0	40.1*
East Asia	38.4	29.7	27.0	34.7	25.7	23.8
China, People's Republic of	27.2	21.4	20.0*	23.5	18.1	17.4*
Hong Kong, China ^b	205.3	195.9	203.5	199.4	193.5	198.7
Korea, Republic of	47.1	43.0	42.0	44.3	36.1	38.5
Mongolia	46.7	44.2	58.4	56.7	45.5	58.9
Taipei, China	79.6	71.3	66.3	73.0	58.4	51.4
South Asia	21.8	19.7	17.6 (2020)	26.7	22.8	19.1 (2020)
Bangladesh	16.0	17.3	10.7	21.8	24.8	17.1
Bhutan	43.5	34.4	29.8 (2020)	72.4	63.5	46.5 (2020)
India	22.4	19.8	21.4*	26.9	22.1	23.9*
Maldives	...	78.4	49.5 (2020)	...	71.2	68.4 (2020)
Nepal	9.6	10.5	5.3	36.4	37.4	34.1
Sri Lanka	19.6	21.0	17.7	26.8	28.5	25.3
Southeast Asia	64.8	60.5	59.1 (2019)	58.1	55.2	54.6 (2019)
Brunei Darussalam	67.4	52.2	79.5	28.0	37.7	64.3
Cambodia	54.1	61.7	64.6	59.5	66.1	67.6
Indonesia	24.3	21.2	21.6	22.4	20.8	18.9
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia	86.9	69.4	68.9	71.0	61.9	61.8
Myanmar	19.6	17.4	30.4 (2019)	15.1	27.9	30.3 (2019)
Philippines	32.9	27.2	25.7	33.2	31.9	37.8
Singapore	198.0	178.4	184.8	171.7	151.1	153.5
Thailand	67.1	66.8	58.8*	61.3	56.5	59.0*
Timor-Leste ^c	8.6	3.0	36.4 (2020)	125.8	56.9	46.3 (2020)
Viet Nam	72.0	89.8	93.8	80.2	89.0	93.5
The Pacific	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...
Fiji	57.4	48.8	27.5* (2020)	63.8	52.4	44.2* (2020)
Kiribati	12.3	15.7	12.7* (2020)	79.0	107.9	83.0* (2020)
Marshall Islands	38.4	45.5	29.8	108.3	93.1	71.0
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	49.7	58.6	41.9* (2019)	77.0	76.0	78.8* (2019)
Papua New Guinea	74.5 (2005)	...	...	56.1 (2005)	...	...
Samoa	28.2	28.7	11.8	53.8	46.0	51.9
Solomon Islands	35.2	40.4	27.9 (2020)	61.0	47.8	32.3 (2020)
Tonga	12.5	17.0	19.0 (2020)	58.3	64.5	62.3 (2020)
Tuvalu	...	...	...	...	...	...
Vanuatu	48.7	46.0	50.3 (2019)	55.1	67.0	49.0 (2019)
Developed ADB Member Economies	16.1	18.3	17.7 (2020)	15.1	19.0	17.0 (2020)
Australia	19.8	20.1	22.2	20.7	21.6	17.8
Japan	14.9	17.4	18.4	13.6	18.0	19.0
New Zealand	30.3	27.9	21.9 (2020)	28.0	27.0	22.3 (2020)
DEVELOPING ADB MEMBER ECONOMIES^a	39.9	32.1	28.8 (2019)	36.9	29.1	27.7 (2019)
ALL ADB REGIONAL MEMBERS^a	31.1	28.9	26.7 (2019)	28.9	26.7	25.8 (2019)
WORLD	28.9	28.3	29.1	28.0	27.6	28.1

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

Note: Figures in the table are calculated as a percentage of GDP at current prices.

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

b The statistics for trade in goods and services were compiled based on the change of ownership principle in recording goods sent abroad for processing and merchandising under the standards stipulated in the System of National Accounts 2008.

c From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Sources: Economies' official sources. For "World": World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 22 July 2022).

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Table 2.2.10: Gross Domestic Saving
(% of GDP)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia^a	28.2	...	...	...	...	...	...	...
Afghanistan	-11.4	5.0	-3.2	5.1	-8.4	-19.9	-20.4	...
Armenia	4.9	9.0	10.2	7.7	8.7	4.0	9.7	12.4
Azerbaijan	49.8	30.9	28.5	31.1	35.4	31.4	...	...
Georgia	3.5	9.3	14.9	16.3	17.5	16.3	4.6	...
Kazakhstan	43.8	34.6	33.8	36.9	39.6	38.6	34.3	...
Kyrgyz Republic	-2.7	-8.3	-0.2	0.8	0.3	7.2	5.5	...
Pakistan	10.0	9.3	8.7	7.3	6.6	5.4	6.7	5.7
Tajikistan	4.0	17.2	8.5	8.2	12.4	12.6	10.8	...
Turkmenistan	85.6	81.6 (2013)	...	...	...	...	...	...
Uzbekistan	26.0	21.5	19.6	23.2	24.7	24.5	25.2	24.2*
East Asia^a	47.1	44.0	43.1	43.3	43.1	42.1	43.0	...
China, People's Republic of	51.1	46.0	45.0	45.1	44.9	44.0	44.7	...
Hong Kong, China	29.8	23.9	23.8	23.1	21.8	19.7	20.8	22.4
Korea, Republic of	35.4	36.4	36.8	37.0	35.9	34.3	35.6	35.7
Mongolia	32.1	23.2	23.3	29.8	29.4	29.6	23.7	33.1
Taipei, China	31.5	34.4	34.1	34.7	33.8	33.6	37.1	41.5
South Asia	...	...	...	...	...	...	...	...
Bangladesh	20.8	22.2	27.3	27.1	26.5	26.9	27.1	25.3
Bhutan	31.8	22.1	30.8	29.3	22.5	21.6	17.1	...
India	...	...	...	...	...	...	...	...
Maldives	...	...	...	...	...	...	...	...
Nepal	11.5	7.6	3.6	13.0	14.8	15.3	6.3	...
Sri Lanka	22.3	22.4	19.3	22.6	20.9	19.6	17.8	19.1
Southeast Asia	...	...	...	...	...	...	...	...
Brunei Darussalam	63.1	55.2	52.6	53.0	56.3	54.5	50.8	52.9
Cambodia	14.5	19.6	20.4	23.2	26.0	27.2	24.4	...
Indonesia	34.8	32.8	32.7	33.6	...	...	...	...
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	39.3	33.0	32.6	32.4	30.6	28.6	26.2	29.3
Myanmar	32.7	23.4	22.6	22.3	24.2	28.3	...	...
Philippines	...	...	...	...	...	...	...	...
Singapore	54.0	52.7	52.7	53.7	53.7	53.4	54.2	55.7
Thailand	31.1	32.8	34.7	35.4	34.1	33.2	29.0	28.9*
Timor-Leste ^b	-74.5	-17.0	-14.1	-16.6	-21.4	-0.3	-6.3	...
Viet Nam	27.4	25.7	24.9	25.5	26.0	25.4	25.0	34.3
The Pacific	...	...	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...	...	...
Fiji	12.7	22.7	19.7	19.9	19.2	18.6	...	...
Kiribati	-52.1	-49.2	-54.2	-56.0	-52.3	-63.9	-51.4*	...
Marshall Islands	-30.9	-30.7	-28.0	-29.5	-29.9	-30.9	-16.0	-24.4
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau ^c	-7.5	5.0	4.7	0.9	-1.8	-0.9	...	...
Papua New Guinea	35.9 (2005)	...	...	...	...	...	...	...
Samoa	10.7	19.3	18.5	18.9	19.6	17.1	5.1	-2.2
Solomon Islands	...	...	...	...	...	...	...	...
Tonga	-15.1	-22.3	-17.1	-16.4	-20.3	-15.8	-22.9	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	28.2	25.3 (2014)	...	...	...	...	...	...
Developed ADB Member Economies^a	24.5	25.1	25.7	26.1	25.7	25.9	26.1	...
Australia	21.8	22.6	20.7	21.8	21.7	22.5	24.1	25.8
Japan	25.1	25.9	27.0	27.3	26.9	26.8	26.8	26.4
New Zealand	22.5	24.1	23.9	24.6	23.9	24.0	21.7	...

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

Note: Figures in the table are calculated as a percentage of GDP at current prices.

a For estimating aggregates, GDP figures in domestic currencies were converted to United States dollars using official exchange rates.

b From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

c Estimated as the difference between GDP by industrial origin at producer's prices and final consumption expenditure.

Source: Economies' official sources.

Table 2.2.11: Growth Rates of Real Gross Domestic Product
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	3.2	-1.8	3.5	2.6	1.2	3.9	-2.4	...
Armenia	2.2	3.2	0.2	7.5	5.2	7.6	-7.2	5.7
Azerbaijan	5.0	1.1	-3.1	0.2	1.5	2.5	-4.2	5.6
Georgia	6.2	3.0	2.9	4.8	4.8	5.0	-6.8	10.4*
Kazakhstan	7.3	1.2	1.1	6.8	4.1	4.5	-2.5	4.1*
Kyrgyz Republic	-0.5	3.9	4.3	4.7	3.8	4.6	-8.4	3.6*
Pakistan	2.6	4.1	4.6	4.6	6.1	3.1	-0.9	5.7
Tajikistan	6.5	6.0	6.9	7.1	7.6	7.4	4.4	...
Turkmenistan	14.6	10.3 (2014)	...	...	...	...	...	5.0
Uzbekistan	7.1	7.2	5.9	4.4	5.4	5.7	1.9	7.4*
East Asia								
China, People's Republic of	10.6	7.0	6.8	6.9	6.7	6.0	2.2	8.1*
Hong Kong, China	6.8	2.4	2.2	3.8	2.8	-1.7	-6.5	6.3
Korea, Republic of	6.8	2.8	2.9	3.2	2.9	2.2	-0.7	4.1
Mongolia	17.3 (2011)	2.4	1.5	5.6	7.7	5.6	-4.6	1.4
Taipei, China	10.3	1.5	2.2	3.3	2.8	3.1	3.4	6.5
South Asia								
Bangladesh	5.6	6.6	7.1	6.6	7.3	7.9	3.5	6.9
Bhutan	11.9	6.6	8.1	4.7	3.1	5.8	-10.1	...
India	8.5	8.0	8.3	6.8	6.5*	3.7*	-6.6*	8.7*
Maldives	7.3	2.9	6.3	7.2	8.1	6.9	-33.5	37.0*
Nepal	4.8	4.0	0.4	9.0	7.6	6.7	-2.1	4.0
Sri Lanka	8.0	4.2	5.1	6.5	2.3	-0.2	-3.5	3.3
Southeast Asia								
Brunei Darussalam	3.7 (2011)	-0.4	-2.5	1.3	0.1	3.9	1.1	-1.9
Cambodia	6.0	7.0	7.0	7.0	7.5	6.8	-3.1	3.0
Indonesia	6.2	4.9	5.0	5.1	5.2	5.0	-2.1	3.7
Lao People's Democratic Republic	8.1	7.3	7.0	6.9	6.2	5.5	3.3	3.5
Malaysia	7.4	5.1	4.4	5.8	4.8	4.4	-5.6	3.1
Myanmar	9.6	7.0	5.9	5.8	6.4	6.8	3.2*	-18.4*
Philippines	7.3	6.3	7.1	6.9	6.3	6.1	-9.5	5.7
Singapore	14.5	3.0	3.6	4.7	3.7	1.1	-4.1	7.6
Thailand	7.5	3.1	3.4	4.2	4.2	2.2	-6.2	1.6*
Timor-Leste	9.3	2.8	3.4	-3.1	-0.7	2.1	-8.6	...
Viet Nam	6.4	6.7	6.2	6.8	7.1	7.0	2.9	2.6
The Pacific								
Cook Islands	-4.9	5.7	4.9	9.5	5.7	4.8	-25.4*	-21.3*
Fiji	3.0	4.5	2.4	5.4	3.8	-0.6	-17.2	...
Kiribati	-1.1	9.9	-0.5	-0.2	5.3	-0.5	-0.5*	...
Marshall Islands	7.6	1.6	1.3	4.1	3.6	5.3	-2.2	0.8
Micronesia, Federated States of	2.3	4.6	0.9	2.7	0.2	...	...	...
Nauru	13.6	2.8	3.0	-5.5	5.7	1.0	0.7*	1.5*
Niue	0.6	4.0	3.5	2.4	6.5*	...	...	...
Palau	0.1	5.0	-0.4	-2.0	5.8	-1.9*	-9.7*	...
Papua New Guinea	10.1	6.6	5.5	3.5	-0.3	4.5	-3.5	1.5
Samoa	3.1	6.1	4.5	-0.5	2.9	2.8	-10.1	-2.3
Solomon Islands	9.7	1.7	5.6	3.1	2.7	1.7	-3.4	...
Tonga	0.8	1.2	6.6	3.3	0.3	0.7	0.7	...
Tuvalu	-3.3	9.2	...	3.3	1.4	13.8	-4.3	1.8
Vanuatu	1.3	0.4	4.7	6.3	2.9	3.2	...	...
Developed ADB Member Economies								
Australia	2.2	2.2	2.7	2.3	2.9	2.1	-0.0	1.5
Japan	4.1	1.6	0.8	1.7	0.6	-0.2	-4.5	1.6
New Zealand	1.5	3.7	3.8	3.6	3.4	2.2	-1.4	...

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank.

Source: Economies' official sources.

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Table 2.2.12: Growth Rates of Real Gross Domestic Product per Capita

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	1.2	-3.8	1.5	0.6	-5.0	1.7	-4.5	...
Armenia	2.9	3.5	0.6	8.0	5.7	7.9	-7.0	5.6
Azerbaijan	3.8	-0.1	-4.2	-0.8	0.6	1.6	-4.9	5.2
Georgia	7.0	2.9	2.8	4.8	4.9	5.2	-6.8	10.8
Kazakhstan	5.5	-0.3	-0.4	5.4	2.7	3.2	-3.8	2.7
Kyrgyz Republic	-1.8	1.8	2.2	2.7	1.8	2.4	-10.3	1.8
Pakistan	0.5	2.1	2.4	2.2	4.0	1.1	-2.9	3.7
Tajikistan	3.9	3.5	4.5	4.8	5.3	5.1	2.3	...
Turkmenistan	12.8	8.3 (2014)	...	...	...	...	...	3.5
Uzbekistan	4.1	5.4	4.1	2.7	3.5	3.7	-0.1	5.3
East Asia								
China, People's Republic of	10.1	6.5	6.1	6.3	6.3	5.6	2.1	8.1
Hong Kong, China	6.0	1.5	1.6	3.0	2.0	-2.4	-6.1	7.3
Korea, Republic of	6.3	2.3	2.5	2.9	2.5	1.8	-0.8	4.3
Mongolia	15.2 (2011)	0.3	-0.5	3.7	5.7	3.7	-6.2	-0.2
Taipei, China	10.0	1.3	1.9	3.1	2.7	3.0	3.4	6.9
South Asia								
Bangladesh	4.2	5.1	5.7	5.1	5.9	6.4	2.1	5.5
Bhutan	9.9	5.0	6.5	3.3	2.0	4.7	-10.9	...
India	7.0	6.7	7.0	5.6	5.3	2.6	-7.6	7.6
Maldives	4.9	-0.9	2.3	3.0	3.8	2.5	-36.3	34.3
Nepal	3.4	3.0	-0.5	7.9	6.6	5.6	-3.0	3.1
Sri Lanka	7.0	3.2	3.9	5.3	1.2	-0.8	-4.0	2.2
Southeast Asia								
Brunei Darussalam	2.0 (2011)	-1.6	-3.6	-1.6	-2.9	0.0	2.4	3.5
Cambodia	4.6	5.6	5.5	5.5	6.0	5.4	-4.4	1.5
Indonesia	4.8	3.5	3.9	3.9	4.1	3.9	-3.3	2.7
Lao People's Democratic Republic	6.6	5.7	5.5	5.4	4.7	4.0	1.8	2.0
Malaysia	5.5	3.5	3.0	4.5	3.7	4.0	-5.8	2.9
Myanmar	8.9	6.1	4.9	4.8	5.5	5.8	2.3	-19.1
Philippines	6.3	4.6 (2014)	5.4	5.2	4.7	4.6	-10.9	4.6
Singapore	12.5	1.8	2.2	4.6	3.1	-0.1	-3.9	12.2
Thailand	6.9	2.5	3.0	3.2	3.9	1.8	-6.5	1.3
Timor-Leste	7.4	0.9	1.4	-4.9	-2.6	0.1	-10.3	...
Viet Nam	5.1	5.5	5.0	5.6	5.8	5.8	1.7	1.6
The Pacific								
Cook Islands	-6.0	5.7	4.0	9.3	6.6	3.1	-23.6	-21.5
Fiji	2.3	4.1	2.0	4.8	3.2	-1.2	-17.6	...
Kiribati	-3.2	8.4	-2.1	-1.8	3.6	-2.1	-2.1	...
Marshall Islands	6.3	1.2	0.9	3.7	3.2	4.9	-2.6	...
Micronesia, Federated States of	2.8	4.4	0.7	2.5	0.0	...	...	...
Nauru	11.4	1.1	1.3	-7.0	4.0	-0.6	-0.9	-0.1
Niue	...	2.4	1.7	...	6.5	...	...	...
Palau	2.0	3.2	-1.6	-2.1	8.0	-1.4	-10.5	...
Papua New Guinea	6.8	3.4	2.3	0.4	-3.3	1.3	-6.4	-1.6
Samoa	2.3	5.2	3.6	-1.3	2.1	2.0	-10.8	-3.1
Solomon Islands	4.8 (2011)	-0.6	3.3	0.9	0.6	-0.3	-5.3	...
Tonga	0.6	1.7	7.1	3.9	0.8	1.3	1.2	...
Tuvalu	-3.8	9.5	...	3.5	1.6	14.1	-4.0	2.1
Vanuatu	-1.2	-1.9	3.2	3.9	0.6	0.9	...	...
Developed ADB Member Economies								
Australia	0.6	0.7	1.2	0.6	1.3	0.6	-1.3	1.3
Japan	4.1	1.7	0.9	1.8	0.8	-0.0	-4.2	1.7
New Zealand	0.4	1.6	1.4	1.4	1.5	0.6	-3.5	...

... = data not available, ADB = Asian Development Bank.

Source: Asian Development Bank estimates based on data from the economies' official sources.

Table 2.2.13: Growth Rates of Agriculture Real Value-Added
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	-18.0	-16.9	12.4	6.4	-4.4	17.5	5.9	...
Armenia	-16.0	13.2	-5.0	-5.1	-6.9	-5.8	-3.7	-0.6
Azerbaijan	-4.7	6.6	2.6	4.2	4.6	7.3	1.9	3.4
Georgia	-4.2	-0.1	-2.8	-7.7	13.8	0.7	8.1	-1.4
Kazakhstan	-12.9	3.5	5.4	6.9	3.8	-0.1	5.9	-2.4*
Kyrgyz Republic	-2.6	6.2	2.9	2.2	2.6	2.5	0.9	-5.0*
Pakistan	0.2	2.1	0.2	2.2	3.9	0.9	3.9	3.5
Tajikistan	6.8	3.4	5.2	7.6	7.0	7.0	7.9	...
Turkmenistan	23.6	1.7 (2014)	...	...	...	...	...	...
Uzbekistan	6.1	6.1	6.2	1.2	0.3	3.1	2.9	4.0*
East Asia								
China, People's Republic of	4.3	3.9	3.3	4.0	3.5	3.1	3.1	7.1*
Hong Kong, China ^a	3.9	-6.8	-2.0	-5.2	-1.8	-0.8	3.8	-2.8
Korea, Republic of	-3.6	-0.2	-5.6	2.3	0.2	3.9	-5.8	3.8
Mongolia	-0.3 (2011)	10.7	5.4	-0.3	6.5	5.2	5.8	-5.5
Taipei, China	2.1	-7.7	-9.7	8.3	4.5	-0.9	-1.6	-4.2
South Asia								
Bangladesh	6.2	3.3	2.8	3.2	3.5	3.3	3.4	3.2
Bhutan	0.8	4.7	4.2	2.9	4.2	1.3	4.6	...
India	8.8	0.6	6.8	6.6	2.1*	5.5*	3.3*	3.0*
Maldives	-3.5	-0.4	1.5	8.3	4.8	-7.6	7.0	14.8*
Nepal	2.0	1.2	-0.1	5.2	2.6	5.2	2.2	2.6
Sri Lanka	7.0	5.4	-4.7	-1.8	6.3	0.5	-1.4	2.5
Southeast Asia								
Brunei Darussalam	-2.6 (2011)	6.4	-3.6	-1.6	-1.6	-1.4	14.4	16.9
Cambodia	4.0	0.2	1.3	1.7	1.2	-0.7	0.6	1.1
Indonesia	3.0	3.8	3.4	3.9	3.9	3.6	1.8	1.8
Lao People's Democratic Republic	3.2	3.6	2.8	2.9	1.3	1.2	1.2	2.5
Malaysia	2.4	1.4	-3.7	5.9	0.1	2.0	-2.2	-0.2
Myanmar	4.7	3.4	-0.5	-1.5	0.1	1.6	1.7*	0.8*
Philippines	1.3	0.7	-1.0	4.2	1.1	1.2	-0.2	-0.3
Singapore ^a	2.8	-0.4	-0.4	2.9	3.3	6.6	-4.2	10.8
Thailand	-0.5	-6.5	-1.2	4.8	6.1	-0.9	-3.5	1.4*
Timor-Leste	4.4	-4.4	-1.3	-3.0	2.9	2.5	5.1	...
Viet Nam	0.5	2.4	1.4	2.9	3.8	2.0	2.7	2.9
The Pacific								
Cook Islands	0.4	-2.2	-3.1	3.2	-2.5	-3.0	-5.7*	-8.7*
Fiji	-2.6	2.9	-10.9	10.8	3.7	4.5	3.3	...
Kiribati	-3.9	-4.8	11.1	13.1	-2.6	2.5	-1.0*	...
Marshall Islands	11.1	6.1	-1.6	1.8	4.2	32.9	0.6	14.3
Micronesia, Federated States of	-3.1	9.5	-4.8	-0.9	0.1	...	...	...
Nauru	3.7	5.2	10.6	43.4	-8.7	24.9	0.7*	1.5*
Niue	-0.4	2.0	1.2	3.5	1.7*	...	...	...
Palau	-5.0	-3.7	7.7	8.4	-5.2	-5.5*	-13.1*	...
Papua New Guinea	2.8	-2.6	2.7	2.4	4.6	2.3	0.1	3.9
Samoa	-9.0	1.9	7.2	7.1	-12.4	2.3	-5.8	-0.1
Solomon Islands	13.0	3.2	3.4	3.6	0.4	0.1	-3.8	...
Tonga	4.7	-1.7	-1.3	-2.5	0.4	3.6	0.8	...
Tuvalu	12.8	-1.8	...	0.0	1.2	-5.9	-4.8	3.2
Vanuatu	4.6	-5.7	5.9	0.2	0.9	6.2	...	...
Developed ADB Member Economies								
Australia	-0.7	1.5	-7.1	9.4	-2.8	-10.5	-10.1	21.5
Japan	-5.2	-4.2	-8.1	0.7	-6.7	4.0	-6.2	...
New Zealand	-7.9	2.2	0.5	-3.8	7.0	-2.6	3.3	...

... = data not available; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a Refers to other goods industries comprising agriculture, forestry, and fishing; and mining and quarrying.

Source: Economies' official sources.

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Table 2.2.14: Growth Rates of Industry Real Value-Added

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	6.3	4.5	-1.8	9.2	11.1	4.8	-4.6	...
Armenia	5.7	2.8	-0.3	9.0	3.7	10.5	-2.5	3.4
Azerbaijan	3.7	-1.9	-5.7	-3.1	-0.7	1.0	-5.0	3.0
Georgia ^a	8.2	2.6	6.7	4.4	-0.5	2.7	-6.8	2.6
Kazakhstan	9.5	-0.4	1.1	7.7	4.4	5.5	1.5	4.5*
Kyrgyz Republic	2.5	2.9	7.1	8.6	5.9	8.0	-9.9	3.1*
Pakistan	3.4	5.2	5.7	4.6	9.2	0.3	-5.8	7.8
Tajikistan	2.8	16.3	22.2	7.3	17.0	10.3	17.3	...
Turkmenistan	11.2	11.6 (2014)	...	...	...	...	...	...
Uzbekistan	5.5	8.3	5.9	5.4	11.5	8.3	2.5	8.4*
East Asia								
China, People's Republic of	12.7	5.9	6.0	5.9	5.8	4.9	2.5	8.2*
Hong Kong, China ^{a,b}	7.7	2.4	3.0	-0.7	2.5	-6.4	-11.7	2.1
Korea, Republic of ^a	...	...	...	...	...	...	...	...
Mongolia	8.8 (2011)	9.9	-2.4	1.4	8.5	3.1	-4.4	-2.8
Taipei, China ^a	21.5	0.9	3.7	4.8	2.6	1.4	7.0	12.8
South Asia								
Bangladesh	7.0	9.7	11.1	8.3	10.2	11.6	3.6	10.3
Bhutan	12.5	8.2	6.9	2.5	-5.0	2.0	-13.1	...
India	7.9	9.6	7.7	5.9	5.3*	-1.4*	-3.3*	10.3*
Maldives	7.3	18.1	8.9	13.0	15.5	1.9	-25.4	6.6*
Nepal	4.0	2.0	-4.1	17.1	10.4	7.4	-3.7	5.0
Sri Lanka	8.4	1.1	7.4	13.0	-1.1	-4.1	-5.3	5.6
Southeast Asia								
Brunei Darussalam	3.2 (2011)	-0.0	-2.9	1.5	-0.4	4.2	2.9	-4.2
Cambodia	13.6	11.7	10.9	9.8	11.6	10.7	-1.4	8.6
Indonesia	4.9	3.0	3.8	4.1	4.3	3.8	-2.8	3.4
Lao People's Democratic Republic	17.5	7.0	12.0	11.6	7.8	5.6	9.2	6.1
Malaysia	8.4	5.2	4.3	4.7	3.3	2.6	-6.2	5.7
Myanmar	18.6	8.3	8.9	8.7	8.3	8.4	3.8*	-20.9*
Philippines	9.8	6.5	8.2	7.0	7.3	5.5	-13.1	8.5
Singapore ^{a,b}	23.9	-2.7	2.8	6.9	5.5	-1.0	-0.6	13.4
Thailand ^{a,c}	10.6	1.9	2.3	2.2	3.0	-0.1	-5.9	3.4*
Timor-Leste	7.9	22.2	7.6	-26.5	5.3	4.8	-28.5	...
Viet Nam	-9.9	9.6	7.6	8.0	8.9	8.9	4.0	4.1
The Pacific								
Cook Islands	-8.9	25.4	-13.5	19.1	7.0	10.5	-33.1*	-9.5*
Fiji	6.5	6.9	7.2	4.2	5.5	-0.9	-10.3	...
Kiribati	9.5	23.3	-2.3	-15.2	-13.9	-9.9	-1.6*	...
Marshall Islands	20.1	-12.9	-5.6	2.7	13.0	6.6	-4.7	-8.4
Micronesia, Federated States of	18.0	-6.1	5.1	4.0	-7.3	...	...	...
Nauru	39.4	-17.1	77.3	-26.8	-37.9	-21.0	-4.4*	1.5*
Niue	14.4	0.9	2.3	-4.7	90.4*	...	...	...
Palau	5.2	40.2	0.2	-5.8	2.3	0.1*	0.2*	...
Papua New Guinea	12.0	26.4	12.0	4.7	-7.5	7.5	-6.5	-2.7
Samoa	7.2	8.6	-2.6	-8.6	-4.8	10.8	-15.3	-3.2
Solomon Islands	13.2	-4.0	5.0	9.5	1.3	3.5	-3.8	...
Tonga	4.1	-0.6	12.7	9.7	-14.4	4.6	-2.9	...
Tuvalu	-41.6	36.7	...	9.5	-5.2	62.0	-26.6	2.7
Vanuatu	12.2	38.5	9.4	10.1	4.9	-8.3	...	...
Developed ADB Member Economies								
Australia ^a	...	...	...	...	...	...	...	...
Japan ^a	...	...	...	...	...	...	...	...
New Zealand ^a	...	...	...	...	...	...	...	...

... = data not available; -0.0 or 0.0 = magnitude is less than half of unit employed; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a National accounts are compiled using chain volume measures.

b Industry data refer to manufacturing, construction, and utilities comprising electricity, gas, steam, and air-conditioning supply; water supply; and sewerage, waste management, and remediation activities.

c Industry data refer to mining and quarrying; manufacturing; electricity, gas, steam, and air-conditioning supply; water supply; and sewerage, waste management, and remediation activities.

Source: Economies' official sources.

Table 2.2.15: Growth Rates of Services Real Value-Added

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	18.1	1.4	2.3	-0.7	1.9	-1.4	-5.9	...
Armenia	4.7	1.0	3.4	10.4	9.2	9.8	-8.7	6.9
Azerbaijan	8.8	4.4	-0.8	3.2	3.8	3.8	-4.4	7.9
Georgia ^a	8.2	3.8	2.8	6.4	5.8	6.1	-7.4	16.2
Kazakhstan	6.0	3.1	0.9	6.4	3.9	4.4	-5.3	4.0*
Kyrgyz Republic	-1.3	3.5	3.2	3.3	2.9	3.3	-8.9	6.2*
Pakistan	3.2	4.4	5.7	5.6	6.0	5.0	-1.2	6.0
Tajikistan	7.3	1.9	-1.5	6.2	4.5	7.3	-1.8	...
Turkmenistan	19.4	-13.2 (2014)	...	...	...	...	...	...
Uzbekistan	9.6	7.6	5.9	6.0	5.2	6.0	0.7	9.2*
East Asia								
China, People's Republic of	9.7	8.8	8.1	8.3	8.0	7.2	1.9	8.2*
Hong Kong, China ^{a,b}	6.9	1.7	2.3	3.5	3.1	-0.7	-6.7	5.8
Korea, Republic of ^a	5.1	3.1	2.9	2.6	3.8	3.4	-0.8	3.8
Mongolia	17.8 (2011)	0.6	2.7	7.1	5.1	6.4	-6.5	3.9
Taipei, China ^a	6.4	1.2	1.3	2.9	3.0	3.6	1.2	3.0
South Asia								
Bangladesh	5.5	5.8	6.3	6.4	6.6	6.9	3.9	5.7
Bhutan	15.2	5.6	10.3	7.1	10.3	9.8	-10.7	...
India	7.8	9.4	8.5	6.3	7.2*	6.3*	-7.8*	8.4*
Maldives	7.3	2.4	6.7	6.2	7.3	8.6	-34.3	39.0*
Nepal	5.8	5.4	1.2	8.4	9.3	6.8	-4.0	4.4
Sri Lanka	8.0	5.3	4.7	3.6	4.3	2.9	-1.9	3.3
Southeast Asia								
Brunei Darussalam	4.9 (2011)	-1.1	-1.7	1.1	0.8	3.4	-2.1	1.8
Cambodia	3.3	7.1	6.8	7.0	6.7	6.2	-6.3	-1.9
Indonesia	8.4	5.5	5.7	5.7	5.8	6.4	-1.5	3.6
Lao People's Democratic Republic	7.6	8.0	4.7	4.5	6.8	6.9	-1.2	1.4
Malaysia	7.4	5.3	5.7	6.5	7.0	6.2	-5.7	1.9
Myanmar	9.5	8.7	8.1	8.1	8.7	8.3	3.4*	-26.3*
Philippines	7.6	7.4	8.2	7.4	6.7	7.2	-9.1	5.4
Singapore ^{a,c}	10.9	4.2	3.0	3.8	3.4	1.9	-5.0	5.3
Thailand ^{a,d}	7.0	5.9	5.0	5.4	5.0	4.2	-6.9	0.8*
Timor-Leste	10.2	4.6	5.7	2.7	-2.1	1.2	-7.1	...
Viet Nam	-7.7	6.3	7.0	7.4	7.0	7.3	2.3	1.2
The Pacific								
Cook Islands	-5.8	2.4	12.3	6.6	5.1	6.4	-21.8*	-18.5*
Fiji	2.9	3.0	0.1	3.6	1.7	0.0	-17.1	...
Kiribati	-0.4	8.3	5.7	4.8	2.0	3.4	2.0*	...
Marshall Islands	3.2	3.7	2.2	5.0	2.6	1.6	-2.2	-0.1
Micronesia, Federated States of	2.4	3.0	2.8	2.9	0.9	...	...	...
Nauru	4.2	11.6	-7.0	3.1	13.4	-3.3	0.2*	1.5*
Niue	0.4	4.6	4.2	2.4	4.7*	...	...	...
Palau	-0.3	8.9	-0.7	-2.8	9.3	-0.0*	-0.1*	...
Papua New Guinea	12.4	-2.3	2.3	1.4	5.1	2.5	-0.6	3.0
Samoa	2.9	7.3	4.7	1.4	5.4	1.4	-6.4	-4.1
Solomon Islands	5.1	2.5	7.3	1.2	4.8	2.0	-3.0	...
Tonga	0.7	1.4	5.5	1.8	3.3	0.8	0.9	...
Tuvalu	2.3	7.1	...	2.1	3.7	5.4	1.7	1.7
Vanuatu	2.7	-2.5	4.5	4.6	0.8	6.1	...	...
Developed ADB Member Economies								
Australia ^a	...	...	...	...	...	...	...	...
Japan ^a	...	...	...	...	...	...	...	...
New Zealand ^a	...	...	...	...	...	...	...	...

... = data not available; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a National accounts are compiled using chain volume measures.

b Services data refer to import, export, wholesale, and retail trades; accommodation and food services; transportation, storage, postal, and courier services; information and communications; financing and insurance; real estate, professional, and business services; public administration, social services, and personal services; and ownership of premises.

c Services data refer to services-producing industries, including ownership of dwellings.

d Services data include construction.

Source: Economies' official sources.

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Table 2.2.16: Growth Rates of Real Household Final Consumption
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	-6.2	26.2	11.3	0.0	...
Armenia ^a	3.9	-7.5	-2.1	14.0	4.8	11.5	-14.0	3.4
Azerbaijan ^a	10.8	10.3	1.7	0.8	4.6	5.9	-8.7	...
Georgia ^a	9.0 (2011)	3.8	-5.7	7.4	5.8	7.2	8.8	9.6*
Kazakhstan ^a	11.5	1.8	1.2	1.5	6.1	6.1	-3.7	5.0*
Kyrgyz Republic ^a	2.7	-0.9	-0.6	6.3	5.0	0.8	-8.3	...
Pakistan ^a	2.2	2.9	7.6	6.9	7.2	5.6	-2.9	9.4
Tajikistan ^a	10.5	-15.1	13.2	4.6	4.0	5.0	3.1	...
Turkmenistan ^a	-61.4	...	...	...	...	...	...	...
Uzbekistan ^a	10.3	11.8	8.3	4.2	7.0	5.3	-0.0	11.5*
East Asia								
China, People's Republic of	...	...	...	...	...	...	...	...
Hong Kong, China ^a	6.1	4.8	2.0	5.5	5.3	-0.8	-10.5	5.4
Korea, Republic of	4.6	2.2	2.3	2.8	3.1	2.1	-4.7	3.7
Mongolia ^a	15.8 (2011)	8.1	1.7	4.2	11.7	5.9	2.3	-6.6
Taipei, China	3.7	3.1	2.7	2.7	1.7	2.5	-2.5	...
South Asia								
Bangladesh	4.6	5.8	3.0	6.3	9.4	4.9	3.0	8.0
Bhutan ^a	5.7	10.0	-1.8	5.9	13.4	7.5	-8.0	...
India ^a	6.7	7.9	8.1	6.2	7.1*	5.2*	-6.0*	7.9*
Maldives	...	22.1	12.9	13.1	10.6	4.4	-27.2	...
Nepal ^a	6.2	2.6	4.2	0.8	6.2	8.1	3.6	...
Sri Lanka	9.9 (2011)	7.5	7.4	3.6	4.0	3.0	-3.0	4.4
Southeast Asia								
Brunei Darussalam ^a	5.4 (2011)	5.2	-1.3	4.7	2.2	6.1	5.2	9.4
Cambodia ^a	8.8	6.0	6.8	4.6	4.6	5.6	-1.9	-3.6
Indonesia ^a	4.7	5.0	5.0	4.9	5.1	5.0	-2.6	2.0
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia ^a	6.9	6.0	5.9	6.9	8.0	7.7	-4.3	1.9
Myanmar ^b	2.6	4.7	2.2	4.1	4.5	1.5	...	...
Philippines ^a	3.6	6.4	7.1	6.0	5.8	5.9	-8.0	4.2
Singapore	4.4	5.2	3.2	3.2	4.0	3.2	-12.9	4.5
Thailand ^a	5.5	2.6	2.9	3.1	4.6	4.0	-1.0	0.3*
Timor-Leste	5.2	1.7	3.0	6.5	2.0	3.7	-2.4	...
Viet Nam	8.2	9.3	7.3	7.3	7.3	7.4	0.5	2.0
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	-2.0	11.5	5.2	4.2	-7.0	10.3	0.4*	...
Marshall Islands	-0.4	-1.2	3.1	10.5	-0.8	8.2	-19.4	15.4
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	-3.1	4.2	6.0	-0.5	5.2	-2.9*	...	...
Papua New Guinea ^a	9.8 (2005)	...	...	...	...	...	...	...
Samoa	1.6	3.2	7.7	0.6	-3.7	5.6	6.9	5.3
Solomon Islands	8.7	2.5	3.5	0.0	7.7	2.3	-14.6	...
Tonga	2.3	8.2	6.5	1.0	4.2	0.5	-4.8	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	2.7	1.0	8.9	-1.9	3.4	0.4	...	...
Developed ADB Member Economies								
Australia	3.4	2.5	2.6	2.4	2.7	1.5	-3.1	1.0
Japan	2.3	-0.3	-0.6	1.0	0.4	-0.7	-5.9	1.1
New Zealand	2.5	4.3	6.5	4.9	4.7	2.5	0.5	...

... = data not available; 0.0 = magnitude is less than half of unit employed; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a Includes expenditure of nonprofit institutions serving households.

b Data refers to total final consumption expenditure.

Source: Economies' official sources.

Table 2.2.17: Growth Rates of Real Government Consumption Expenditure
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	-6.4	-5.6	28.4	-13.0	...
Armenia	3.9	4.7	-2.4	-2.1	-3.0	12.9	9.2	8.4
Azerbaijan	3.4	1.4	6.8	1.1	-3.9	2.2	3.4	...
Georgia	-3.3 (2011)	4.4	10.9	1.1	1.6	5.7	7.1	7.9*
Kazakhstan	2.7	2.4	2.3	2.1	-14.1	15.5	12.8	-1.1*
Kyrgyz Republic	-1.1	0.9	1.5	1.3	1.3	0.5	0.9	...
Pakistan	-0.6	8.1	8.2	4.5	5.5	-1.6	8.5	1.8
Tajikistan	0.9	3.3	1.7	10.9	4.5	0.7	2.3	...
Turkmenistan	3.7	...	...	...	...	...	...	...
Uzbekistan	7.0	6.7	2.7	1.5	4.8	5.7	1.4	3.4*
East Asia								
China, People's Republic of	...	...	...	...	...	...	...	...
Hong Kong, China	3.4	3.4	3.4	2.8	4.2	5.1	7.9	4.6
Korea, Republic of	5.6	3.8	4.4	3.9	5.3	6.4	5.1	5.6
Mongolia	15.3 (2011)	-4.7	13.3	-2.4	1.1	12.3	14.6	5.7
Taipei, China	1.2	-0.1	3.7	-0.4	4.0	0.6	2.6	3.8
South Asia								
Bangladesh	6.8	8.8	8.4	7.2	5.3	13.4	2.0	6.9
Bhutan	7.5	10.8	4.2	4.4	3.1	10.8	4.1	...
India	5.2	7.5	6.1	11.9	6.7*	3.4*	3.6*	2.6*
Maldives	...	3.7	3.3	-10.2	8.9	-4.3	5.4	...
Nepal	1.3	11.5	-12.0	21.4	2.1	9.8	3.8	...
Sri Lanka	-2.1 (2011)	10.2	2.3	-6.0	-5.1	13.0	4.4	2.2
Southeast Asia								
Brunei Darussalam	5.3 (2011)	-3.6	-6.5	7.4	1.6	1.8	-9.6	-1.0
Cambodia	12.5	4.4	5.7	6.5	6.5	5.8	15.2	78.7
Indonesia	0.3	5.3	-0.1	2.1	4.8	3.3	2.0	4.2
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	3.4	4.5	1.1	5.7	3.4	1.8	3.9	6.6
Myanmar ^a	...	...	...	...	...	...	...	...
Philippines	4.2	7.9	9.4	6.5	13.4	9.1	10.5	7.1
Singapore	10.2	8.9	3.7	3.4	3.0	3.4	13.3	4.5
Thailand	8.9	2.5	2.2	0.3	2.7	1.6	1.4	3.2*
Timor-Leste	2.1	3.6	-1.2	-5.8	-0.3	3.2	4.9	...
Viet Nam	12.3	7.0	7.5	7.4	6.3	5.8	6.2	2.9
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	-6.6	0.7	14.1	-0.2	13.5	-0.9	-13.2*	...
Marshall Islands	-0.7	4.8	9.9	0.4	5.6	6.3	-12.3*	12.3
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	-1.5	1.3	4.1	-0.9	4.4	0.3*	...	...
Papua New Guinea	1.1 (2005)	...	...	...	...	...	...	...
Samoa	17.9	-4.6	-14.6	8.3	20.9	5.5	0.5	1.8
Solomon Islands	10.0	4.9	4.2	-5.5	14.4	6.1	-13.3	...
Tonga	-8.3	3.1	-1.4	2.4	1.1	9.7	16.8	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	5.0	16.9	-1.4	19.5	4.5	2.6	...	...
Developed ADB Member Economies								
Australia	1.6	2.3	4.9	4.9	3.5	5.1	7.2	5.9
Japan	1.9	1.9	1.6	0.1	1.0	1.9	2.3	2.1
New Zealand	1.9	2.2	1.9	3.7	3.5	5.8	7.5	...

... = data not available; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a For 2000–2019, real government consumption expenditure data are included in real household consumption expenditure.

Source: Economies' official sources.

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Table 2.2.18: Growth Rates of Real Gross Capital Formation

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan ^a	...	...	...	8.2	14.7	-17.3	33.4	...
Armenia	0.5	-3.2	-8.7	10.3	34.5	-14.3	-0.5	7.9
Azerbaijan	2.0	-8.2	-19.0	1.2	-4.3	1.1	-7.3	...
Georgia	14.3 (2011)	7.5	13.3	-2.3	6.5	-5.9	-15.2	-12.9*
Kazakhstan	2.0	5.5	2.5	3.1	2.9	12.2	...	0.5*
Kyrgyz Republic	-5.2	-2.3	8.1	6.9	16.0	7.9	-29.2	...
Pakistan ^b	-6.5	14.6	7.3	7.4	9.9	-9.7	-6.1	4.7
Tajikistan ^c	7.5	25.2	-6.6	-12.0	25.5	8.9	-4.6	...
Turkmenistan	21.5	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...	...
East Asia								
China, People's Republic of	...	...	...	...	...	...	...	...
Hong Kong, China	11.3	-8.1	4.0	5.4	1.8	-16.9	-1.8	0.5
Korea, Republic of	17.1	6.5	6.3	10.9	-1.3	-1.9	0.9	2.3
Mongolia	62.8 (2011)	-26.5	-1.8	31.6	52.1	0.2	-40.7	74.1
Taipei, China	35.6	2.6	1.7	-0.8	6.9	7.3	6.9	17.3
South Asia								
Bangladesh ^{d,e}	8.6	7.1	8.9	8.4	12.1	6.9	4.0	8.1
Bhutan	46.1	16.5	12.0	-2.2	-5.3	-16.5	-14.3	...
India ^f	20.1	7.0	9.8	14.5	6.2*	-5.2*	-13.8*	...
Maldives	...	13.8	0.1	10.9	9.2	-1.6	-30.6	...
Nepal	34.4	7.0	-7.6	55.2	12.2	11.1	-29.5	...
Sri Lanka	20.2 (2011)	3.8	5.0	6.7	3.6	-10.5	-10.1	1.5
Southeast Asia								
Brunei Darussalam	37.0 (2011)	6.6	-11.1	8.0	28.1	-4.4	-9.3	-15.5
Cambodia	-7.9	9.9	10.0	6.0	6.0	6.5	12.8	6.5
Indonesia	8.8	3.0	5.0	5.7	8.5	2.4	-6.9	4.1
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	25.3	6.7	4.4	6.3	-1.6	-3.8	-12.0	7.4
Myanmar	34.6	16.1	4.3	8.1	-1.5	1.6	...	...
Philippines	30.5	13.4	20.8	10.9	11.3	3.5	-34.2	20.3
Singapore	22.5	-9.8	9.6	11.2	-3.5	-0.6	-14.7	17.5
Thailand	32.0	2.1	-3.8	11.0	16.3	-3.4	-5.1	...
Timor-Leste	2.8	-5.0	15.7	-13.6	-0.8	-14.7	-42.8	...
Viet Nam ^g	10.4	9.0	9.7	9.8	8.2	7.9	4.1	4.0
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	-9.3	57.4	-15.6	-10.5	-17.5	-20.4	-3.7*	...
Marshall Islands	18.8	-12.2	20.8	30.6	3.3	130.4	-63.2	12.2
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	3.3	0.3	9.8	12.0	-10.0	8.5*	...	...
Papua New Guinea	-9.8 (2005)	...	...	...	...	...	...	...
Samoa	54.7	3.8	10.8	-2.5	-3.1	17.4	-20.7	0.4
Solomon Islands ^a	85.2	19.9	4.9	19.3	6.5	20.0	-12.6	...
Tonga	4.7	11.1	9.6	18.9	-23.2	7.9	-4.1	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	-4.7	46.5	-23.7	28.1	14.9	-3.6	...	...
Developed ADB Member Economies								
Australia	...	...	...	...	...	...	...	...
Japan	2.9	3.3	0.7	2.1	1.0	0.5	-5.1	-2.1
New Zealand	7.4	2.0	2.8	8.1	4.2	1.6	-5.5	...

... = data not available, | = marks break in series; * = provisional, preliminary, estimate; ADB = Asian Development Bank.

a Refers to gross fixed capital formation.

b For 2016 onward, data are revised due to the rebasing of national accounts to the base year 2015/2016.

c Prior to 2016, figures are based on the 1993 System of National Accounts. For 2016 onward, figures are based on the 2008 System of National Accounts.

d Refers to gross fixed capital formation, which includes data on changes in inventories.

e For 2007–2016, data refer to previous growth rates calculated using the base year 2005/2006; and, for 2017–2021, using the base year 2015/2016.

f Refers to gross capital formation, which refers to the sum of gross fixed capital formation, valuables, increases in stocks, and errors and omissions.

g For 2021, gross domestic product data are based on a re-evaluated scale, where some 2008 System of National Accounts concepts are applied.

Source: Economies' official sources.

Table 2.2.19: Growth Rates of Real Exports of Goods and Services

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	46.5	-24.7	-21.5	-35.6	...
Armenia	26.5	4.9	21.3	19.3	5.0	16.0	-33.5	16.5
Azerbaijan	9.1	-0.2	-2.0	-2.2	0.5	-4.3	-11.5	...
Georgia	16.6 (2011)	4.2	8.7	11.7	10.1	9.8	-37.6	25.0*
Kazakhstan	3.1	-4.1	-4.5	8.0	9.6	2.0	-11.3	2.0*
Kyrgyz Republic	-11.7	-5.6	-3.8	6.1	-2.7	16.2	-27.3	...
Pakistan ^a	15.7	-6.3	-1.6	2.5	10.0	13.2	1.5	6.5
Tajikistan ^b	23.0	-	15.1	6.8	-5.2	21.5	21.8	...
Turkmenistan	11.7	...	...	...	...	...	...	...
Uzbekistan	1.6	2.1	4.3	14.8	11.8	16.2	-20.0	12.7*
East Asia								
China, People's Republic of	...	...	...	...	...	...	...	...
Hong Kong, China ^c	17.6	-1.4	0.7	5.8	3.7	-6.1	-6.7	17.0
Korea, Republic of	13.0	0.2	2.4	2.5	4.0	0.2	-1.7	10.8
Mongolia	18.2 (2011)	0.1	15.5	3.7	6.1	12.0	-5.3	-14.5
Taipei, China	27.6	0.4	-0.9	4.5	0.2	0.7	1.2	17.0
South Asia								
Bangladesh ^d	0.9	-2.8	2.2	-1.8	6.1	11.5	-17.5	9.2
Bhutan	7.5	-3.2	-5.3	6.5	4.6	14.4	-20.2	...
India	19.5	-5.6	5.0	4.6	11.9*	-3.4*	-9.2*	24.3*
Maldives	...	-9.9	8.9	7.4	10.5	6.7	-51.4	...
Nepal	-10.4	2.3	-17.3	8.9	7.7	5.5	-15.9	...
Sri Lanka	10.2 (2011)	4.7	-0.7	7.6	0.5	7.2	-9.6	17.0
Southeast Asia								
Brunei Darussalam	-3.0 (2011)	-9.9	-3.2	-4.1	5.7	14.9	7.5	7.6
Cambodia	20.6	7.2	8.6	5.3	5.3	7.8	1.1	13.5
Indonesia	15.3	-2.1	-1.7	8.9	6.5	-0.5	-8.1	24.0
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	11.1	0.3	1.3	8.7	1.9	-1.0	-8.9	15.9
Myanmar	10.9	15.1	-0.4	13.5	12.0	11.3	...	...
Philippines	20.3	10.0	9.2	17.4	11.8	2.6	-16.1	8.0
Singapore	17.8	5.0	0.0	7.4	7.6	0.3	-0.2	6.8
Thailand	14.0	1.0	3.0	5.0	3.0	-3.0	-20.0	10.0*
Timor-Leste	28.0	-28.3	8.5	-39.1	16.6	-17.2	-51.1	...
Viet Nam ^e	14.6	12.6	13.9	16.7	14.3	6.7	4.4	14.0
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	-20.7	34.5	21.9	-25.0	-16.8	72.0	-33.6*	...
Marshall Islands	44.3	-2.9	-11.3	-2.3	8.6	8.3	-3.3	-26.4
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	5.7	12.7	-3.9	-9.3	-5.4	-13.1*	...	...
Papua New Guinea	6.8 (2005)	...	...	...	...	...	...	...
Samoa	3.1	7.2	10.3	3.9	5.6	15.4	-61.1	-15.7
Solomon Islands	32.7	-6.5	10.7	5.2	6.2	-2.8	-21.8	...
Tonga	-9.4	7.9	27.2	-5.8	1.3	-3.3	-4.7	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	1.0	4.9	19.5	-1.1	3.5	-3.7	...	...
Developed ADB Member Economies								
Australia	4.7	6.9	6.4	5.5	4.1	4.0	-1.7	-8.3
Japan	24.9	3.2	1.6	6.6	3.8	-1.5	-11.8	11.6
New Zealand	2.8	6.5	2.0	3.8	3.5	0.3	-17.8	...

... = data not available, | = marks break in series, - = magnitude equals zero, * = provisional, preliminary, estimate, 0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank.

a For 2016 onward, data are revised due to the rebasing of national accounts to the base year 2015/2016.

b Prior to 2016, figures are based on the 1993 System of National Accounts (SNA). For 2016 onward, figures are based on the 2008 SNA.

c The statistics for trade in goods and services are compiled based on the change of ownership principle in recording goods sent abroad for processing and merchandising under the standards stipulated in the 2008 SNA.

d For 2007–2016, data refer to previous growth rates calculated using the base year 2005/2006; and, for 2017–2021, using the base year 2015/2016.

e For 2021, gross domestic product data are based on a re-evaluated scale, where some 2008 System of National Accounts concepts are applied.

Source: Economies' official sources.

National Accounts

Table 2.2.20: Growth Rates of Real Imports of Goods and Services

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	-0.5	40.3	16.5	-7.1	...
Armenia	12.8	-15.3	6.3	24.6	13.3	11.6	-31.5	11.5
Azerbaijan	12.4	8.4	-3.2	-0.8	-0.2	-3.2	-17.1	...
Georgia	15.6 (2011)	7.2	2.4	8.1	10.3	6.6	-16.6	8.5*
Kazakhstan	2.9	-0.1	-2.0	1.0	6.6	14.9	-9.0	-2.7*
Kyrgyz Republic	-6.9	-13.2	-1.1	7.4	7.4	6.1	-28.0	...
Pakistan	4.3	-1.6	16.0	19.0	15.7	7.6	-5.1	14.5
Tajikistan	8.0	-	-7.5	-6.5	9.3	6.4	-0.4	...
Turkmenistan	7.3	...	...	...	...	...	...	...
Uzbekistan	0.4	-10.6	-1.3	13.7	42.3	13.3	-15.0	23.1*
East Asia								
China, People's Republic of	...	...	...	...	...	...	...	...
Hong Kong, China ^a	18.2	-1.8	0.9	6.6	4.5	-7.2	-6.9	16.0
Korea, Republic of	17.5	2.1	5.2	8.9	1.7	-1.9	-3.1	10.1
Mongolia	49.5 (2011)	-11.4	17.5	11.5	32.7	8.6	-15.5	9.6
Taipei, China	30.1	1.3	-1.0	1.6	0.8	0.5	-3.6	17.9
South Asia								
Bangladesh	0.7	3.2	-7.1	5.2	23.9	0.5	-11.4	15.3
Bhutan	28.7	13.5	-6.6	-0.4	6.6	-6.2	-12.4	...
India	15.8	-5.9	4.4	17.4	8.8*	-0.8*	-13.8*	35.5*
Maldives	...	1.0	9.7	8.2	12.8	-0.3	-41.1	...
Nepal	28.3	9.6	3.2	28.2	19.0	5.8	-15.2	...
Sri Lanka	23.6 (2011)	10.6	7.9	7.1	1.8	-5.8	-11.4	11.5
Southeast Asia								
Brunei Darussalam	33.7 (2011)	-8.9	-10.8	1.3	28.1	13.8	-2.1	27.1
Cambodia	16.8	6.5	8.6	4.1	4.1	6.0	7.3	23.1
Indonesia	17.3	-6.2	-2.4	8.1	12.1	-7.1	-16.7	23.3
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	15.6	0.8	1.4	10.2	1.5	-2.4	-8.4	18.5
Myanmar	51.9	21.6	-11.4	10.0	-2.2	-7.7	...	...
Philippines	20.7	15.0	18.8	15.1	14.6	2.3	-21.6	13.0
Singapore	16.3	3.4	0.2	8.1	7.2	0.1	-2.3	7.6
Thailand	23.0	-	...	6.2	8.3	-5.2	-14.1	17.9*
Timor-Leste	-1.8	-7.4	8.1	-8.8	2.9	-6.5	-8.5	...
Viet Nam	13.7	18.1	15.3	17.5	12.8	9.5	2.8	16.2
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...
Kiribati	-8.2	18.8	5.5	-3.8	-9.0	14.0	-18.1*	...
Marshall Islands	9.5	-0.9	0.5	10.9	3.1	37.3	-31.4	-7.4
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	0.9	2.5	8.3	-1.5	-3.6	0.6*	...	...
Papua New Guinea	4.7 (2005)	...	...	...	...	...	...	...
Samoa	27.4	-5.6	5.7	4.3	7.1	12.0	-20.1	15.1
Solomon Islands	52.2	0.8	4.1	-2.9	18.3	8.1	-37.1	...
Tonga	3.0	22.6	16.9	3.5	-1.4	4.8	-7.6	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	1.2	26.2	2.3	3.3	10.4	-15.1	...	...
Developed ADB Member Economies								
Australia	6.9	1.5	-0.3	5.2	7.0	0.2	-7.7	-2.8
Japan	11.3	0.4	-1.2	3.3	3.8	1.0	-7.2	5.1
New Zealand	11.5	2.6	5.6	7.8	4.3	1.1	-16.1	...

... = data not available, | = marks break in series, - = magnitude equals zero, * = provisional, preliminary, estimate, ADB = Asian Development Bank.

a The statistics for trade in goods and services were compiled based on the change of ownership principle in recording goods sent abroad for processing and merchanting under the standards stipulated in the System of National Accounts 2008.

Source: Economies' official sources.

Table 2.2.21: Growth Rates of Agriculture Production Index
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	-0.7	-5.4	6.6	-1.9	-2.6	13.2	6.9	...
Armenia	-13.4	8.3	-10.1	-0.9	-12.1	-2.3	5.4	...
Azerbaijan	-2.1	6.5	3.7	5.8	5.5	7.9	1.3	...
Georgia	-4.5	1.9	-4.4	-8.7	17.3	0.6	10.0	...
Kazakhstan ^a	-21.8	2.4	1.9	-2.3	0.5	-3.5	5.8	-7.7
Kyrgyz Republic ^b	-1.7	8.0	2.3	1.4	2.0	2.0	0.5	...
Pakistan	-1.9	-4.8	2.6	11.5	5.8	-13.4	1.1	...
Tajikistan	5.0	6.6	0.3	34.6	7.5	6.5	-14.5	...
Turkmenistan	4.6	2.2	-3.2	-1.9	-1.0	1.0	-0.8	...
Uzbekistan	...	-0.1	0.1	-5.0	-0.8	3.1	-0.6	0.9
East Asia								
China, People's Republic of	2.7	2.8	-0.4	1.7	0.7	-0.6	1.5	...
Hong Kong, China	-	-	-	6.3	5.9	-	-	-
Korea, Republic of	-4.5	-2.4	-1.0	-1.1	1.9	0.9	-1.9	...
Mongolia	-21.8	30.7	-4.3	1.3	17.5	7.5	27.1	...
Taipei, China ^c	2.1	-3.4	-3.7	5.8	2.5	-3.7	0.3	-3.1
South Asia								
Bangladesh	6.1	2.5	-0.6	7.6	-0.1	0.9	2.1	...
Bhutan	4.0	0.5	8.7	0.5	-9.5	3.7	2.8	...
India	8.7	-1.6	4.2	6.1	4.7	1.0	0.8	...
Maldives	-4.0	1.4	2.3	-0.8	-0.7	4.1	0.8	...
Nepal	1.0	-	2.4	4.5	0.6	5.4	3.1	2.6
Sri Lanka	13.7	12.8	-1.5	-16.4	18.5	2.4	13.9	...
Southeast Asia								
Brunei Darussalam	4.7	-2.2	6.4	-3.5	0.9	-1.5	6.8	...
Cambodia	7.7	4.1	6.9	6.3	4.8	2.3	...	...
Indonesia	-22.0	2.5	2.9	-2.4	22.5	8.1	...	...
Lao People's Democratic Republic	9.6	15.8	1.3	-6.4	0.4	1.8	6.1	...
Malaysia	1.7	6.3	-6.0	8.3	-3.4	-0.8	-1.9	...
Myanmar ^d	-3.5 (2011)	2.3	-0.8	-2.8	-3.9	-3.3	...	...
Philippines	-1.1	-0.1	-2.2	3.5	-0.5	-0.3	-0.6	...
Singapore	3.2	4.2	6.3	28.5	-16.5	9.7	29.0	...
Thailand	0.9	-2.7	-0.4	6.4	7.7	-1.4	-4.2	1.6
Timor-Leste	-0.2	1.5	-7.8	-1.9	6.8	2.3	-1.5	...
Viet Nam	2.1	1.7	0.5	1.7	3.4	-0.7	2.0	...
The Pacific								
Cook Islands	-2.0	-1.9	-9.7	-7.5	-5.3	-2.4	...	...
Fiji	-19.6	1.7	-24.2	35.6	4.5	-3.1	...	...
Kiribati	0.7	0.7	-0.3	0.5	-9.0	2.0	1.2	...
Marshall Islands	-5.0	8.0	40.7	-	-36.8	-6.4	...	...
Micronesia, Federated States of	-1.0	0.5	1.1	0.7	-0.1	0.3	-2.0	...
Nauru	0.9	0.6	0.6	-0.9	0.3	0.6	...	...
Niue	-0.6	-4.5	3.2	-1.2	-0.7	1.3	0.2	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	-1.7	0.9	0.8	-	0.5	-0.2	0.5	...
Samoa	1.7	1.0	-4.3	-1.6	1.6	-12.2	10.4	...
Solomon Islands	-25.4	1.4	0.1	2.4	0.5	2.7	-1.3	...
Tonga	-0.8	-1.9	-5.3	0.1	-1.6	-0.1	-	...
Tuvalu	-1.4	1.5	0.7	0.1	0.3	0.2	0.2	...
Vanuatu	28.5	-6.8	-0.2	-0.9	-1.2	-0.3	-5.6	...
Developed ADB Member Economies								
Australia	-0.2	-1.2	-0.7	6.0	-8.1	-8.1	...	...
Japan	-2.3	-1.1	-0.3	0.4	-0.3	0.8	-1.3	...
New Zealand	-	2.1	-1.0	-1.8	4.0	-0.4	1.1	...

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

Note: Data refer to the gross production index (2014–2016 = 100), except for Hong Kong, China; Indonesia; Kazakhstan; the Kyrgyz Republic; Myanmar; Pakistan; Taipei, China; Thailand; and Uzbekistan.

a Refers to the index of physical volume of the gross production (services) of agriculture.

b Refers to volume indices of agriculture, hunting, and forestry.

c Refers to the index of agricultural, forestry, and fishery production.

d For 2010–2015, fiscal year is April–March. For 2016 onward, fiscal year is October–September.

Sources: Food and Agriculture Organization of the United Nations. FAOSTAT Database. <http://www.fao.org/faostat/en/#home> (accessed 9 July 2022).
For Hong Kong, China; Indonesia; Kazakhstan; the Kyrgyz Republic; Myanmar; Pakistan; Taipei, China; Thailand; and Uzbekistan: Economies' official sources.

Production

Table 2.2.22: Growth Rates of Manufacturing Production Index

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...
Azerbaijan	18.5	4.7	-5.6	-3.0	10.2	3.2	-1.0	8.5
Georgia	-73.8	-12.6	3.7	1.5	4.8	0.8	-6.1	9.7
Kazakhstan	17.3	-0.9	0.4	5.0	-1.0	1.2	-1.6	1.3
Kyrgyz Republic	19.4	-4.9	14.3	2.1	-2.4	3.2	-14.3	15.3
Pakistan	0.5	3.4	3.1	5.8	5.2	-2.3	-9.9	15.0
Tajikistan	673.7	4.8	-0.5	-1.6	-0.2	0.2	2.2	0.3
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	3.6	-1.9	0.8	-2.3	3.6	-1.2	1.2	0.3
East Asia								
China, People's Republic of ^a	16.6	7.0	6.8	7.2	6.5	6.0	3.4	9.8
Hong Kong, China ^b	3.5	-1.6	-0.4	0.4	1.3	0.4	-5.8	5.4
Korea, Republic of	16.7	-0.3	2.3	2.3	1.3	0.5	-0.2	7.6
Mongolia	...	...	...	...	...	...	...	...
Taipei, China	29.7	-1.2	1.9	5.3	3.9	-0.4	7.6	14.3
South Asia								
Bangladesh	-67.5	10.7	13.5	11.2	15.0	14.7	1.4	12.3
Bhutan	...	...	...	...	...	...	...	...
India ^c	9.0	3.0	4.1	4.6	3.9	-1.4	-9.6	11.7
Maldives	...	...	...	...	...	...	...	...
Nepal	-3.6	0.3	-27.5	17.1	10.0	7.2	-1.0	6.7
Sri Lanka	...	...	...	...	...	...	...	...
Southeast Asia								
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...
Indonesia	-22.4	4.8	4.0	4.7	4.0	4.1	-10.1	...
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	11.1	4.8	-19.2	4.4	3.1	2.4	-4.4	7.4
Myanmar ^d	10.1 (2011)	10.2	9.1	-34.8	9.7	7.3	...	...
Philippines	23.2	0.5	13.1	11.3	-28.7	-8.9	-40.5	50.4
Singapore ^e	29.7	-5.1	3.7	10.4	7.0	-1.5	7.5	13.3
Thailand	14.2	0.1	1.4	1.7	3.8	-3.4	-9.5	5.9
Timor-Leste	...	...	...	...	...	...	...	...
Viet Nam	...	1.6	0.8	2.9	-2.0	-1.6	-5.1	1.2
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	7.6	-17.2	2.1	1.5	3.6	-4.6	-6.6	...
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...
Samoa ^e	15.2	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...
Developed ADB Member Economies								
Australia	0.5	-1.5	-2.0	-0.6	2.2	-0.9	-1.4	1.5
Japan	15.6	-1.1	-	3.1	1.1	-3.0	-10.4	5.8
New Zealand	4.6	1.8	3.1	1.9	1.9	0.7	-3.5	3.9

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

a Data include only industrial enterprises above a designated size (annual revenue from principal business of over 20 million yuan).

b Starting from the reference year 2008, the index of industrial production and producer price index for manufacturing industries are compiled based on the Standard Industrial Classification Version 2.0 of Hong Kong, China, which adopts the basic framework and principles of the International Standard Industrial Classification of All Economic Activities Revision 4.

c For the fiscal year beginning 1 April.

d For 2010–2015, fiscal year is April–March. For 2016 onward, fiscal year is October–September.

e Refers to volume indices of industrial production.

Source: Economies' official sources.

Data Issues and Comparability

Indicators in this theme were derived from national accounts statistics compiled in accordance with the UN System of National Accounts. As national statistical offices gradually adopt the latest 2008 System of National Accounts framework with regard to data compilation and methodologies, these indicators will become more consistent across economies. Currently, economies in the region have varying reference periods (e.g., calendar year versus fiscal year) and price valuation methods. Due to a lack of reliable data and limited technical and financial resources dedicated for national accounts compilation, some economies with small statistical offices are not able to provide timely estimates, while some are dependent upon the estimates of external institutions.

Prices

Table 2.3.1: Growth Rates of Consumer Price Index

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	4.9	-0.7	4.4	5.0	0.6	2.3	5.6	5.1
Armenia	8.2	3.7	-1.4	1.0	2.5	1.4	1.2	7.2
Azerbaijan	5.7	4.0	12.4	12.9	2.3	2.6	2.8	6.7
Georgia	7.1	4.0	2.1	6.0	2.6	4.9	5.2	9.6
Kazakhstan	7.1	6.6	14.6	7.4	6.0	5.3	6.8	8.0
Kyrgyz Republic	8.0	6.5	0.4	3.2	1.5	1.1	6.3	11.9
Pakistan	10.1	4.5	2.9	4.8	4.7	6.8	10.7	8.9
Tajikistan	9.8	5.1	6.1	6.7	5.4	8.0	9.4	8.0
Turkmenistan	4.4	7.4	3.6	8.0	13.2	13.0	10.0	12.5
Uzbekistan ^a	7.6	5.5	5.6	9.5	17.5	14.5	12.9	10.8
East Asia								
China, People's Republic of	3.3	1.4	2.0	1.6	2.1	2.9	2.5	0.9
Hong Kong, China	2.4	3.0	2.4	1.5	2.4	2.9	0.3	1.6
Korea, Republic of	2.9	0.7	1.0	1.9	1.5	0.4	0.5	2.5
Mongolia	12.9	1.0	1.3	6.3	8.2	5.2	2.3	13.4
Taipei, China	1.0	-0.3	1.4	0.6	1.4	0.6	-0.2	2.0
South Asia								
Bangladesh	6.8	6.4	5.9	5.4	5.8	5.5	5.7	5.6
Bhutan	7.0	4.5	3.2	5.0	2.7	2.7	5.6	7.3
India	10.4	4.9	4.6	3.7	3.4	4.8	6.5	5.1
Maldives	6.1	1.0	0.5	2.8	-0.1	0.2	-1.4	0.5
Nepal	9.6	7.2	9.9	4.5	4.2	4.6	6.2	3.6
Sri Lanka ^b	6.2	2.2	4.0	6.5	4.3	4.4	4.5	6.0
Southeast Asia								
Brunei Darussalam	0.4	-0.5	-0.3	-1.3	1.0	-0.4	1.9	1.7
Cambodia ^b	4.0	1.2	3.0	2.9	2.5	1.9	2.9	3.5
Indonesia ^c	5.1	6.4	3.5	3.8	3.2	2.8	2.0	1.6
Lao People's Democratic Republic	6.0	1.3	1.6	0.8	2.0	3.3	5.1	3.8
Malaysia	1.7	2.1	2.1	3.7	1.0	0.6	-1.1	2.5
Myanmar	7.7	9.5	6.9	4.6	6.8	8.9	3.8	...
Philippines	3.8	0.7	1.3	2.9	5.2	2.4	2.4	3.9
Singapore	2.8	-0.5	-0.5	0.6	0.4	0.6	-0.2	2.3
Thailand	3.3	-0.9	0.2	0.7	1.1	0.7	-0.9	1.2
Timor-Leste	5.2	0.6	-1.5	0.5	2.3	0.9	0.5	3.8
Viet Nam	9.2	0.6	2.7	3.5	3.5	2.8	3.2	1.8
The Pacific								
Cook Islands	1.5	1.1	-0.4	-0.3	0.1	0.4	1.0	3.1
Fiji	3.7	1.4	3.9	3.3	4.1	1.8	-2.6	0.2
Kiribati ^b	-3.0	0.6	1.9	0.4	0.6	-1.8	2.5	2.2
Marshall Islands ^b	1.8	-2.2	-1.5	0.1	0.8	-0.1	-0.7	2.7
Micronesia, Federated States of	3.6	0.0	-1.0	...	1.6	1.9	0.5	...
Nauru	-3.1	9.8	8.2	5.1	0.5	4.3	0.9	1.2
Niue	5.3	1.8	1.3	5.0	9.6	2.4	2.6	...
Palau	1.4	0.9	-1.0	0.7	2.1	0.2	0.2	2.7
Papua New Guinea	4.4 (2011)	6.0	6.7	5.4	4.4	3.9	4.9	4.5
Samoa	0.8	0.7	1.3	1.8	4.2	1.0	-1.6	3.1
Solomon Islands ^b	0.9	-0.6	0.5	0.5	3.5	1.6	3.0	-0.1
Tonga	3.5	-1.1	2.6	7.5	6.1	1.2	-0.3	5.7
Tuvalu	-1.9	3.1	3.5	4.1	2.1	3.5	1.6	6.7
Vanuatu	3.1	2.5	3.9	3.1	2.3	2.8	5.3	2.3
Developed ADB Member Economies								
Australia	2.3	1.7	1.4	1.7	1.9	1.6	1.3	1.6
Japan	-0.7	0.8	-0.1	0.5	1.0	0.5	-0.0	-0.2
New Zealand	2.3	0.3	0.6	1.9	1.6	1.6	1.7	3.9

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

Note: Data refer to the whole of each economy, unless otherwise indicated. In general, the consumer price index (CPI) data of economies are grouped according to the Classification of Individual Consumption According to Purpose (COICOP) adopted by the United Nations Statistical Commission in 1999. Other economies have switched to the most recent version, COICOP 2018. For more information on COICOP versions, please refer to United Nations' Classification of Economic Statistics available at <https://unstats.un.org/unsd/classifications/econ/>.

a Prior to 2016, values were calculated based on variable weights. From 2016 onward, values were calculated based on fixed weights.

b Data refer to capital city.

c For 2010, data refer to the CPI for 66 cities; for 2015–2018, 82 cities; and for 2019–2021, 90 cities. For 2019–2021, the CPI commodity grouping also changed based on COICOP 2018.

Source: Economies' official sources.

Table 2.3.2: Growth Rates of Food and Nonalcoholic Beverages Consumer Price Index (%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	3.5	-0.8	5.7	6.9	-1.1	3.8	10.0	5.5
Armenia	9.4	3.1	-3.3	4.1	2.3	1.9	0.3	11.2
Azerbaijan	7.5	4.8	13.7	17.2	2.0	3.3	4.6	8.2
Georgia	11.7	4.2	1.6	6.8	2.2	8.1	10.5	10.8
Kazakhstan	5.9	5.7	12.9	8.5	4.7	8.1	10.5	10.8
Kyrgyz Republic	6.5	3.7	-6.5	2.5	-2.2	1.3	11.7	18.0
Pakistan ^a	12.6	3.5	-0.4	10.2	6.7	-4.6	15.5	13.2
Tajikistan	...	3.8	6.5	7.8	4.9	11.4	13.6	7.3
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	4.9	2.7	7.9	18.1	20.1	17.0	17.5	14.4
East Asia								
China, People's Republic of ^b	7.2	2.3	4.6	-1.4	1.8	9.2	10.6	-1.4
Hong Kong, China	3.5	3.4	3.6	1.1	4.3	9.9	7.7	1.4
Korea, Republic of	6.4	1.6	2.3	3.4	2.8	0.0	4.4	5.9
Mongolia	18.6	-5.9	1.7	7.3	9.1	8.4	8.5	12.9
Taipei, China	1.1	3.9	7.9	-1.8	0.6	2.2	0.4	3.6
South Asia								
Bangladesh ^c	7.7 (2012)	6.7	4.9	6.0	7.1	5.5	5.5	5.7
Bhutan	9.4	3.3	4.0	7.5	4.9	3.6	11.4	8.9
India	...	4.7	4.4	1.9	0.4	6.6	8.0	3.7
Maldives ^d	7.5	0.5	0.6	5.6	-1.1	-0.8	2.7	1.8
Nepal ^e	15.5	9.6	10.9	1.9	2.7	3.1	8.2	5.0
Sri Lanka ^f	6.9	5.5	6.1	9.3	3.4	0.8	11.4	11.7
Southeast Asia								
Brunei Darussalam	-0.0 (2011)	1.0	-0.5	0.3	1.9	-0.7	2.5	2.4
Cambodia ^g	4.3	4.0	5.6	3.4	2.5	2.1	4.6	3.4
Indonesia ^g	9.4	7.2	7.2	2.1	4.2	3.0	3.6	3.1
Lao People's Democratic Republic	5.6 (2012)	4.5	4.3	-0.1	1.2	4.7	8.6	3.0
Malaysia	2.5	3.6	3.8	3.9	1.7	1.6	1.3	1.7
Myanmar	7.4	13.1	9.2	4.4	6.6	9.0	2.8	...
Philippines	4.0	1.9	1.6	3.1	6.8	1.6	2.9	4.2
Singapore	2.3	1.2	2.3	1.3	1.3	1.1	2.9	1.6
Thailand	5.4	1.1	1.6	-	0.4	2.3	1.2	-0.1
Timor-Leste	6.4	0.3	-2.1	0.9	1.7	0.9	0.9	5.8
Viet Nam	10.7	1.5	2.4	-1.1	3.2	4.1	10.0	0.7
The Pacific								
Cook Islands ^{f,h}	2.6	0.1	1.0	0.6	0.6	1.3	2.7	4.2
Fiji	4.1	4.7	6.0	-2.1	3.4	4.9	-2.4	6.4
Kiribati	-4.6	-0.6	1.7	1.8	-1.1	-2.0	1.2	3.9
Marshall Islands ^{f,i}	-1.5	2.3	-1.4	-0.5	1.3	0.5	-0.7	3.3
Micronesia, Federated States of	2.2	0.8	-1.2	...	-0.9	1.2	0.7	...
Nauru	-0.4	0.6 (2013)	...	...	...	...	...	...
Niue ^k	8.2	2.7	-0.2	3.4	0.6	5.1	5.2	...
Palau	1.8	1.7	-3.0	1.6	4.0	0.6	2.2	4.2
Papua New Guinea	-1.0 (2011)	4.9	5.1	2.8	0.8	3.0	2.2	4.4
Samoa	-6.6	3.3	5.9	1.4	5.6	1.0	-1.5	3.4
Solomon Islands ^{f,l}	-2.9	-3.0	0.5	-0.9	1.9	-0.4	1.3	-3.1
Tonga	3.0	1.8	1.3	8.5	6.7	1.7	1.9	7.2
Tuvalu	-5.9	4.0	3.5	4.5	3.3	3.6	0.6	5.8
Vanuatu	4.5	3.6	2.3	6.8	4.1	5.4	11.4	4.6
Developed ADB Member Economies								
Australia ^m	1.6	2.1	0.1	1.8	-0.0	2.0	3.1	1.8
Japan	-0.3	3.6	2.1	0.7	1.6	0.2	1.2	-0.0
New Zealand	1.0	-0.1	-0.6	2.2	-0.2	1.1	3.2	1.8

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

Note: Data refer to the whole of each economy, unless otherwise indicated.

a For 2010 onward, growth rates were calculated using price indexes with base year 2007/2008 = 100 (for 2010–2019) and base year 2015/2016 = 100 (for 2020 and 2021) for food and nonalcoholic beverages only.

b For 2016 onward, excludes nonalcoholic beverages.

c Refers to food, nonalcoholic and alcoholic beverages, and tobacco.

d Refers to food (including fish) and nonalcoholic beverages. Data prior to 2004, featured in the Key Indicators Database, also include tobacco and narcotics.

e Includes alcoholic beverages, tobacco, and narcotics; and restaurants and hotels.

f Refers to capital city.

g For 2010–2018, data refer to Indonesia's consumer price index group "Foodstuff" consisting of cereals, cassava, and related products; meat and related products; fresh fish; preserved fish; eggs, milk, and related products; vegetables; beans and nuts; fruits; spices; fats and oils; and other food items. The group does not include alcoholic and nonalcoholic beverages. For 2019–2021, data refer to food, beverages, and tobacco. Both alcoholic and nonalcoholic beverages are included in this group.

h Refers to fruits and vegetables; meat, poultry, and fish; cereal products; soft drink and sweets; farm products; fats and oils; other food; and prepared food.

i Refers to the Tarawa Retail Price Index, which is based on data for South Tarawa, to represent all of Kiribati. Data refer to the weighted average of food and nonalcoholic drinks price indexes.

j Refers to food.

k For 2010, refers to food.

l For 2010–2017, excludes nonalcoholic beverages.

m Includes restaurants and hotels.

Source: Economies' official sources.

Prices

Table 2.3.3: Growth Rates of Wholesale and/or Producer Price Indexes

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	22.6	-0.8	1.5	3.9	1.6	0.5	2.4	9.9
Azerbaijan	30.5	-30.6	27.5	36.8	26.0	3.2	-24.8	69.6
Georgia	11.3	7.5	-0.1	11.0	6.1	7.2	11.8	16.7
Kazakhstan	25.2	-20.5	16.8	15.3	19.0	5.1	-8.0	32.5
Kyrgyz Republic	22.8	8.8	6.4	1.7	1.5	4.3	21.3	11.5
Pakistan	13.8	-0.3	-1.1	4.5	5.3	16.0	10.2	9.4
Tajikistan	27.2	3.0	14.7	1.6	1.8	1.1	5.4	5.9
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	15.6	13.5	14.8	17.5	31.8	43.2	14.9	9.3
East Asia								
China, People's Republic of	5.5	-5.2	-1.4	6.3	3.5	-0.3	-1.8	8.1
Hong Kong, China	6.0	-2.7	1.3	3.8	2.0	1.0	2.3	1.2
Korea, Republic of	3.8	-4.0	-1.8	3.5	1.9	0.0	-0.5	6.4
Mongolia	...	...	-1.7	13.3	14.0	-1.4	-9.6	25.0
Taipei, China	5.5	-8.9	-3.0	0.9	3.6	-2.3	-7.8	9.5
South Asia								
Bangladesh ^a	8.9 (2006)	...	...	...	...	...	...	...
Bhutan	5.8 (2012)	0.6	1.2	5.8	4.7	-3.7	2.3	8.9
India	9.6	-3.7	1.7	2.9	4.3	1.7	1.3	13.0
Maldives	3.9	-2.4	...	...	...	...	...	...
Nepal	12.2	6.1	6.3	2.7	1.7	6.2	6.9	7.6
Sri Lanka	2.6	1.0	4.2	7.4	3.4	3.4	5.4	...
Southeast Asia								
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...
Indonesia	4.9	4.4	7.9	4.6	5.5	0.9	1.3	2.6
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	12.3 (2011)	-7.4	-1.1	6.7	-1.1	-1.4	-2.7	9.5
Myanmar	...	...	...	...	...	...	...	...
Philippines	5.9	1.6	0.9	1.9	1.9	1.6	2.5	3.1
Singapore	4.7	-15.3	-6.9	7.0	6.4	-3.3	-8.7	15.2
Thailand	9.4	-4.1	-1.2	0.7	0.5	-0.7	-1.6	4.7
Timor-Leste	...	...	...	...	...	...	...	...
Viet Nam	12.6	-0.6	-0.6	2.8	3.1	1.3	-0.6	2.9
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	-0.1	1.0	1.5	1.0	1.6	2.0	1.0	0.5
Japan	-0.1	-3.0	-3.5	2.3	2.6	-0.2	-2.3	4.8
New Zealand	2.3	-1.3	0.8	4.8	3.4	2.1	1.0	4.6

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

a For agricultural and industrial products only.

Source: Economies' official sources.

Table 2.3.4: Growth Rates of Gross Domestic Product Deflator
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	14.3	5.1	...	2.4	2.1	6.5	7.8	...
Armenia ^a	7.8	1.2	0.3	2.1	2.8	1.0	1.8	6.9
Azerbaijan	13.6	-8.9	14.7	16.2	12.2	-0.2	-7.6	21.2
Georgia	8.5	5.8	2.6	8.5	4.4	5.2	7.3	10.8
Kazakhstan	19.6	1.9	13.6	8.4	9.2	7.6	4.2	10.6
Kyrgyz Republic	10.0	3.4	6.1	6.3	3.4	-0.8	5.8	16.0
Pakistan	10.9	4.1	0.4	4.0	3.8	9.0	9.9	10.2
Tajikistan	12.4	5.5 (2014)	...	...	2.5	3.6	1.7	...
Turkmenistan	-2.5	-4.9	...	...	...	...	...	...
Uzbekistan	19.9	10.5	8.9	19.1	27.0	17.9	11.6	13.6
East Asia								
China, People's Republic of	6.9	0.1	1.4	4.2	3.5	1.3	0.5	4.4
Hong Kong, China	0.3	3.6	1.6	2.9	3.7	2.0	0.6	0.9
Korea, Republic of	2.7	3.2	2.0	2.2	0.5	-0.8	1.6	2.5
Mongolia	15.1 (2011)	7.4 (2014)	3.0	10.8	8.0	10.0	3.7	13.3
Taipei, China	-1.3	3.4	0.8	-0.8	-0.6	-0.2	1.3	3.0
South Asia								
Bangladesh	7.1	5.9	6.7	5.0	5.8	3.7	3.8	4.1
Bhutan	6.1	3.6	4.4	5.1	1.8	0.9	6.9	...
India	10.5	2.3	3.2	4.0	3.9	2.4	5.6	9.7
Maldives ^b	2.9	7.9	0.2	1.4	5.3	-2.6	-0.2	...
Nepal	14.4	4.5	7.1	7.0	3.1	4.3	5.6	3.9
Sri Lanka	7.3	3.0	5.4	5.5	4.3	3.9	3.1	8.1
Southeast Asia								
Brunei Darussalam	5.3	-17.6	-9.2	5.0	9.2	-3.3	-10.9	15.4
Cambodia	3.1	1.7	3.4	3.3	3.1	3.4	-0.7	1.3
Indonesia	7.3	4.0	2.4	4.3	3.8	1.6	-0.4	6.0
Lao People's Democratic Republic	3.1	2.3	3.0	1.9	1.9	1.2	2.8	3.6
Malaysia	5.4 (2011)	-0.4	1.7	3.8	0.6	0.1	-0.8	5.7
Myanmar	7.0	4.1	...	5.4	5.4	6.3	...	...
Philippines	4.4	-0.7	1.3	2.3	3.7	0.7	1.6	2.3
Singapore	1.1	3.1	0.4	2.8	3.5	-0.4	-3.0	4.0
Thailand	3.9	0.2	2.4	1.8	1.3	0.5	-1.2	1.9
Timor-Leste	11.0	7.2	0.1	1.0	-1.3	4.7	-19.3	...
Viet Nam	12.1	-0.2	1.1	4.1	3.4	1.8	1.3	2.8
The Pacific								
Cook Islands	1.9	6.4	-2.1	-0.2	2.0	-1.5	8.2	31.8
Fiji	2.5	2.5	2.6	1.7	1.4	2.4	...	...
Kiribati	0.8	4.6	6.4	2.5	1.6	-2.0	3.3	...
Marshall Islands	-0.7	-1.6	7.2	2.0	0.3	2.8	4.3	2.8
Micronesia, Federated States of	3.6	-5.3	4.0	7.5	9.4	1.5	0.5	...
Nauru	-18.1	-8.3	10.5	11.8	4.2	2.5	2.2	3.1
Niue	7.6	-0.3	0.5	1.9	11.2	...	...	...
Palau	-0.1	8.9	6.9	-1.1	-6.2	0.1	...	...
Papua New Guinea	10.0	-1.4	2.3	7.7	10.0	1.1	5.7	7.7
Samoa	4.1	4.4	1.1	1.4	-0.2	1.6	1.6	1.5
Solomon Islands	1.7	3.4	0.3	2.6	7.9	1.2	-1.3	...
Tonga	7.8	5.3	3.1	5.6	5.1	7.7	-3.6	...
Tuvalu	2.5	4.6	...	3.0	7.3	6.4	0.9	4.7
Vanuatu	1.5	5.9	1.6	5.4	3.2	3.3	...	...
Developed ADB Member Economies								
Australia	1.2	-0.6	-0.6	3.7	1.8	3.4	1.8	2.9
Japan	-1.9	2.1	0.4	-0.1	-0.0	0.6	0.9	-0.9
New Zealand	3.7	0.8	2.4	2.7	1.3	3.0	1.3	...

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

a For 2010, estimates are based on the 1993 System of National Accounts. For 2015 onward, estimates are based on the 2008 System of National Accounts.

b For 2010 onward, the gross domestic product (GDP) at current prices includes some product taxes that were not included in the calculation of GDP at constant prices, hence, the implicit GDP deflators may be overestimated.

Source: Economies' official sources.

Money and Finance

Table 2.3.5: Growth Rates of Money Supply
(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	39.3	3.7	9.7	4.1	2.6	5.7	12.1	...
Armenia	11.8	10.8	17.5	18.5	7.4	11.2	9.0	13.1
Azerbaijan ^a	24.3	-1.3	-1.9	9.0	5.7	20.0	1.1	18.7
Georgia ^a	30.1	17.3	21.1	14.6	13.9	17.6	24.6	11.4
Kazakhstan	23.1	8.0	46.2	7.5	7.1	11.0	19.2	24.1
Kyrgyz Republic	21.1	14.9	14.6	17.9	5.5	12.8	23.9	19.1
Pakistan	13.0	12.8	14.5	13.9	9.5	10.8	18.3	14.7
Tajikistan	18.6	18.7	37.1	21.8	5.1	17.0	18.4	8.2
Turkmenistan ^a	74.2	18.0	9.4	11.4	8.4	12.9	11.8	18.1
Uzbekistan	52.4	24.3	23.6	41.0	13.2	13.8	17.9	30.3
East Asia								
China, People's Republic of	18.9	13.3	11.3	9.0	8.1	8.7	10.1	9.0
Hong Kong, China	8.1	5.5	7.7	10.0	4.3	2.8	5.8	4.3
Korea, Republic of	6.0	8.2	7.1	5.1	6.7	7.9	9.8	12.9
Mongolia	62.5	-5.5	21.0	30.5	22.8	8.2	16.2	13.8
Taipei, China	5.5	5.8	3.6	3.6	2.7	4.5	9.4	7.4
South Asia								
Bangladesh	22.4	12.4	16.4	10.9	9.2	9.9	12.6	13.6
Bhutan	16.5	3.8	23.0	17.4	6.5	13.1	27.7	13.1
India ^a	16.1	10.1	10.1	9.2	10.5	8.9	12.2	8.8
Maldives	14.6	12.1	-0.2	5.2	3.4	9.5	14.2	26.7
Nepal	14.1	19.9	19.5	15.5	19.4	15.8	18.1	21.8
Sri Lanka	18.0	17.2	18.9	17.5	13.5	7.6	22.9	13.5
Southeast Asia								
Brunei Darussalam	4.8	-1.8	1.5	-0.4	2.8	4.3	-0.4	2.7
Cambodia	21.3	17.0	21.0	23.1	26.6	18.2	15.3	16.4
Indonesia	15.4	9.0	10.0	8.3	6.3	6.5	12.5	13.9
Lao People's Democratic Republic	39.5	14.7	10.9	12.2	8.4	18.9	16.3	24.0
Malaysia ^a	6.8	3.0	3.2	4.9	9.1	3.9	3.7	6.4
Myanmar	42.5	30.7	17.4	20.5	14.6	15.5	18.2	6.0
Philippines ^a	10.0	9.4	12.8	11.9	9.5	11.5	9.6	7.9
Singapore	8.6	1.5	8.0	3.2	3.9	5.0	13.2	...
Thailand	10.9	4.4	4.2	5.0	4.7	3.6	10.2	4.8
Timor-Leste	18.2	7.1	14.3	12.1	3.1	-7.1	10.2	28.7
Viet Nam	33.3	16.2	18.4	15.0	12.4	14.8	14.5	10.7
The Pacific								
Cook Islands	0.1	9.5	0.1	6.4	9.9	7.9	17.1	...
Fiji ^a	3.5	13.9	4.8	8.3	2.8	2.7	1.2	11.3
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	9.4	28.6	19.9	23.9	-3.3	-4.9	21.8	11.7
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	12.0 (2011)	30.9	17.4	0.3	0.3	-3.2	10.3	...
Papua New Guinea ^a	11.4	8.0	10.9	-0.7	-4.0	4.4	7.0	11.7
Samoa	6.4	6.0	9.2	15.2	8.8	4.6	5.4	1.7
Solomon Islands ^a	13.3	15.5	13.4	3.5	6.8	-3.1	6.6	0.6
Tonga	5.1	9.3	16.7	13.7	7.6	4.4	1.1	26.0
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	1.3	11.4	10.6	9.3	13.1	7.0	-0.7	8.9
Developed ADB Member Economies								
Australia ^a	4.5	6.7	5.8	7.8	1.9	4.0	8.5	7.8
Japan ^a	1.9	2.5	3.2	2.9	2.2	2.0	7.7	3.3
New Zealand ^b	3.2	8.1	7.7	7.3	6.4	4.7	12.2	7.1

... = data not available, ADB = Asian Development Bank.

Note: Data are based on money supply M2 (M2), unless otherwise stated.

a Refers to money supply M3 (M3).

b Refers to money supply M3 (M3), except for 2016–2021 (M2).

Source: Economies' official sources.

Money and Finance

Table 2.3.6: Money Supply
(% of GDP)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	30.3	29.7	37.2	36.9	36.6	35.0	37.9	...
Armenia	26.3	36.8	43.0	46.4	46.1	47.2	54.4	54.5
Azerbaijan ^a	24.8	39.1	34.6	32.4	30.0	35.2	40.3	37.3
Georgia ^a	28.4	38.7	44.3	44.7	46.5	49.5	61.5	...
Kazakhstan	30.1	21.0	26.8	24.9	23.4	23.1	27.1	28.9
Kyrgyz Republic	31.4	33.3	34.4	36.5	35.8	37.2	47.4	47.0
Pakistan	37.7	40.2	38.6	40.5	40.2	39.8	43.4	42.4
Tajikistan	18.0	21.2	27.0	28.0	26.7	28.0	31.3	28.7
Turkmenistan ^a	17.3	48.2	...	...	...	...	...	...
Uzbekistan	17.7	18.4	19.7	22.3	18.9	17.2	17.9	19.1
East Asia								
China, People's Republic of	176.1	202.1	207.7	203.1	198.7	201.4	215.8	208.4
Hong Kong, China	401.7	484.4	502.2	517.2	506.0	518.3	583.3	567.1
Korea, Republic of	125.5	135.5	138.3	137.8	142.3	151.4	164.9	174.4
Mongolia	48.0	43.9	50.8	56.6	59.8	55.7	65.4	64.8
Taipei, China	220.2	233.9	235.3	237.8	238.9	242.7	253.5	248.2
South Asia								
Bangladesh	45.5	52.0	44.2	43.7	42.1	41.3	43.3	44.2
Bhutan	72.2	59.2	64.6	68.9	70.0	74.2	98.6	111.5
India ^a	85.2	84.4	83.1	81.7	81.7	83.7	95.2	87.5
Maldives	47.9	48.3	45.2	43.9	40.4	41.8	71.9	68.1
Nepal	60.3	77.5	86.1	84.2	89.5	92.8	108.1	120.8
Sri Lanka	27.3	35.1	37.6	39.4	41.9	43.4	53.6	54.5
Southeast Asia								
Brunei Darussalam	67.3	80.8	92.6	86.7	81.6	84.7	93.6	84.8
Cambodia	41.6	72.4	79.2	88.2	100.7	107.7	128.9	143.8
Indonesia	36.0	39.5	40.4	39.9	38.8	38.8	44.7	46.4
Lao People's Democratic Republic	38.0	51.2	51.5	53.1	53.1	59.1	64.8	75.0
Malaysia ^a	132.2	136.3	132.5	126.5	130.9	130.1	144.1	140.6
Myanmar	23.6	46.4	53.4	57.7	58.9	60.0	...	...
Philippines ^a	47.7	60.5	62.8	64.2	63.7	66.5	79.3	79.1
Singapore	123.3	122.9	127.6	122.4	118.5	123.5	150.3	137.7
Thailand	109.0	127.7	125.4	124.0	122.8	123.4	146.7	148.7
Timor-Leste ^b	33.5	40.3	44.5	50.9	53.6	38.5	39.9	...
Viet Nam	129.3	143.6	158.3	163.7	166.2	175.1	192.4	159.6
The Pacific								
Cook Islands	83.1	59.3	57.7	56.2	57.3	59.9	86.8	...
Fiji ^a	67.6	73.3	73.0	73.8	72.1	72.8	89.9	103.9
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	63.0	82.8	91.4	106.7	99.3	87.2	104.1	110.6
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	46.2	72.2	79.7	82.4	83.4	82.1	102.0	...
Papua New Guinea ^a	34.0	33.6	34.5	30.7	26.9	26.5	29.3	28.6
Samoa	43.8	41.1	42.5	48.5	51.3	51.4	59.3	60.8
Solomon Islands ^a	28.6	40.4	43.2	42.3	40.8	38.4	42.9	43.0
Tonga	41.2	47.5	50.5	52.6	53.6	51.6	53.8	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	87.0	81.7	85.0	82.9	88.3	88.6	91.3	...
Developed ADB Member Economies								
Australia ^a	94.3	109.5	113.4	115.2	112.1	110.3	117.7	121.4
Japan ^a	216.6	232.5	237.1	240.2	244.0	248.0	277.1	284.2
New Zealand ^c	111.6	121.6	102.3	102.2	102.9	101.9	112.9	115.6

... = data not available, ADB = Asian Development Bank, GDP = gross domestic product.

Note: Data are based on money supply M2 (M2), unless otherwise stated.

a Refers to money supply M3 (M3).

b From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

c Refers to money supply M3 (M3), except for 2016–2021 (M2).

Source: Economies' official sources.

Money and Finance

Table 2.3.7: Interest Rates on Savings and Time Deposits
(% per annum, period averages)

ADB Regional Member	Savings Deposits								Time Deposits ^a							
	2010	2015	2016	2017	2018	2019	2020	2021	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies																
Central and West Asia																
Afghanistan	5.4	3.1	1.6	1.3	1.6	1.5	0.8	...	8.2	5.2	4.4	3.1	2.3	3.4	2.4	...
Armenia	...	...	...	...	...	...	...	...	10.7	15.4	12.5	9.6	9.4	9.3	9.2	9.2
Azerbaijan	...	...	...	...	...	...	...	...	11.0	8.2	5.5	12.1	9.8	9.4	8.6	8.8
Georgia ^b	8.7	5.3	4.5	4.0	4.3	4.7	5.2	4.9	11.6	7.0	6.7	6.1	5.8	5.7	6.6	6.6
Kazakhstan ^c	...	...	...	...	...	...	...	...	9.8	7.5	11.4	11.2	10.5	9.1	8.6	8.3
Kyrgyz Republic	...	...	...	...	...	...	...	...	11.5	14.5	13.3	10.8	10.3	9.5	9.8	11.0
Pakistan	5.0	4.7	3.7	3.5	4.1	8.6	5.9	5.0	7.2	5.9	4.7	4.3	4.6	8.0	6.2	5.2
Tajikistan	3.8	0.9	1.2	1.4	1.1	0.6	1.0	0.9	17.8	15.6	16.4	14.6	12.8	11.6	10.7	11.5
Turkmenistan	...	...	...	...	...	...	...	...	11.3	(2004)	...	...	...	...	...	...
Uzbekistan ^d	...	16.5	18.1	18.0	15.9	18.3	18.6	19.4	...	18.3	18.7	18.5	16.4	18.6	19.2	18.7
East Asia																
China, People's Republic of	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2.3	2.1	1.5	1.5	1.5	1.5	1.5	1.5
Hong Kong, China	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.1
Korea, Republic of ^e	3.2	1.7	1.5	1.5	1.8	1.7	1.0	1.1	3.9	1.8	1.6	1.7	2.0	1.9	1.2	1.2
Mongolia ^f	10.7	13.0	12.4	13.0	11.2	10.5	8.4	5.8	...	...	...	9.8	10.2	10.9	8.8	6.2
Taipei, China	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	1.0	1.3	1.1	1.1	1.1	1.1	0.8	0.8
South Asia																
Bangladesh ^g	4.9	4.5	3.6	3.2	3.3	3.3	2.8	2.2	9.0	9.0	7.3	6.4	7.4	8.2	6.5	5.7
Bhutan ^h	4.8	5.3	5.3	5.5	5.3	5.4	5.4	5.3	6.8	6.8	7.0	7.0	7.8	7.8	7.6	7.8
India	3.5	4.0	4.0	...	...	...	...	...	7.5	6.2	5.5	...	...	...	...	...
Maldives ⁱ	2.3	2.2	1.7	1.5	1.5	1.5	1.5	1.5	4.3	4.0	3.4	3.5	3.7	3.3	3.8	3.6
Nepal	7.0	2.9	2.2	4.0	4.6	5.0	4.2	3.0	8.1	6.5	5.8	10.4	10.4	9.8	9.0	7.3
Sri Lanka	5.0	5.0	4.3	4.0	4.0	4.0	3.5	3.5	8.5	7.3	11.0	11.0	10.5	9.8	5.3	5.5
Southeast Asia																
Brunei Darussalam	0.4	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.7	0.8	0.7	0.7	0.8	0.8	0.3	0.2
Cambodia	1.2	1.2	1.5	1.2	0.6	0.6	0.6	1.0	6.6	7.4	7.4	6.4	6.2	6.3	6.3	6.2
Indonesia	3.9	1.7	1.5	1.5	1.3	1.1	0.8	0.7	7.9	8.5	7.3	6.8	6.5	6.8	5.7	3.8
Lao People's Democratic Republic	3.4	2.6	1.8	1.7	1.8	1.8	1.7	1.7	9.1	7.6	5.6	5.4	5.4	5.4	5.4	5.3
Malaysia	0.9	1.1	1.0	1.0	1.0	1.0	0.6	0.5	2.8	3.3	3.2	3.1	3.3	3.2	2.1	1.7
Myanmar	...	...	...	10.0	10.0	10.0	6.2	5.0	...	...	...	8.0	8.0	8.0	5.8	5.0
Philippines ^j	1.6	0.7	0.7	0.7	0.9	1.2	...	...	2.1	3.1	3.0	2.8	3.5	4.6	...	...
Singapore	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.5	0.3	0.4	0.3	0.5	0.6	0.3	0.3
Thailand	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	1.6	1.4	1.4	1.4	1.4	1.3	0.5	0.5
Timor-Leste	0.8	0.8	0.8	0.4	0.4	0.5	0.5	...	1.3	1.3	1.2	0.7	0.7	0.7	0.6	...
Viet Nam ^k	3.0	0.7	0.6	0.6	0.5	0.5	0.2	0.1	11.5	6.3	6.8	6.9	7.1	7.3	6.8	5.5
The Pacific																
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	1.0	0.9	0.9	1.2	1.3	1.1	0.9	0.5	5.6	2.6	2.9	3.2	3.4	4.6	3.3	2.3
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.1	3.5	1.5	1.5	1.3	1.1	0.9	0.8	0.7
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	0.9	0.1	0.1	0.1	0.1	0.1	...	...	0.8	0.2	0.2	0.2	0.4	0.4	...	...
Papua New Guinea	1.0	0.4	0.6	0.5	0.7	1.0	0.9	0.3	4.8	2.1	2.0	2.0	2.0	1.3	0.1	1.5
Samoa	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Solomon Islands	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.3	5.0	0.7	0.9	1.0	1.3	1.5	1.6	1.2
Tonga	1.5	2.5	2.5	2.4	2.4	2.5	2.6	...	3.0	4.9	5.3	5.4	5.2	4.8	4.8	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Developed ADB Member Economies																
Australia ^l	4.5	2.0	1.6	1.7	1.0	0.6	0.2	0.1	6.0	2.5	2.4	2.3	2.2	1.8	0.8	0.3
Japan ^m	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand ⁿ	...	...	...	...	...	...	...	...	4.7	3.3	3.3	3.3	3.3	2.6	0.8	1.5

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

a Refers to interest rate on time deposits of 12 months, unless otherwise indicated.

b Refers to deposits allocated with maturity of more than 1 year.

c Refers to interest rates on deposits of more than 12 months.

d Refers to weighted average interest rate on all time household savings deposits and time deposits from 181 to 365 days.

e Refers to weighted averages of interest rates on newly extended time and savings deposits of commercial and specialized banks.

f Rates for savings deposits include both demand and time deposits. Rates for time deposits refer to the time deposit rate.

g Refers to savings bank accounts with checking facilities.

h For savings deposits, actual range of rates for 2015–2016 is 5.0%–7.0%; for 2017, 5.0%–6.0%; for 2019 and 2020, 5.0%–5.75%; and for 2021, from 5.0% to 5.6%. For time deposits, rate refers to fixed deposits of 1 year to less than 2 years for 2010 and actual range of rates is 4.5%–6.5%; for 2015–2017, 6.5%–7.5%; for 2018 and 2019, 6.0%–9.5%; for 2020, 6.0%–9.1%; and for 2021, 6.5%–9.1%.

i Refers to time deposits of 6 months to 1 year (local currency). Figures represent a weighted average.

j Rates for savings deposits refer to the annual percentage equivalent of commercial banks' actual monthly interest expenses on peso-savings deposits to the total outstanding levels of these deposits. Rates for time deposits refer to rates charged on interest-bearing deposits with maturities of over 1 year.

k For 2010, the rate for time deposit refers to maximum interest per annum for state enterprise deposits.

l Refers to interest rates of online savings deposits.

m Refers to savings deposits of at least ¥0.3 million, calculated as the arithmetic average of weekly figures. Refers to time deposits from 12 months to less than 2 years, calculated as the arithmetic average of the monthly figures.

n Refers to interest rate on time deposits of 6 months.

Sources: Economies' official sources. For the People's Republic of China: CEIC Database. <https://www.ceicdata.com/en> (accessed 8 July 2022).

Table 2.3.8: Yield on Short-Term Treasury Bills and Lending Interest Rates
(% per annum, period averages)

ADB Regional Member	Yield on Short-Term Treasury Bills ^a				Lending Interest Rates			
	2010	2015	2020	2021	2010	2015	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	15.6	15.0	...	...
Armenia ^b	10.6	12.9	5.8	7.8	19.2	17.6	11.6	11.8
Azerbaijan	1.8	13.0 (2016)	...	...	20.7	17.5	17.2	16.4
Georgia	9.6	8.8	8.6	8.9	15.8	12.5	11.8	12.5
Kazakhstan ^c	3.2	4.0	10.7	9.6	...	...	...	...
Kyrgyz Republic	10.4	12.8	5.9	7.1	23.7	23.6	17.0	16.6
Pakistan ^d	12.5	7.1	8.6	7.6	14.0	10.2	10.8	8.7
Tajikistan ^e	6.7	0.8	...	...	23.4	25.8	23.5 (2019)	...
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	...	...	13.9	13.3	...	13.8	22.3	21.4
East Asia								
China, People's Republic of ^f	2.6	4.8 (2014)	...	...	5.8	4.4	4.4	4.4
Hong Kong, China ^g	0.2	0.0	0.4	0.0	5.0	5.0	5.0	5.0
Korea, Republic of ^h	2.7	1.8	0.9	0.9	5.5	3.5	2.8	2.9
Mongolia ⁱ	12.9 (2012)	14.5	...	...	20.1	19.6	16.9	...
Taipei, China ^j	0.3	0.4	0.3	0.2	2.7	2.8	2.4	2.4
South Asia								
Bangladesh ^e	4.5	5.8	4.8	1.3	12.2	11.7	8.3	7.3
Bhutan ^e	2.0	0.1	2.8	0.4	13.9	14.9	14.0	14.0
India ^{e,k}	6.2	7.4	3.3	3.5	8.3	10.0	9.2	8.7
Maldives ^l	4.9	6.8	3.5	3.5	10.4	11.1	11.6	11.6
Nepal ^e	6.9	0.7	1.9	3.1	...	...	...	...
Sri Lanka ^m	8.6	6.7	9.1 (2019)	...	10.2	7.0	11.2 (2019)	...
Southeast Asia								
Brunei Darussalam	...	...	...	...	5.5	5.5	5.5	5.5
Cambodia	...	...	...	...	...	...	...	...
Indonesia	7.0	8.3	5.5	3.7	13.3	12.7	9.5	8.9
Lao People's Democratic Republic ⁿ	8.0	...	...	...	22.6	...	...	...
Malaysia	2.6	3.1	2.0	1.8	5.0	4.6	3.9	3.4
Myanmar	...	...	...	...	20.9	16.0	14.8	...
Philippines ^e	3.5	1.7	2.0	1.1	7.7	5.6	7.1 (2019)	...
Singapore	0.3	0.3 (2013)	...	...	5.4	5.4	5.3	5.3
Thailand ^e	1.4	1.6	0.6	0.4	4.3	4.7	3.3	3.1
Timor-Leste	...	...	...	...	11.0 (2011)	13.5	14.1	11.2
Viet Nam ^o	11.1	4.2	...	...	13.1	7.1	7.6	7.8
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji ^e	3.4	1.2	1.8	0.6	7.5	5.8	6.2	5.9
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	15.1	15.7	14.5	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea ^p	4.6	5.3	6.1 (2019)	...	10.4	8.7	8.7 (2019)	...
Samoa	...	...	...	...	10.7	9.5	8.7	8.5
Solomon Islands ^e	3.7	0.5	0.5	0.5	14.4	10.5	10.7	5.2
Tonga	...	...	...	...	9.9 (2012)	8.2	7.8	7.8
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	5.5	3.6	2.1	...
Developed ADB Member Economies								
Australia ^q	4.7	2.3	0.3	0.0	7.3	5.6	5.1 (2019)	...
Japan	0.4	0.2	-0.0	-0.1	1.6	1.1	...	...
New Zealand	2.8	3.0	0.4	0.4	6.3	5.8	- (2018)	...

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

a Refers to 3-month Treasury bills, unless otherwise indicated.

b Refers to average yield on 9-month to 12-month Treasury bills since March 2001.

c Refers to short-term Treasury bills with maturities of 3, 6, 9, and 12 months.

d Refers to weighted average yield on 6-month Treasury securities.

e Refers to 91-day Treasury bills.

f Refers to 3-month Treasury bonds trading rate.

g Refers to annualized yields on 91-day Exchange Fund bills.

h Refers to 91-day certificates of deposit.

i Refers to weighted average rate on Treasury bills of all maturities. From December 2012 onward, refers to yield on 12-week Treasury bills.

j Refers to prime lending rates.

k Figures are for fiscal year ending March.

l Refers to rate on 28-day Treasury bills.

m Refers to weighted average rate on the last monthly issuance of 364-day Treasury bills since December 2001.

n Refers to weighted average auction rate for 12-month Treasury bills.

o Refers to average monthly yield on 360-day Treasury bills sold at auction.

p Refers to rate on 182-day Treasury bills.

q Refers to estimated closing yield in the secondary market on 13-week Treasury notes.

Sources: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 6 July 2022); and Organisation for Economic Co-operation and Development. Main Economic Indicators. <https://stats.oecd.org/> (accessed 6 July 2022). For Bhutan; India; Kazakhstan; and Taipei, China: Economies' official sources. For Malaysia for 2017–2021: Bank Negara Malaysia. Monthly Highlights and Statistics. <https://www.bnm.gov.my/-/monthly-highlights-statistics-in-may-2022> (accessed 6 July 2022).

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Table 2.3.9: Domestic Credit Provided by Banking Sector, and Bank Nonperforming Loans

ADB Regional Member	Domestic Credit Provided by Banking Sector ^a (% of GDP)					Bank Nonperforming Loans ^b (% of total gross loans)					
	2010	2015	2018	2019	2020	2010	2015	2018	2019	2020	2021
Developing ADB Member Economies											
Central and West Asia											
Afghanistan	...	...	...	...	...	49.9	12.1	8.9	...	...	...
Armenia	27.8	48.3	62.4	65.4	83.4	3.0	7.9	4.8	5.5	6.6	...
Azerbaijan	...	28.1 (2016)	13.1	14.6	15.4	...	...	...	...	...	...
Georgia	33.8	53.8	66.3	70.9	83.3	5.9	2.7	2.7	1.9	2.3	1.9
Kazakhstan	...	45.7	36.3	35.0	40.2	20.9	8.0	7.4	8.1	6.9	...
Kyrgyz Republic	...	...	...	...	...	14.8	6.7	7.3	7.7	10.1	10.8
Pakistan	...	...	...	...	...	14.7	11.4	8.0	8.6	9.2	7.9
Tajikistan	7.6	19.7	15.3	15.5	13.6	6.1	26.3	31.1	27.0	23.8	13.7
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	1.0	1.5	1.3	1.5	2.1	5.1
East Asia											
China, People's Republic of	...	...	...	...	...	1.1	1.7	1.8	1.9	1.8	...
Hong Kong, China	...	...	...	...	...	0.8	0.7	0.5	0.6	0.9	...
Korea, Republic of	...	...	...	...	...	0.6	0.5	0.3	0.3	0.2	...
Mongolia	...	...	...	...	...	...	...	...	...	...	...
Taipei, China	0.9	...	...	...	...	0.6	0.2	0.2	0.2	0.2	0.2
South Asia											
Bangladesh	...	...	...	...	...	1.9 (2011)	8.4	9.9	8.9	7.7	...
Bhutan	...	...	...	...	...	5.2	6.6	7.0	8.4	...	...
India	...	...	...	...	...	2.7 (2011)	5.9	9.5	9.2	7.9	...
Maldives	76.9	61.3	64.7	64.9	124.9	20.9 (2012)	14.1	8.9	9.4	8.3	...
Nepal	...	...	...	...	...	...	1.7 (2016)	1.6	1.7	1.7	...
Sri Lanka	...	...	...	...	...	3.8 (2011)	3.2	3.4	4.7	4.9	...
Southeast Asia											
Brunei Darussalam	22.7	40.0	27.7	29.5	66.1	6.9	4.0	3.9	3.9	3.9	3.1
Cambodia	...	...	...	...	...	3.1	1.6	2.0	1.6	1.8	1.7
Indonesia	34.2	46.8	47.2	46.5	53.7	2.3	2.3	2.2	2.3	2.6	2.6
Lao People's Democratic Republic	...	...	...	...	...	...	...	...	...	...	...
Malaysia	...	...	...	...	...	3.4	1.6	1.5	1.5	1.6	1.4
Myanmar	...	...	...	...	...	...	...	...	...	...	...
Philippines	...	82.3 (2017)	82.9	86.5	100.3	3.3	1.9	1.7	2.0	3.5	...
Singapore	...	...	...	...	...	1.4	0.9	1.3	1.3	...	...
Thailand	133.4	171.2	166.4	169.0	194.8	3.9	2.7	3.1	3.1	3.2	...
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...
Viet Nam	...	...	...	...	...	2.1	2.8	2.1	1.8	1.9	...
The Pacific											
Cook Islands	...	...	...	...	...	...	...	...	...	...	...
Fiji	131.7	111.4	124.7	135.3	169.5	4.4	1.4	3.1	3.8	6.2	...
Kiribati	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	0.2	0.3	0.3	0.1	...
Nauru	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	23.7	40.5	36.5	37.3	40.3	1.9	3.1	3.7	3.8	5.3	6.2
Samoa	61.5	75.8	80.3	82.5	82.3	...	3.7 (2016)	3.6	4.0	3.8	...
Solomon Islands	21.5	21.5	25.0	26.4	27.3	9.3	4.1	7.1	10.4	10.8	...
Tonga	...	...	...	...	...	14.4 (2012)	7.7	3.6	3.2	3.7	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	4.8	12.3	15.0 (2017)	...	...	...
Developed ADB Member Economies											
Australia	...	...	...	...	...	2.1	0.9	0.9	1.0	1.1	0.9
Japan	311.5	339.3	348.4	359.7	390.6	...	...	...	...	...	...
New Zealand	...	160.1	163.5	167.5	185.7	...	...	...	...	...	...

... = data not available, ADB = Asian Development Bank, GDP = gross domestic product.

- a Domestic credit provided by the financial sector includes all credit to various sectors on a gross basis, with the exception of credit to the central government, which is net. The financial sector includes monetary authorities and deposit money banks, as well as other financial corporations where data are available (including corporations that do not accept transferable deposits, but do incur such liabilities as time and savings deposits). Examples of other financial corporations are finance and leasing companies, money lenders, insurance corporations, pension funds, and foreign exchange companies.
- b Bank nonperforming loans to total gross loans are the value of nonperforming loans divided by the total value of the loan portfolio (including nonperforming loans before the deduction of specific loan-loss provisions). The loan amount recorded as nonperforming should be the gross value of the loan as recorded on the balance sheet, not just the amount that is overdue.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 7 July 2022). For Taipei, China: Central bank of Taipei, China. <http://www.cbc.gov.tw> (accessed 7 July 2022).

Table 2.3.10: Growth Rates of Stock Market Price Index

(%)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...
Azerbaijan	...	...	...	...	...	...	...	...
Georgia	...	...	...	...	...	...	...	...
Kazakhstan	...	...	...	...	...	...	...	...
Kyrgyz Republic	...	...	...	...	...	...	...	...
Pakistan ^a	28.2	2.1	45.7	...	...	...	...	...
Tajikistan	...	...	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	-0.5	0.7	-42.7	8.6	40.0
East Asia								
China, People's Republic of	3.4	66.0	-19.0	6.7	...	...	...	...
Hong Kong, China	19.3	4.8	-12.0	22.3	10.2	-4.3	-8.4	7.3
Korea, Republic of	23.6	1.4	-1.2	16.5	0.5	-9.4	5.4	40.1
Mongolia	88.7	-14.6	-14.0	33.5	30.5	-0.8	-13.0	...
Taipei, China	23.1	-0.4	-2.2	16.5	4.0	1.6	11.9	40.3
South Asia								
Bangladesh ^a	82.8	-4.8	8.8	24.0	-13.8	-17.3	21.3	25.1
Bhutan	...	...	...	...	...	...	...	...
India	29.8	10.9	-3.6	8.6	...	...	...	...
Maldives	-20.4	8.9	4.8	7.4	6.8	5.2	7.7	0.0
Nepal	...	...	...	...	...	...	...	...
Sri Lanka ^a	96.0	-5.5	-9.7	2.3	-5.0	1.3	...	...
Southeast Asia								
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...
Indonesia ^a	46.1	-12.1	15.3	20.0	-2.5	1.7	-5.1	10.1
Lao People's Democratic Republic	...	...	...	...	...	...	...	...
Malaysia	27.1	-6.1	-3.8	5.0	2.2	-8.4	-7.3	3.3
Myanmar	...	...	...	...	...	...	...	...
Philippines	43.1	5.5	0.9	8.0	0.1	2.8	-21.1	8.5
Singapore	30.3	-2.5	-11.6	10.3	...	...	...	...
Thailand	45.6	0.2	-2.1	12.7	6.6	-4.7	-18.1	17.6
Timor-Leste	...	...	...	...	...	...	...	...
Viet Nam ^a	12.2	6.1	14.8	...	...	...	...	...
The Pacific								
Cook Islands	...	...	...	...	...	...	...	...
Fiji	-11.1	22.0	26.4	22.4	57.6	45.0	1.5	-11.2
Kiribati	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	26.2	-6.3	...	...	7.5	-2.9	...	...
Samoa	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...
Developed ADB Member Economies								
Australia ^a	-2.6	-2.1	7.0	7.0	-6.9	...	...	...
Japan	2.0	22.7	-12.6	...	...	...	...	...
New Zealand	9.7	12.7	17.4	11.1	14.8	18.0	12.3	10.8

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

Note: All data in the table refer to growth rates of stock market prices (period average), unless otherwise indicated.

a Refers to growth rates of end-of-period stock market prices.

Sources: Asian Development Bank estimates using data from the International Monetary Fund's International Financial Statistics. <http://data.imf.org/IFS> (accessed 8 July 2022). For Taipei, China: Annual statistics from the stock exchange corporation in Taipei, China. <http://www.twse.com.tw/en/statistics/> (accessed 8 July 2022).

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Table 2.3.11: Stock Market Capitalization

ADB Regional Member	Stock Market Capitalization (\$ million)							Stock Market Capitalization (% of GDP)						
	2010	2015	2016	2017	2018	2019	2020	2010	2015	2016	2017	2018	2019	2020
Developing ADB Member Economies														
Central and West Asia														
Afghanistan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Armenia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Azerbaijan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Georgia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kazakhstan	26,672.7	34,891.9	40,161.2	45,558.3	37,005.3	44,972.4	45,202.4	18.0	18.9	29.3	27.3	20.6	24.8	26.4
Kyrgyz Republic	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakistan	38,007.2	...	...	...	...	...	...	21.5	...	...	...	...	...	...
Tajikistan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Asia														
China, People's Republic of	4,027,840.3	8,188,019.3	7,320,738.4	8,711,267.2	6,324,879.8	8,515,504.4	12,214,465.6	66.2	74.0	65.2	70.8	45.5	59.6	83.2
Hong Kong, China	2,711,316.2	3,184,874.2	3,193,235.5	4,350,514.6	3,819,215.4	4,899,234.6	6,130,420.4	1,185.9	1,029.4	995.2	1,274.8	1,055.8	1,349.5	1,777.5
Korea, Republic of	1,091,911.5	1,231,199.8	1,254,541.2	1,771,767.9	1,413,716.5	1,484,840.3	2,176,189.5	95.4	84.0	83.6	109.1	82.0	89.9	132.9
Mongolia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taipei, China	752,520.1	768,179.4	843,120.6	1,045,758.6	972,241.3	1,177,469.7	1,518,132.7	169.4	143.7	155.2	177.0	159.6	192.6	226.8
South Asia														
Bangladesh	41,616.9	65,484.9	70,419.4	86,178.8	77,390.5	64,416.5	89,773.7	36.1	33.6	26.5	29.3	24.1	18.3	24.0
Bhutan	219.0	374.0	338.5	392.8	515.1	730.1	640.4	14.1	18.7	15.7	16.0	21.1	28.8	27.7
India	1,762,461.9	1,745,169.2	1,746,297.4	2,555,988.8	2,282,310.5	2,286,924.5	2,595,465.6	105.2	83.0	76.1	96.4	84.4	80.8	97.3
Maldives	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nepal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sri Lanka	19,923.9	20,804.1	18,678.8	18,959.5	15,575.0	15,720.5	15,981.9	35.1	25.8	22.7	21.7	17.7	18.7	19.7
Southeast Asia														
Brunei Darussalam	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Indonesia	360,388.1	353,271.0	425,767.8	520,686.7	486,765.9	523,321.9	496,086.1	47.7	41.0	45.7	51.3	46.7	46.8	46.9
Lao People's Democratic Republic	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia	408,689.1	382,976.7	359,788.3	455,772.5	398,018.7	403,957.4	436,537.9	160.3	127.1	119.4	142.8	110.9	110.6	129.5
Myanmar	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Philippines	157,320.5	238,819.9	239,738.0	290,401.4	258,155.7	275,302.2	272,790.3	75.5	77.9	75.2	88.4	74.4	73.1	75.4
Singapore	647,226.4	639,955.9	640,427.5	787,255.3	687,257.2	697,271.3	652,614.7	269.9	207.8	200.9	229.4	182.3	185.7	189.0
Thailand	277,731.7	348,798.0	432,956.2	548,795.4	500,741.0	569,228.3	543,164.6	81.4	86.9	104.7	120.3	98.8	104.6	108.7
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Viet Nam	36,855.0	58,734.0	73,222.2	125,310.0	132,653.0	149,817.3	186,008.5	25.0	24.5	28.5	44.5	43.0	45.3	54.2
The Pacific														
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	11,027.3	1,718.9	1,643.1	1,681.6	...	...	...	77.4	7.9	7.9	7.4	...	...	...
Samoa	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Developed ADB Member Economies														
Australia	1,454,490.6	1,187,083.5	1,268,493.5	1,508,462.8	1,262,800.3	1,487,598.5	1,720,556.2	126.7	87.9	105.1	113.7	88.4	106.9	129.6
Japan	3,827,774.2	4,894,919.1	4,955,299.7	6,222,825.2	5,296,811.1	6,191,073.3	6,718,219.6	66.5	110.1	99.0	126.2	105.1	120.8	133.3
New Zealand	35,506.9 (2009)	74,350.5	80,048.5	94,691.3	86,132.6	107,879.8	132,198.5	29.3 (2009)	41.8	42.4	45.8	40.6	50.5	62.4

... = data not available, \$ = United States dollars, ADB = Asian Development Bank, GDP = gross domestic product.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 9 July 2022). For Bhutan and Taipei, China: Asian Development Bank estimates using data from economies' official sources.

Exchange Rates

Table 2.3.12: Official Exchange Rates
(local currency units per \$, period averages)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan	46.5	61.1	67.9	68.0	72.1	77.7	76.8	83.6
Armenia	373.7	477.9	480.5	482.7	483.0	480.4	489.0	503.8
Azerbaijan	0.8	1.0	1.6	1.7	1.7	1.7	1.7	1.7
Georgia	1.8	2.3	2.4	2.5	2.5	2.8	3.1	3.2
Kazakhstan	147.4	221.7	342.2	326.0	344.7	382.7	413.0	425.9
Kyrgyz Republic	46.0	64.5	69.9	68.9	68.8	69.8	77.3	84.6
Pakistan	85.2	102.8	104.8	105.5	121.8	150.0	161.8	162.9
Tajikistan	4.4	6.2	7.8	8.5	9.2	9.5	10.3	11.3
Turkmenistan	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Uzbekistan ^a	1,578.4	2,568.0	2,965.3	5,113.9	8,069.6	8,836.8	10,054.3	10,609.5
East Asia								
China, People's Republic of	6.8	6.2	6.6	6.8	6.6	6.9	6.9	6.4
Hong Kong, China	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Korea, Republic of	1,156.5	1,131.0	1,160.8	1,131.0	1,100.2	1,165.4	1,180.3	1,144.0
Mongolia	1,357.1	1,970.3	2,140.3	2,439.8	2,472.5	2,663.5	2,813.3	2,849.3
Taipei, China	31.6	31.9	32.3	30.4	30.2	30.9	29.6	28.0
South Asia								
Bangladesh	69.6	77.9	78.5	80.4	83.5	84.5	84.9	85.1
Bhutan	45.7	64.2	67.2	65.1	68.4	70.4	74.1	73.9
India	45.7	64.2	67.2	65.1	68.4	70.4	74.1	73.9
Maldives	12.8	15.4	15.4	15.4	15.4	15.4	15.4	15.4
Nepal	73.3	102.4	107.4	104.5	108.9	112.6	118.3	118.1
Sri Lanka	113.1	135.9	145.6	152.4	162.5	178.7	185.6	200.2
Southeast Asia								
Brunei Darussalam	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3
Cambodia	4,184.9	4,067.8	4,058.7	4,050.6	4,051.2	4,061.1	4,092.8	4,098.7
Indonesia	9,090.4	13,389.4	13,308.3	13,380.8	14,236.9	14,147.7	14,582.2	14,308.1
Lao People's Democratic Republic	8,254.2	8,127.6	8,124.4	8,244.8	8,401.3	8,679.4	9,045.8	9,697.9
Malaysia	3.2	3.9	4.1	4.3	4.0	4.1	4.2	4.1
Myanmar ^b	5.6	1,162.6	1,234.9	1,360.4	1,429.8	1,518.3	1,381.6	1,615.7
Philippines	45.1	45.5	47.5	50.4	52.7	51.8	49.6	49.3
Singapore	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3
Thailand	31.7	34.2	35.3	33.9	32.3	31.0	31.3	32.0
Timor-Leste ^c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Viet Nam	18,612.9	21,697.6	21,935.0	22,370.1	22,602.1	23,050.2	23,208.4	23,159.8
The Pacific								
Cook Islands ^d	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4
Fiji	1.9	2.1	2.1	2.1	2.1	2.2	2.2	2.1
Kiribati	1.1	1.3	1.3	1.3	1.3	1.4	1.5	1.3
Marshall Islands ^c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Micronesia, Federated States of ^c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Nauru	1.1	1.3	1.3	1.3	1.3	1.4	1.5	1.3
Niue ^d	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4
Palau ^c	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Papua New Guinea	2.7	2.8	3.1	3.2	3.3	3.4	3.5	3.5
Samoa	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.6
Solomon Islands	8.1	7.9	7.9	7.9	8.0	8.2	8.2	8.0
Tonga	1.9	2.1	2.2	2.2	2.2	2.3	2.3	2.3
Tuvalu ^e	1.1	1.3	1.3	1.3	1.3	1.4	1.5	1.3
Vanuatu	96.9	109.0	108.5	107.8	110.2	114.7	115.4	109.5
Developed ADB Member Economies								
Australia	1.1	1.3	1.3	1.3	1.3	1.4	1.5	1.3
Japan	87.8	121.0	108.8	112.2	110.4	109.0	106.8	109.8
New Zealand	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4

\$ = United States (US) dollars, ADB = Asian Development Bank.

a Data show weighted averages of the official, bank, and parallel market rates.

b Beginning 1 April 2012, the Central Bank of Myanmar adopted the managed float exchange rate regime for kyat vis-à-vis the US dollar.

c Unit of currency is the US dollar.

d Unit of currency is the New Zealand dollar.

e Unit of currency is the Australian dollar.

Source: International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 28 June 2022). For Afghanistan for 2021: Asian Development Bank. *Asian Development Outlook 2022*. <https://www.adb.org/publications/series/asian-development-outlook> (accessed 28 June 2022). For the Republic of the Marshall Islands: Economic Policy, Planning and Statistics Office. Official communication, 6 April 2022. For Sri Lanka for 2021: Central Bank of Sri Lanka. <https://www.cbsl.gov.lk/en/rates-and-indicators/exchange-rates> (accessed 20 May 2022). For Taipei, China: Central bank of Taipei, China. Official communication, 17 June 2022. For Turkmenistan for 2000–2009: United Nations Statistics Division. UN National Accounts Main Aggregates Database. <https://unstats.un.org/unsd/snaama/countryprofile> (accessed 1 May 2022), and for 2010–2021: Interstate Statistical Committee of the Commonwealth of Independent States. <http://www.cisstat.org/eng/index.htm> (accessed 1 May 2022). For Uzbekistan for 2000–2012: United Nations Statistics Division. UN National Accounts Main Aggregates Database. <https://unstats.un.org/unsd/snaama/countryprofile> (accessed 4 May 2022), and for 2013–2021: Central Bank of Uzbekistan. <https://cbu.uz/en/statistics/e-gdds/data/111573/> (accessed 4 May 2022).

Exchange Rates

Table 2.3.13: Purchasing Power Parity Conversion Factor
(local currency units per \$, period averages)

ADB Regional Member	2010	2011	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	14.55	16.61	17.02	17.45	17.21	17.15	17.95	19.12	...
Armenia	160.19	163.65	172.92	161.23	155.97	156.58	155.47	156.72	160.80
Azerbaijan	0.32	0.38	0.38	0.43	0.51	0.55	0.54	0.50	0.58
Georgia	0.76	0.81	0.75	0.75	0.80	0.82	0.85	0.90	0.96
Kazakhstan	69.52	82.09	100.35	110.82	121.25	129.33	136.75	140.81	149.54
Kyrgyz Republic	13.11	15.73	17.15	16.74	16.96	17.13	17.50	18.35	20.43
Pakistan	21.30	24.96	31.47	32.38	33.59	34.07	36.49	39.65	41.92
Tajikistan	1.41	1.56	1.91	2.03	2.23	2.23	2.27	2.28	2.37
Turkmenistan	1.29	1.43	1.64	1.61	1.62	1.60	1.65	...	...
Uzbekistan	505.24	602.00	1,058.68	1,179.96	1,432.91	1,777.09	2,058.55	2,270.92	2,475.95
East Asia									
China, People's Republic of	3.33	3.52	3.87	3.99	4.18	4.23	4.21	4.18	4.19
Hong Kong, China	5.14	5.23	5.83	5.93	6.01	6.09	6.10	6.06	5.85
Korea, Republic of	840.99	854.59	857.48	858.81	872.62	854.87	864.63	824.60	847.46
Mongolia	473.09	533.53	717.07	729.22	791.44	834.50	901.59	923.88	1,004.55
Taipei, China	15.81	15.15	15.48	15.78	15.73	15.27	14.98	14.99	14.83
South Asia									
Bangladesh	22.15	23.41	27.28	28.50	29.74	30.73	31.29	32.11	32.10
Bhutan	15.42	16.40	18.59	18.83	19.21	19.09	18.92	19.98	...
India	14.60	15.55	19.24	19.90	20.65	20.95	21.07	21.99	23.14
Maldives	7.12	7.86	8.28	8.13	8.16	8.22	7.99	7.92	7.58
Nepal	20.40	25.25	29.94	32.00	31.23	31.83	32.74	33.39	33.83
Sri Lanka	38.63	39.29	45.18	46.28	49.39	50.08	50.46	51.83	53.70
Southeast Asia									
Brunei Darussalam	0.60	0.71	0.69	0.67	0.65	0.69	0.66	0.58	0.64
Cambodia	1,354.17	1,371.24	1,395.92	1,402.13	1,428.35	1,438.44	1,458.88	1,431.82	1,392.46
Indonesia	3,336.63	3,512.75	4,353.33	4,518.10	4,695.66	4,761.21	4,752.31	4,675.22	4,758.70
Lao People's Democratic Republic	2,463.99	2,666.53	2,819.73	2,759.43	2,789.11	2,776.33	2,760.20	2,864.64	2,852.48
Malaysia	1.42	1.47	1.57	1.59	1.65	1.63	1.60	1.57	1.59
Myanmar	245.89	261.78	318.98	347.07	366.71	377.66	394.27	404.55	407.06
Philippines	17.78	18.10	19.00	18.95	19.39	19.64	19.43	19.52	19.17
Singapore	0.85	0.85	0.88	0.88	0.89	0.90	0.88	0.84	0.84
Thailand	12.19	12.39	12.64	12.73	12.84	12.72	12.63	12.31	12.04
Timor-Leste	0.42	0.45	0.46	0.43	0.41	0.39	0.42	0.35	0.33
Viet Nam	5,813.73	6,915.34	7,413.46	7,315.61	7,395.34	7,469.26	7,474.85	7,505.11	7,405.19
The Pacific									
Cook Islands	...	...	...	...	...	...	...	...	...
Fiji	0.89	0.95	0.91	0.94	0.94	0.93	0.94	0.91	0.87
Kiribati	0.97	0.96	0.98	1.03	1.04	1.03	0.99	1.01	...
Marshall Islands	0.89	0.94	0.92	0.98	0.99	0.97	0.97	1.00	1.00
Micronesia, Federated States of	0.88	0.88	0.87	0.89	0.94	1.01	1.00	1.00	0.98
Nauru	0.90	1.00	0.76	0.96	1.06	1.07	1.09	1.10	1.09
Niue	...	...	...	...	...	...	...	...	...
Palau	0.77	0.75	0.89	0.93	0.90	0.88	0.85	0.87	...
Papua New Guinea	1.82	1.86	1.87	1.90	2.01	2.15	2.14	2.23	2.30
Samoa	1.69	1.66	1.70	1.70	1.66	1.64	1.64	1.62	1.58
Solomon Islands	5.94	6.37	7.01	6.94	6.91	6.95	6.91	7.06	7.07
Tonga	1.48	1.45	1.46	1.49	1.54	1.58	1.68	1.60	...
Tuvalu	1.11	1.11	1.19	1.27	1.29	1.35	1.42	1.42	1.39
Vanuatu	99.82	100.51	103.72	104.31	107.86	108.72	110.31	110.96	109.91
Developed ADB Member Economies									
Australia	1.50	1.51	1.47	1.45	1.48	1.47	1.48	1.45	1.44
Japan	111.71	107.45	103.47	105.52	105.10	104.16	104.31	101.24	100.41
New Zealand	1.50	1.49	1.48	1.44	1.43	1.47	1.43	1.44	1.49

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: For 2011 and 2017, purchasing power parity (PPP) figures are based on results from the 2011 and 2017 benchmark cycles of the International Comparison Program (ICP). For 2010 (and years prior featured in the Key Indicators Database), PPPs are extrapolated from the revised 2011 ICP PPP estimates. For 2012–2016, figures are interpolated from the two ICP reference years 2011 and 2017. For 2017 onward, figures are extrapolated from the 2017 ICP PPPs or imputed based on a regression model.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 19 July 2022). For Taipei, China: for 2010 and 2018–2021, Asian Development Bank estimates using data from the economy's official sources and World Bank data; for 2011–2017, World Bank. DataBank: ICP 2017. <https://databank.worldbank.org/source/icp-2017> (accessed 20 July 2022).

Exchange Rates

Table 2.3.14: Price Level Indexes

(PPPs to official exchange rates, period averages, United States = 100)

ADB Regional Member	2010	2011	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	31.8	34.8	26.6	25.8	25.1	23.3	23.0	24.9	...
Armenia	42.9	43.9	36.2	33.6	32.3	32.4	32.4	32.0	31.9
Azerbaijan	39.8	48.6	36.8	27.0	29.4	32.6	31.9	29.2	34.0
Georgia	42.7	48.1	33.2	31.6	32.1	32.4	30.1	28.9	29.7
Kazakhstan	47.2	56.0	45.3	32.4	37.2	37.5	35.7	34.1	35.1
Kyrgyz Republic	28.5	34.1	26.6	23.9	24.6	24.9	25.1	23.7	24.1
Pakistan	25.4	29.2	31.0	31.0	32.0	31.0	26.7	25.1	26.2
Tajikistan	32.2	33.9	31.1	25.9	26.1	24.4	23.9	22.1	20.9
Turkmenistan	45.2	50.0	47.0	46.1	46.4	45.8	47.0	...	...
Uzbekistan	31.9	35.1	41.2	39.8	28.0	22.0	23.3	22.6	23.3
East Asia									
China, People's Republic of	49.2	54.5	62.2	60.0	61.9	63.9	60.9	60.6	64.9
Hong Kong, China	66.2	67.2	75.2	76.4	77.1	77.6	77.9	78.2	75.3
Korea, Republic of	72.7	77.1	75.8	74.0	77.2	77.7	74.2	69.9	74.1
Mongolia	34.9	42.2	36.4	34.1	32.4	33.8	33.8	32.8	35.3
Taipei, China	50.0	51.4	48.5	48.8	51.7	50.6	48.4	50.7	52.9
South Asia									
Bangladesh	32.0	32.9	35.1	36.4	37.6	37.4	37.2	37.9	37.9
Bhutan	33.7	35.1	29.0	28.0	29.5	27.9	26.9	27.0	...
India	32.0	32.4	29.4	29.7	32.0	30.0	29.7	29.6	31.1
Maldives	55.7	53.8	53.9	52.9	53.0	53.4	51.9	51.5	49.3
Nepal	27.4	34.9	30.1	30.1	29.4	30.5	29.0	28.7	28.7
Sri Lanka	34.2	35.5	33.3	31.8	32.4	30.8	28.2	27.9	27.0
Southeast Asia									
Brunei Darussalam	43.9	56.1	49.8	48.2	46.8	51.2	48.0	41.8	47.6
Cambodia	32.4	33.8	34.3	34.5	35.3	35.5	35.9	35.0	34.0
Indonesia	36.7	40.1	32.5	33.9	35.1	33.4	33.6	32.1	33.3
Lao People's Democratic Republic	29.9	33.2	34.7	34.0	33.8	33.0	31.8	31.7	29.4
Malaysia	44.1	47.9	40.1	38.4	38.5	40.3	38.6	37.3	38.4
Myanmar	25.2	32.9	29.2	28.2	27.2	27.3	25.7	28.3	27.3
Philippines	39.4	41.8	41.8	39.9	38.5	37.3	37.5	39.3	38.9
Singapore	62.7	67.3	64.0	63.6	64.2	66.4	64.3	60.9	62.5
Thailand	38.5	40.6	36.9	36.1	37.8	39.4	40.7	39.3	37.7
Timor-Leste	41.6	45.5	45.8	43.2	40.9	39.4	41.9	34.8	33.0
Viet Nam	31.2	33.7	34.2	33.4	33.1	33.0	32.4	32.3	32.0
The Pacific									
Cook Islands	...	...	...	...	...	...	...	...	...
Fiji	46.1	52.9	43.4	44.7	45.4	44.6	43.3	42.0	42.2
Kiribati	88.6	99.2	73.7	76.8	79.7	77.1	69.0	69.7	...
Marshall Islands	88.7	93.9	91.8	98.4	99.0	97.0	96.5	99.6	99.7
Micronesia, Federated States of	88.3	87.9	86.8	89.4	94.3	100.7	100.4	99.7	98.1
Nauru	79.6	98.5	63.4	69.8	79.7	83.2	78.2	73.8	81.1
Niue	...	...	...	...	...	...	...	...	...
Palau	77.0	74.9	89.1	92.9	90.2	88.0	84.8	87.3	...
Papua New Guinea	66.9	78.4	67.5	60.6	62.9	65.3	63.0	64.3	65.6
Samoa	66.5	69.6	70.0	65.0	65.7	64.1	62.6	60.1	61.4
Solomon Islands	73.7	83.4	88.6	87.4	87.6	87.3	84.5	86.0	88.0
Tonga	76.5	79.3	75.1	67.1	69.8	72.2	73.8	69.1	...
Tuvalu	102.2	114.5	89.4	94.7	99.2	100.7	98.6	97.4	104.1
Vanuatu	103.0	112.3	95.2	96.2	100.0	98.7	96.1	96.2	100.7
Developed ADB Member Economies									
Australia	132.4	149.0	122.6	105.6	111.4	114.0	106.0	96.9	107.4
Japan	127.3	134.6	85.5	97.0	93.7	94.3	95.7	94.8	91.5
New Zealand	107.9	117.4	103.1	100.3	101.7	101.7	94.1	93.1	105.1

... = data not available, ADB = Asian Development Bank, PPP = purchasing power parity.

Sources: World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators> (accessed 21 July 2022)
For Taipei, China: Asian Development Bank estimates using data from the economy's official sources and the World Bank's DataBank: ICP 2017.
<https://databank.worldbank.org/source/icp-2017> (accessed 20 July 2022).

Data Issues and Comparability

Not all reporting economies meet the standards and classifications of the International Monetary Fund (IMF) on the compilation of monetary and financial statistics available on the fund's Dissemination Standards Bulletin Board.⁴

Consumer price index coverage differs across economies. Most economies try to follow the Classification of Individual Consumption by Purpose guidelines, but the implementation varies across economies. In some instances, the basket of goods and services in the index is outdated or represents only urban areas (or the capital city). Other price measurements, such as the wholesale price index and the producer price index, are not available in Pacific economies.

Broad money supply in most economies relates to M2, which includes cash, checking deposits, savings deposits, money market securities, mutual funds, and other time deposits. However, 11 of the 44 economies with available data reported M3, thereby posing limits to comparability as M3 also includes less liquid financial assets. Not all economies publish the same types of aggregates, and even when aggregates have the same name (i.e., M1, M2, M3, etc.), their asset composition often differs significantly. For example, the definition of M2 in one economy may include time deposits with maturities of 1 year or less, whereas another economy's M2 definition may include time deposits with maturities of 2 years or less.

Finally, some economies use the central bank policy rate, while others use commercial bank rates in measuring banks' average deposit and lending rates.

⁴ For more information on the IMF's standards and classifications on the compilation of monetary and financial statistics, go to <http://dsbb.imf.org/Pages/SDDS/StatMethod.aspx>.

Balance of Payments

Table 2.4.1: Trade in Goods Balance
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	-27.3	-32.4	-31.4	-31.2	-28.0	-25.3	...
Armenia	-22.3	-11.2	-12.2	-13.8	-12.6	-10.7	...
Azerbaijan	37.3	11.0	15.0	20.9	17.7	5.9	20.6
Georgia	-21.5	-26.4	-23.4	-23.4	-21.4	-19.8	-20.1*
Kazakhstan	19.3	6.3	10.0	14.3	10.0	6.0	10.7*
Kyrgyz Republic	-27.8	-33.8	-31.3	-36.2	-29.6	-18.5	-27.5*
Pakistan	-6.5	-6.4	-7.7	-8.7	-8.6	-7.0	-8.1
Tajikistan	-43.9	-27.7	-20.1	-24.3	-23.1	-17.8	-19.5*
Turkmenistan	9.9	-5.3	...	...	...	...	...
Uzbekistan	1.8	-2.4	-3.6	-13.0	-12.2	-10.4	-12.9*
East Asia							
China, People's Republic of	3.9	5.2	3.9	2.7	2.8	3.5*	3.2*
Hong Kong, China	1.4	-7.4	-6.7	-8.9	-4.2	-1.5	0.7
Korea, Republic of	4.2	8.2	7.0	6.4	4.8	4.9	4.2
Mongolia	-2.4	4.8	13.0	5.1	8.2	13.2	8.6
Taipei, China	8.3	13.7	13.8	11.0	9.4	11.2	11.4
South Asia							
Bangladesh	-4.5	-3.6	-3.2	-5.7	-4.5	-5.0	-5.7*
Bhutan	-20.5	-22.3	-21.6	-17.5	-16.9	-9.8	-17.3*
India	-7.6	-6.2	-6.0	-6.7	-5.6	-3.8*	-6.0*
Maldives ^a	-40.9	-40.4	-40.2	-45.8	-42.8	-38.9	-42.2*
Nepal ^b	-25.5	-27.4	-29.1	-32.9	-33.3	-27.1	-31.8
Sri Lanka ^a	-8.2	-9.9	-10.2	-10.9	-9.0	-7.0	-9.2
Southeast Asia							
Brunei Darussalam	45.3	22.4	19.8	17.4	16.4	11.5	...
Cambodia	-23.9	-21.9	-19.3	-23.8	-26.8	-9.8	-41.8
Indonesia	4.1	1.6	1.9	-0.0	0.3	2.7	3.7
Lao People's Democratic Republic ^a	-4.7	-14.0	-4.7	-5.0	-2.5	3.9	7.2
Malaysia	15.1	9.3	8.5	7.9	8.2	9.8	11.1
Myanmar ^a	0.1	-6.1	-9.5	-6.3	...	...	...
Philippines	-8.1	-7.6	-12.2	-14.7	-13.1	-9.3*	-13.7*
Singapore	26.4	30.1	29.4	27.6	26.1	30.0	29.8
Thailand	7.8	6.5	7.1	4.4	4.9	8.2*	7.9*
Timor-Leste ^{a,c}	-31.8	-39.9	-38.1	-37.2	-11.1	6.2	...
Viet Nam ^a	-4.4	3.8	4.8	6.7	8.1*	11.3	...
The Pacific							
Cook Islands	-25.2	-30.2	-32.9	-30.2	-32.3	...	...
Fiji	-23.5	-19.5	-20.4	-24.4	-25.4	-14.8	...
Kiribati	-41.1	-52.6	-52.2	-46.8	-53.0	-53.9*	...
Marshall Islands	-49.4	-28.6	-25.6	-28.6	-54.8	-22.2	-28.6
Micronesia, Federated States of	-43.2	-40.4	-32.8	-32.0	...	...	...
Nauru	33.6 (2012)	-47.9	-30.8	-46.0	-45.7	-57.9*	-57.7*
Niue	-60.3	-40.2	-43.6	-41.4*	...	...	...
Palau	-45.7	-49.1	-48.5	-48.4	-51.7*	-0.0*	...
Papua New Guinea	15.5	27.0	30.3	29.0	30.2	24.3	27.9*
Samoa	-36.7	-32.0	-32.2	-32.5	-33.6	-29.8	-36.0
Solomon Islands	-15.2	-1.3	0.4	0.3	-2.3	-1.7	-6.2
Tonga ^c	-53.0	-70.4	-74.5	-80.5	-83.5	-81.3	...
Tuvalu ^c	-54.3	-88.5	-42.8	-40.7	-61.6	-52.2	-44.0
Vanuatu	-28.3	-37.0	-29.1	-26.2	-29.5	...	...
Developed ADB Member Economies							
Australia	-0.7	-0.8	0.8	0.7	2.7	3.6	3.7
Japan	1.9	-0.2	0.9	0.2	0.0	0.5	0.3
New Zealand	1.4	-1.0	-1.0	-1.5	-0.9	0.5	...

... = data not available, | = marks break in series due to change in compilation methodology, -0.0 or 0.0 = magnitude is less than half of unit employed, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

a Change in compilation methodology from the International Monetary Fund's Balance of Payments Manual (fifth edition) [BPM5] to the International Monetary Fund's Balance of Payments and International Investment Position Manual (sixth edition) [BPM6].

b Based on BPM5.

c From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

d Change in compilation methodology from BPM4 to BPM6.

Source: Economies' official sources.

Balance of Payments

Table 2.4.2: Trade in Services Balance
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	6.0	-1.8	-4.6	-3.4	-3.0	-2.0	...
Armenia	-2.8	-0.9	1.4	0.2	-0.5	0.8	...
Azerbaijan	-3.3	-8.0	-8.3	-4.4	-5.4	-6.7	-3.9
Georgia	4.5	9.4	12.5	12.7	12.4	0.8	3.9*
Kazakhstan	-4.9	-2.6	-2.1	-2.6	-2.0	-1.8	-1.0*
Kyrgyz Republic	-4.2	-3.3	-1.2	-1.6	0.7	-2.3	-2.6*
Pakistan	-1.0	-1.1	-1.4	-1.8	-1.5	-1.1	-0.6
Tajikistan	-0.5	-2.5	-1.6	-2.8	-3.0	-3.3	-4.4*
Turkmenistan	...	...	...	...	...	...	...
Uzbekistan	-2.5	-0.9	-3.0	-4.6	-3.8	-3.0	-3.6*
East Asia							
China, People's Republic of	-0.2	-2.0	-2.1	-2.1	-1.8	-1.0*	-0.6*
Hong Kong, China	4.4	9.8	7.7	8.7	5.8	3.5	4.1
Korea, Republic of	-1.2	-1.0	-2.3	-1.7	-1.6	-0.9	-0.2
Mongolia	-4.2	-6.2	-10.6	-15.0	-14.0	-10.9	-9.1
Taipei, China	-2.5	-2.0	-1.5	-1.1	-0.8	0.6	1.6
South Asia							
Bangladesh	-1.1	-1.6	-1.1	-1.3	-0.9	-0.7	-0.7*
Bhutan	-4.6	-3.5	-2.2	-1.6	-2.0	-2.9	-3.9*
India	2.6	3.3	2.9	3.0	3.0	3.3*	3.4*
Maldives ^a	34.8	49.6	36.4	36.1	36.5	21.1	51.2*
Nepal ^b	-1.3	1.1	0.1	0.0	-0.4	-0.0	-1.7
Sri Lanka ^a	1.2	2.7	3.5	4.0	3.2	1.0	1.8
Southeast Asia							
Brunei Darussalam	-5.9	-7.8	-5.7	-7.4	-8.8	-7.1	...
Cambodia	9.0	9.5	8.4	9.7	10.4	-1.0	-5.4
Indonesia	-1.3	-1.0	-0.7	-0.6	-0.7	-0.9	-1.2
Lao People's Democratic Republic ^a	2.4	-1.6	-2.0	-1.5	-0.4	-0.5	-0.5
Malaysia	0.8	-1.8	-1.7	-1.2	-0.7	-3.3	-4.0
Myanmar ^a	-0.0	2.2	1.5	1.8	...	...	...
Philippines	2.8	1.8	2.6	3.3	3.5	3.8*	3.6*
Singapore	-0.1	-2.8	-3.0	1.2	2.6	1.7	1.6
Thailand	-2.1	3.9	5.3	4.4	4.5	-2.9*	-7.9*
Timor-Leste ^{a,c}	-107.7	-36.5	-21.2	-22.1	-20.8	-20.8	...
Viet Nam ^a	-2.1	-2.5	-1.8	-1.6	-0.6	-3.8	...
The Pacific							
Cook Islands	41.4	54.2	67.0	65.3	62.7	...	...
Fiji	17.1	16.0	15.4	16.6	14.9	-1.9	...
Kiribati	-25.6	-39.6	-35.5	-30.1	-28.4	-16.2*	...
Marshall Islands	-19.9	-18.0	-19.0	-17.2	-18.2	-12.3	-11.9
Micronesia, Federated States of	-15.2	-10.8	-8.3	2.1	...	...	...
Nauru	-13.5	(2012)	8.4	13.1	8.7	5.8*	-7.9*
Niue	-40.5	13.0	16.5	21.1*	...	...	...
Palau	19.1	32.5	21.4	19.8	16.5*	-0.9*	...
Papua New Guinea	-17.2	-5.5	-5.7	-5.1	-5.2	-4.3	-4.4*
Samoa	14.3	15.1	17.2	19.2	20.5	-1.5	-2.6
Solomon Islands	-10.7	-5.8	-6.2	-4.6	-7.7	-6.6	-7.2
Tonga ^c	-2.1	1.2	5.8	6.7	6.3	3.8	...
Tuvalu ^c	-4.1	-82.3	-49.3	-38.8	-40.0	-40.0	-36.6
Vanuatu	22.3	13.5	19.0	23.1	20.8	...	...
Developed ADB Member Economies							
Australia	-0.2	-0.7	-0.3	-0.3	-0.3	0.3	0.7
Japan	-0.5	-0.4	-0.1	-0.2	-0.2	-0.7	-0.8
New Zealand	0.9	1.9	1.9	1.4	1.2	-0.9	...

... = data not available, | = marks break in series due to change in compilation methodology, -0.0 or 0.0 = magnitude is less than half of unit employed, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

a Change in compilation methodology from the International Monetary Fund's Balance of Payments Manual (fifth edition) [BPM5] to the International Monetary Fund's Balance of Payments and International Investment Position Manual (sixth edition) [BPM6].

b Based on BPM5.

c From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

d Change in compilation methodology from BPM4 to BPM6.

Source: Economies' official sources.

Balance of Payments

Table 2.4.3: Current Account Balance
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	-4.7	-20.3	-18.8	-21.2	-20.1	-15.5	...
Armenia	-13.6	-2.7	-1.5	-7.0	-7.3	-3.8	...
Azerbaijan	28.4	-0.4	4.1	12.8	9.1	-0.5	15.2
Georgia	-9.8	-11.8	-8.0	-6.8	-5.5	-12.4	-9.8*
Kazakhstan	0.9	-3.3	-3.1	-0.1	-4.0	-3.8	-3.0*
Kyrgyz Republic	-9.8	-16.2	-7.0	-11.6	-12.0	4.8	-8.7*
Pakistan	-2.2	-1.0	-3.6	-5.4	-4.2	-1.5	-0.6
Tajikistan	-10.3	-5.8	2.1	-4.9	-2.2	4.3	8.5*
Turkmenistan	-9.0	-17.3	...	...	...	...	0.6
Uzbekistan	5.0	1.0	2.4	-6.8	-5.6	-5.0	-6.9*
East Asia							
China, People's Republic of	3.9	2.6	1.5	0.2	0.7	1.7*	1.8*
Hong Kong, China	7.0	3.3	4.6	3.7	5.8	7.0	11.3
Korea, Republic of	2.4	7.2	4.6	4.5	3.6	4.6	4.9
Mongolia	-12.3	-8.2	-10.1	-16.7	-15.2	-5.1	-13.0
Taipei, China	8.3	13.6	14.1	11.6	10.6	14.2	14.8
South Asia							
Bangladesh	3.2	1.8	-0.5	-3.0	-1.3	-1.5	-1.1*
Bhutan	-24.3	-28.6	-25.1	-19.5	-21.2	-12.2	-22.0*
India	-2.9	-1.1	-1.8	-2.1	-0.9	0.9*	-1.2*
Maldives ^a	-13.8	-7.4	-21.6	-28.4	-26.6	-35.6	-9.2*
Nepal ^b	-2.3	4.5	-0.3	-7.1	-6.9	-0.9	-7.8
Sri Lanka ^a	-1.8	-2.2	-2.4	-3.0	-2.1	-1.4	-3.8
Southeast Asia							
Brunei Darussalam	36.5	16.6	16.4	6.9	6.6	4.5	...
Cambodia	-8.7	-8.9	-8.1	-11.8	-15.0	-8.5	-45.7
Indonesia	0.7	-2.0	-1.6	-2.9	-2.7	-0.4	0.3
Lao People's Democratic Republic ^a	0.4	-15.7	-7.4	-9.1	-7.0	-0.6	2.8
Malaysia	10.1	3.0	2.8	2.2	3.5	4.2	3.5
Myanmar ^a	0.0	-4.9	-7.9	-3.6	0.4*	-2.5*	-1.1*
Philippines	3.4	2.4	-0.7	-2.6	-0.8	3.2*	-1.8*
Singapore	22.9	18.7	17.3	15.2	14.5	16.8	18.1
Thailand	3.4	6.9	9.6	5.6	7.0	4.2	-2.2*
Timor-Leste ^{a,c}	180.2	12.8	-17.5	-12.1	3.9	-2.6	...
Viet Nam ^a	-3.7	-1.1	-0.7	2.4	4.6	5.6	...
The Pacific							
Cook Islands	15.5	31.1	40.3	38.2	35.1	...	...
Fiji	-7.1	-3.5	-6.7	-8.4	-12.6	-12.9	...
Kiribati	0.1	33.0	37.4	39.3	48.7	39.1*	...
Marshall Islands	-14.8	17.2	7.5	6.5	-24.4	20.5	5.8
Micronesia, Federated States of	-17.5	4.5	10.3	21.0	...	...	...
Nauru	38.1	(2012) -18.5	12.3	8.0	4.9	2.8*	4.1*
Niue	-53.9	11.1	14.9	15.7*	...	...	...
Palau	-9.3	-8.8	-19.0	-15.5	-26.9*	-48.3*	...
Papua New Guinea	-4.4	20.2	23.5	22.9	22.1	20.2	21.1*
Samoa	-4.8	-1.5	-1.0	2.7	3.7	-9.5	-13.3
Solomon Islands	-16.0	-2.7	-4.3	-3.0	-9.5	-1.6	-5.6
Tonga ^c	-8.7	-9.0	7.0	4.4	-0.5	10.9	...
Tuvalu ^c	-3.8	-48.7	8.4	66.2	-11.2	17.4	34.6
Vanuatu	-5.6	0.3	-4.4	12.2	13.6	...	...
Developed ADB Member Economies							
Australia	-5.0	-3.7	-2.3	-2.8	-0.7	1.8	3.3
Japan	3.8	3.1	4.1	3.5	3.4	2.9	2.9
New Zealand	-2.8	-2.5	-2.9	-3.7	-2.3	-2.5	...

... = data not available, | = marks break in series due to change in compilation methodology, -0.0 or 0.0 = magnitude is less than half of unit employed, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

a Change in compilation methodology from the International Monetary Fund's Balance of Payments Manual (fifth edition) [BPM5] to the International Monetary Fund's Balance of Payments and International Investment Position Manual (sixth edition) [BPM6].

b Based on BPM5.

c From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

d Change in compilation methodology from BPM4 to BPM6.

Source: Economies' official sources.

Balance of Payments

Table 2.4.4: Total Remittances, Inflows—Dollar Amounts
(\$ million)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020*
Developing ADB Member Economies							
Central and West Asia	21,317	32,975	34,043	37,562	39,846	41,920	43,485
Afghanistan	378	349	628	823	804	829	789
Armenia	1,669	1,491	1,382	1,539	1,488	1,528	1,327
Azerbaijan	1,410	1,270	643	1,133	1,226	1,275	1,403
Georgia	1,184	1,459	1,521	1,794	2,034	2,258	2,110
Kazakhstan	226	294	384	560	618	506	374
Kyrgyz Republic	1,266	1,688	1,995	2,486	2,689	2,411	2,200
Pakistan	9,690	19,306	19,819	19,856	21,193	22,245	26,105
Tajikistan	2,021	2,259	1,867	2,237	2,183	2,322	2,187
Turkmenistan	35	16	9	4	2	1	1
Uzbekistan	3,438	4,843	5,795	7,130	7,610	8,546	6,989
East Asia	59,419	71,964	69,180	72,295	76,904	78,423	69,825
China, People's Republic of	52,460	63,938	61,000	63,876	67,414	68,398	59,507
Hong Kong, China	340	387	399	437	425	451	458
Korea, Republic of	5,854	6,464	6,524	6,526	7,125	7,166	7,413
Mongolia	266	261	260	273	441	561	549
Taipei, China	500	915	997	1,183	1,500	1,846	1,960 (2021)
South Asia	71,929	97,958	90,231	96,635	109,756	116,755	120,228
Bangladesh	10,850	15,296	13,574	13,502	15,566	18,364	21,750
Bhutan	8	20	34	43	58	57	83
India	53,480	68,910	62,744	68,967	78,790	83,332	83,149
Maldives	3	4	4	4	4	4	4
Nepal	3,464	6,730	6,612	6,928	8,294	8,250	8,102
Sri Lanka	4,123	7,000	7,262	7,190	7,043	6,749	7,140
Southeast Asia	43,120	63,438	65,738	69,364	74,784	77,977	75,227
Brunei Darussalam	...	...	...	...	...	...	...
Cambodia	557	1,185	1,199	1,287	1,431	1,525	1,272
Indonesia	6,916	9,659	8,907	8,990	11,215	11,666	9,651
Lao People's Democratic Republic	42	189	189	243	240	297	265
Malaysia	1,103	1,644	1,604	1,649	1,686	1,638	1,454
Myanmar	115	2,005	2,346	2,578	2,840	2,421	2,250
Philippines	21,557	29,799	31,142	32,810	33,809	35,167	34,913
Singapore	...	...	...	...	...	...	...
Thailand	4,433	5,895	6,270	6,720	7,466	8,162	8,067
Timor-Leste	137	62	80	87	96	100	155
Viet Nam	8,260	13,000	14,000	15,000	16,000	17,000	17,200
The Pacific^a	479	705	699	689	752	804	837
Cook Islands	...	...	...	...	...	...	...
Fiji	176	251	269	274	285	287	312
Kiribati	16	14	16	18	20	20	19
Marshall Islands	22	27	28	30	31	31	31
Micronesia, Federated States of	18	23	23	23	23	23	23
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau	2	2	2	2	2	2	2
Papua New Guinea	4	4	3	4	4	3	2
Samoa	139	130	130	136	147	147	150
Solomon Islands	14	19	20	16	20	25	28
Tonga	74	129	126	159	183	190	194
Tuvalu	4	4 (2013)	...	...	...	...	...
Vanuatu	12	105	81	26	35	75	76
Developed ADB Member Economies	3,919	6,031	6,415	6,985	6,751	6,623	6,464
Australia	1,864	2,175	2,057	2,002	1,861	1,752	1,192
Japan	1,684	3,325	3,830	4,443	4,369	4,374	4,875
New Zealand	371	532	528	540	520	497	397
DEVELOPING ADB MEMBER ECONOMIES^a	196,264	267,040	259,890	276,545	302,041	315,879	309,602
ALL ADB REGIONAL MEMBERS^a	200,183	273,071	266,306	283,530	308,793	322,502	316,066
WORLD^a	472,946	601,867	597,129	639,749	693,996	719,410	701,931

... = data not available, * = provisional or preliminary, \$ = United States dollars, ADB = Asian Development Bank.

Note: Figures are based on the International Monetary Fund's Balance of Payments and International Investment Position Manual (sixth edition).

a Includes only reporting economies with data corresponding to the year heading.

Source: World Bank. Migration and Remittances Data. <https://www.worldbank.org/en/topic/migrationremittancesdiasporaissues/brief/migration-remittances-data> (accessed 14 June 2022). For Taipei, China: Ministry of Finance R. O. C. Official communication, 7 July 2022; past communication.

Balance of Payments

Table 2.4.5: Total Remittances, Inflows—Proportion of Economic Activity
(% of GDP)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020*
Developing ADB Member Economies							
Central and West Asia^a	4.3	4.8	5.4	5.6	6.0	6.5	6.9
Afghanistan	2.4	1.7	3.5	4.4	4.4	4.4	3.9
Armenia	18.0	14.1	13.1	13.3	11.9	11.2	10.5
Azerbaijan	2.7	2.4	1.7	2.8	2.6	2.6	3.3
Georgia	9.7	9.8	10.0	11.0	11.6	12.9	13.3
Kazakhstan	0.2	0.2	0.3	0.3	0.3	0.3	0.2
Kyrgyz Republic	26.4	25.3	29.3	32.3	32.5	27.2	28.3
Pakistan ^b	5.6	7.2	6.3	5.9	6.6	7.6	8.9
Tajikistan	35.8	27.3	26.7	29.7	28.1	28.0	26.9
Turkmenistan	0.2	0.0	...	...	...	...	...
Uzbekistan	6.9	5.6	6.7	11.5	14.5	14.3	11.7
East Asia	0.8	0.5	0.5	0.5	0.5	0.5	0.4
China, People's Republic of	0.9	0.6	0.5	0.5	0.5	0.5	0.4
Hong Kong, China	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Korea, Republic of	0.5	0.4	0.4	0.4	0.4	0.4	0.5
Mongolia	3.7	2.2	2.3	2.4	3.3	3.9	4.1
Taipei, China	0.1	0.2	0.2	0.2	0.2	0.3	0.3 (2021)
South Asia^a	3.9	4.0	3.4	3.2	3.4	3.5	3.8
Bangladesh	9.5	7.9	5.1	4.7	4.9	5.3	5.8
Bhutan	0.5	1.0	1.6	1.8	2.4	2.2	3.6
India	3.2	3.2	2.7	2.6	2.9	2.9	3.1
Maldives	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nepal	21.3	28.4	27.2	23.5	26.1	24.1	24.5
Sri Lanka	7.0	8.2	8.3	7.6	7.5	7.6	8.4
Southeast Asia^a	2.5	2.9	2.9	2.8	2.9	2.8	2.8
Brunei Darussalam	...	...	...	...	...	...	...
Cambodia	5.0	6.6	6.0	5.8	5.8	5.6	4.9
Indonesia	0.9	1.1	1.0	0.9	1.1	1.0	0.9
Lao People's Democratic Republic	0.6	1.3	1.2	1.4	1.3	1.6	1.4
Malaysia	0.4	0.5	0.5	0.5	0.5	0.4	0.4
Myanmar	0.3 (2012)	3.2	3.9	4.2	4.4	3.5	...
Philippines	10.3	9.7	9.8	10.0	9.7	9.3	9.7
Singapore	...	...	...	...	...	...	...
Thailand	1.3	1.5	1.5	1.5	1.5	1.5	1.6
Timor-Leste	15.6	3.9	4.9	5.4	6.1	4.9	7.1
Viet Nam	7.1	6.7	6.8	6.7	6.5	6.5	6.3
The Pacific^a	2.3	2.3	2.3	2.1	2.2	2.2	2.3
Cook Islands	...	...	...	...	...	...	...
Fiji	5.6	5.4	5.5	5.1	5.1	5.2	7.0
Kiribati	10.1	8.2	9.1	9.5	10.2	11.3	10.5
Marshall Islands	13.7	14.8	14.1	14.3	14.2	13.1	12.7
Micronesia, Federated States of	6.1	7.4	7.0	6.4	5.8	...	...
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau	0.9	0.8	0.8	0.8	0.8	0.8	0.8
Papua New Guinea	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Samoa	19.8	15.8	14.9	15.4	16.5	16.1	18.1
Solomon Islands	1.6	1.4	1.5	1.1	1.2	1.6	1.8
Tonga	19.9	32.1	30.0	34.4	38.2	37.4	39.4
Tuvalu	12.5	10.9 (2013)	...	...	...	...	...
Vanuatu	1.8	14.3	10.3	3.0	3.8	8.0	...
Developed ADB Member Economies^a	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Australia	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Japan	0.0	0.1	0.1	0.1	0.1	0.1	0.1
New Zealand	0.3	0.3	0.3	0.3	0.2	0.2	0.2
DEVELOPING ADB MEMBER ECONOMIES^a	1.6	1.4	1.4	1.3	1.3	1.3	1.3
ALL ADB REGIONAL MEMBERS^a	1.0	1.1	1.0	1.0	1.0	1.1	1.0

... = data not available, | = marks break in series, 0.0 = magnitude is less than half of unit employed, * = provisional or preliminary, ADB = Asian Development Bank, GDP = gross domestic product.

a Aggregate percentages calculated using only reporting economies with data available for both remittances and GDP in the years specified in the column headings.

b For 2016 onward, GDP data are revised due to the 2015/2016 rebasing of national accounts.

Sources: Economies' official sources; and World Bank. Migration and Remittances Data. <https://www.worldbank.org/en/topic/migrationremittancesdiasporaissues/brief/migration-remittances-data> (accessed 24 June 2022). For Taipei, China: Ministry of Finance R. O. C. Official communication, 7 July 2022; past communication.

Balance of Payments

Table 2.4.6: Foreign Direct Investment, Net Inflows—Dollar Amounts
(\$ million)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	20,334	20,069	16,307	8,137	14,022	12,955	...
Afghanistan	191	169	52	119	23	13	...
Armenia	529	184	251	267	101	47	379
Azerbaijan	3,353	4,048	2,867	1,403	1,504	507	-1,708
Georgia	921	1,735	1,921	1,270	1,366	534	...
Kazakhstan	7,456	6,578	4,757	353	3,731	7,194	4,380
Kyrgyz Republic	473	1,144	-107	144	404	-402	...
Pakistan	2,022	1,673	2,496	1,737	2,234	2,057	2,102
Tajikistan	94	454	186	221	213	107	84
Turkmenistan	3,632	3,043	2,086	1,997	2,129	1,169	...
Uzbekistan	1,663	1,041	1,798	625	2,316	1,728	2,044
East Asia^a	340,093	430,126	314,609	353,649	265,787	387,085	366,744
China, People's Republic of	243,703	242,489	166,084	235,365	187,170	253,096	212,477
Hong Kong, China	82,709	181,047	125,717	97,036	58,299	117,452	132,041
Korea, Republic of	9,497	4,104	17,913	12,183	9,634	8,765	16,820
Mongolia	1,691	94	1,494	1,952	2,443	1,719	...
Taipei, China	2,492	2,391	3,401	7,114	8,240	6,053	5,406
South Asia^a	29,486	47,877	43,787	46,800	54,422	66,886	46,737
Bangladesh	1,232	2,831	1,810	2,422	1,908	1,525	1,389
Bhutan	75	6	-17	3	13	-3	...
India	27,397	44,009	39,966	42,117	50,611	64,362	44,708
Maldives	216	298	458	576	961	441	443
Nepal	88	52	196	68	186	127	196
Sri Lanka	478	680	1,373	1,614	743	434	...
Southeast Asia^a	108,413	132,976	171,491	153,933	181,812	123,080	...
Brunei Darussalam	481	171	468	516	373	566	...
Cambodia	1,404	1,823	2,788	3,213	3,663	3,625	3,483
Indonesia	15,292	19,779	20,510	18,910	24,994	19,175	20,948
Lao People's Democratic Republic	279	1,078	1,693	1,358	756	968	...
Malaysia	10,886	9,857	9,368	8,304	9,155	4,313	17,582
Myanmar	901	4,084	4,804	1,768	1,736	1,834	...
Philippines	1,070	5,639	10,256	9,949	8,671	6,822	10,518
Singapore	55,322	69,775	99,210	81,181	111,480	74,751	105,491
Thailand	14,747	8,928	8,285	13,186	4,790	-4,845	11,422
Timor-Leste	30	43	7	48	75	72	...
Viet Nam	8,000	11,800	14,100	15,500	16,120	15,800	15,660
The Pacific^a	435	545	668	1,733	-493	-621	...
Cook Islands	...	...	...	...	...	...	...
Fiji	178	205	388	469	322	239	404
Kiribati	-7	-1	1	-1	-1	3	...
Marshall Islands	-9	-5	6	10	4	7	...
Micronesia, Federated States of	0	1	...	...	...	...	...
Nauru	0	0	0	0	...	...	...
Niue	...	...	...	...	...	...	...
Palau	3	35	27	22	22	24	...
Papua New Guinea	36	214	161	1,135	-901	-935	...
Samoa	0	27	9	17	-2	4	9
Solomon Islands	166	32	43	25	33	9	...
Tonga	5	6	-6	20	2	4	0
Tuvalu	0	0	0	0	0	0	...
Vanuatu	63	31	38	38	27	24	...
Developed ADB Member Economies	42,938	52,072	69,391	89,130	81,983	83,976	60,393
Australia	35,211	46,893	48,199	61,325	39,101	18,404	29,155
Japan	7,441	5,252	18,802	25,289	39,961	61,515	27,322
New Zealand	286	-73	2,390	2,516	2,921	4,058	3,916
DEVELOPING ADB MEMBER ECONOMIES^a	498,761	631,593	546,861	564,252	515,549	589,385	606,281
ALL ADB REGIONAL MEMBERS^a	541,699	683,665	616,252	653,383	597,532	673,362	666,673
WORLD^a	1,927,819	2,721,473	2,199,485	936,221	1,506,375	1,256,907	...

... = data not available, -0 or 0 = magnitude is less than half of unit employed, \$ = United States dollars, ADB = Asian Development Bank.

Note: For any given year, a negative value for net inflows of foreign direct investment shows that the value of disinvestment by foreign investors was more than the value of capital newly invested in the reporting economy.

a Includes only reporting economies with data corresponding to the year heading.

Sources: World Bank. World Development Indicators. <http://data.worldbank.org/indicator/BX.KLT.DINV.CD.WD?locations=MH> (accessed 4 July 2022); and International Monetary Fund. Balance of Payments Analytic Presentation. <https://data.imf.org/regular.aspx?key=62805741> (accessed 5 July 2022). For Taipei, China: Central bank of Taipei, China. <https://www.cbc.gov.tw/ct.asp?xitem=1061&ctNode=535&mp=2> (accessed 4 July 2022).

Balance of Payments

Table 2.4.7: Foreign Direct Investment, Net Inflows—Proportion of Economic Activity
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	4.1	2.9	2.1	0.9	1.8	1.9	...
Afghanistan	1.2	0.8	0.3	0.6	0.1	0.1	...
Armenia	5.7	1.7	2.2	2.1	0.7	0.4	2.7
Azerbaijan	6.3	7.6	7.0	3.0	3.1	1.2	-3.1
Georgia	7.5	11.6	11.8	7.2	7.8	3.4	...
Kazakhstan	5.0	3.6	2.9	0.2	2.1	4.2	2.3
Kyrgyz Republic	9.9	17.1	-1.4	1.7	4.6	-5.2	...
Pakistan	1.2	0.6	0.7	0.5	0.8	0.7	0.6
Tajikistan	1.7	5.5	2.5	2.8	2.6	1.3	1.0
Turkmenistan	16.1	8.4	...	...	...	...	...
Uzbekistan	3.3	1.2	2.9	1.2	3.9	2.9	3.0
East Asia^a	4.3	3.2	2.1	2.1	1.6	2.2	1.8
China, People's Republic of	4.0	2.2	1.3	1.7	1.3	1.7	1.2
Hong Kong, China	36.2	58.5	36.8	26.8	16.1	34.1	35.8
Korea, Republic of	0.8	0.3	1.1	0.7	0.6	0.5	0.9
Mongolia	23.5	0.8	13.0	14.8	17.2	12.9	...
Taipei, China	0.6	0.4	0.6	1.2	1.3	0.9	0.7
South Asia^a	1.6	1.9	1.4	1.5	1.6	2.1	1.3
Bangladesh	1.1	1.5	0.6	0.8	0.5	0.4	0.3
Bhutan	4.9	0.3	-0.7	0.1	0.5	-0.1	...
India	1.6	2.1	1.5	1.5	1.8	2.4	1.4
Maldives	8.4	7.3	9.6	10.9	17.1	11.8	...
Nepal	0.5	0.2	0.7	0.2	0.5	0.4	0.5
Sri Lanka	0.8	0.8	1.5	1.7	0.8	0.5	...
Southeast Asia^a	5.5	5.4	6.1	5.1	5.7	4.1	...
Brunei Darussalam	3.5	1.3	3.9	3.8	2.8	4.7	...
Cambodia	12.5	10.1	12.6	13.1	13.5	14.0	12.9
Indonesia	2.0	2.3	2.0	1.8	2.2	1.8	1.8
Lao People's Democratic Republic	4.1	7.5	9.9	7.5	4.0	5.1	...
Malaysia	4.3	3.3	2.9	2.3	2.5	1.3	4.7
Myanmar	...	6.5	7.9	2.7	2.5	...	...
Philippines	0.5	1.8	3.1	2.9	2.3	1.9	2.7
Singapore	23.1	22.7	28.9	21.5	29.7	21.6	26.6
Thailand	4.3	2.2	1.8	2.6	0.9	-1.0	2.3
Timor-Leste ^b	3.4	2.7	0.4	3.0	3.6	3.3	...
Viet Nam	6.9	6.1	6.3	6.3	6.2	5.8	4.3
The Pacific^a	2.1	1.8	2.0	5.0	-1.4	-2.0	...
Cook Islands	...	...	...	...	...	...	...
Fiji	5.7	4.4	7.2	8.4	5.9	5.3	...
Kiribati	-4.3	-0.5	0.4	-0.6	-0.3	1.5	...
Marshall Islands	-5.8	-2.9	2.7	4.4	1.7	2.7	...
Micronesia, Federated States of	0.0	0.3	...	...	...	...	...
Nauru	0.0	0.0	0.0	0.0	...	...	...
Niue	...	...	...	...	...	...	...
Palau	1.5	12.4	9.6	7.5	8.0	9.3	...
Papua New Guinea	0.2	1.0	0.7	4.7	-3.6	-3.8	...
Samoa	0.0	3.3	1.0	1.9	-0.2	0.5	1.0
Solomon Islands	18.5	2.5	2.9	1.5	2.0	0.6	...
Tonga	1.3	1.6	-1.2	4.1	0.3	0.9	...
Tuvalu	1.4	0.9	0.7	0.6	0.6	0.2	...
Vanuatu	9.4	4.2	4.3	4.1	2.9	...	...
Developed ADB Member Economies^a	0.6	0.9	1.1	1.3	1.2	1.3	0.9
Australia	2.9	3.8	3.6	4.5	2.9	1.4	1.9
Japan	0.1	0.1	0.4	0.5	0.8	1.2	0.6
New Zealand	0.2	-0.0	1.2	1.2	1.4	1.9	...
DEVELOPING ADB MEMBER ECONOMIES^a	4.1	3.3	2.5	2.4	2.1	2.4	2.1
ALL ADB REGIONAL MEMBERS^a	2.8	2.7	2.2	2.2	1.9	2.2	1.9

... = data not available, -0.0 or 0.0 = magnitude is less than half of the unit employed, ADB = Asian Development Bank, GDP = gross domestic product.

a Aggregate percentages calculated using only reporting economies with data available for both foreign direct investment and GDP in the years specified in the column headings.

b From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Sources: Economies' official sources; World Bank. World Development Indicators. <http://data.worldbank.org/indicator/BX.KLT.DINV.CD.WD?locations=MH> (accessed 4 July 2022); and International Monetary Fund. Balance of Payments Analytic Presentation. <https://data.imf.org/regular.aspx?key=62805741> (accessed 5 July 2022). For Taipei, China: Central bank of Taipei, China. <https://www.cbc.gov.tw/ct.asp?xItem=1061&ctNode=535&mp=2> (accessed 4 July 2022).

External Trade

Table 2.4.8: Merchandise Exports
(\$ million)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	134,666	116,373	113,340	138,420	139,678	119,094	148,274
Afghanistan	388	571	832	875	864	777	...
Armenia	1,041	1,485	2,238	2,412	2,649	2,537	3,022
Azerbaijan	26,374	15,586	15,152	20,794	19,868	12,588	21,692
Georgia	1,677	2,204	2,746	3,380	3,798	3,343	4,242*
Kazakhstan	60,271	45,956	48,503	61,111	58,066	47,541	60,340
Kyrgyz Republic	1,756	1,483	1,764	1,837	1,986	1,973	1,659
Pakistan	19,261	23,526	20,566	21,296	21,222	21,234	25,191
Tajikistan	1,195	891	1,198	1,073	1,174	1,407	2,149
Turkmenistan	9,679	12,164	7,788	11,651	12,592	...	...
Uzbekistan	13,023	12,508	12,554	13,991	17,459	15,102	16,611
East Asia	2,713,944	3,552,563	3,656,154	3,962,930	3,887,604	3,961,133	5,101,919
China, People's Republic of	1,577,754	2,273,468	2,263,345	2,486,682	2,499,482	2,589,952	3,363,959
Hong Kong, China	390,134	465,092	497,340	530,472	509,026	506,303	638,170
Korea, Republic of	466,384	526,757	573,694	604,860	542,233	512,498	644,400
Mongolia	2,909	4,669	6,201	7,012	7,620	7,576	9,247
Taipei, China	276,763	282,577	315,573	333,905	329,244	344,804	446,142
South Asia^a	274,793	310,212	346,850	386,691	368,409	335,220	476,955
Bangladesh	16,099	30,588	33,462	35,691	39,404	32,087	36,783*
Bhutan	535	561	566	574	610	635	...
India	248,648	267,550	300,440	337,439	315,229	291,371	425,632
Maldives	62	144	318	339	361	286	285
Nepal	830	833	699	747	862	826	1,195
Sri Lanka	8,618	10,536	11,364	11,901	11,943	10,016	12,425
Southeast Asia^a	1,048,353	1,172,177	1,311,960	1,446,426	1,422,439	1,395,294	1,726,294
Brunei Darussalam	8,887	6,338	5,585	6,577	7,247	6,611	11,054
Cambodia	3,903	9,336	11,224	12,963	14,986	18,522	19,469
Indonesia	157,779	150,366	168,828	180,013	167,683	163,192	231,523
Lao People's Democratic Republic	1,746	3,653	4,873	5,295	5,806	6,115	7,270
Malaysia	198,325	199,041	217,403	248,712	240,212	234,050	299,231
Myanmar	8,872	11,432	13,878	16,704	18,110	...	...
Philippines	51,498	58,827	68,713	69,307	70,927	65,215	74,653*
Singapore	352,553	357,730	372,939	411,957	390,361	373,725	457,081
Thailand	192,511	213,397	233,376	251,155	242,686	226,861*	270,977*
Timor-Leste	42	38	24	46	154	264	616
Viet Nam	72,237	162,017	215,119	243,697	264,267	282,629	336,311
The Pacific^a	7,012	10,067	11,703	12,321	13,170	10,749	11,937
Cook Islands	5	14	20	17	18	19	15*
Fiji	837	982	987	1,007	1,027	826	893
Kiribati	4	10	15	8	12	9	9*
Marshall Islands	44	60	61	64	69	72	63
Micronesia, Federated States of	30	40	46	47	...	...	...
Nauru	32	14	19	12	4	4	5
Niue	1	1	2	2	2	1	1
Palau	16	18	14	14	11	7	2
Papua New Guinea	5,737	8,417	9,953	10,495	11,401	9,285	10,433*
Samoa	23	34	37	43	51	38	29
Solomon Islands	227	421	468	536	461	379	371
Tonga	8	18	19	13	20	15	...
Tuvalu	1	0	0	0	0	0	0
Vanuatu	48	39	61	63	48	46	54
Developed ADB Member Economies	1,011,217	846,359	967,003	1,034,971	1,016,264	929,604	1,147,001
Australia	212,027	187,525	230,950	257,480	271,069	250,138	345,153
Japan	767,826	624,681	697,951	737,877	705,733	640,594	757,081
New Zealand	31,365	34,152	38,102	39,613	39,463	38,872	44,767
DEVELOPING ADB MEMBER ECONOMIES^a	4,178,767	5,161,392	5,440,007	5,946,787	5,831,300	5,821,490	7,465,379
ALL ADB REGIONAL MEMBERS^a	5,189,984	6,007,751	6,407,010	6,981,758	6,847,564	6,751,095	8,612,380
WORLD^b	15,204,070	16,378,902	17,491,566	19,276,593	18,764,540	17,405,482	22,131,428

... = data not available, 0 = magnitude is less than half of unit employed, * = provisional or preliminary, \$ = United States dollars, ADB = Asian Development Bank.

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

b The world aggregate includes estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: Economies' official sources; and International Monetary Fund. International Financial Statistics (IMF). <http://data.imf.org/> (accessed 30 June 2022).
For Nauru: for 2002–2015, Nauru Bureau of Statistics. 2016. Media Release on International Merchandise Trade Statistics (IMTS Release No. 01/2016), 3 November 2016; for 2016–2021, IMF. 2019 Article IV Staff Country Reports for the Republic of Nauru. For "World": IMF. Direction of Trade Statistics. <http://data.imf.org/?sk=9D6028D4-F14A-464C-A2F2-59B2CD424B85> (accessed 30 June 2022).

Table 2.4.9: Growth Rates of Merchandise Exports
(%)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	25.3	-33.3	16.4	22.1	0.9	-14.7	24.5
Afghanistan	-3.7	0.2	39.5	5.2	-1.3	-10.1	...
Armenia	46.6	-4.0	24.9	7.8	9.8	-4.2	19.1
Azerbaijan	25.3	-44.8	14.7	37.2	-4.5	-36.6	72.3
Georgia	48.0	-23.0	29.7	23.1	12.4	-12.0	26.9*
Kazakhstan	39.5	-42.2	32.0	26.0	-5.0	-18.1	26.9
Kyrgyz Republic	5.0	-21.3	12.1	4.1	8.1	-0.7	-15.9
Pakistan	12.0	-8.5	-1.4	3.6	-0.3	0.1	18.6
Tajikistan	18.3	-8.9	33.3	-10.4	9.5	19.8	52.7
Turkmenistan	3.8	-38.5	3.6	49.6	8.1	...	...
Uzbekistan	10.6	-7.7	3.8	11.4	24.8	-13.5	10.0
East Asia	29.8	-4.3	9.5	8.4	-1.9	1.9	28.8
China, People's Republic of	31.3	-2.9	7.9	9.9	0.5	3.6	29.9
Hong Kong, China	22.5	-1.8	7.6	6.7	-4.0	-0.5	26.0
Korea, Republic of	28.3	-8.0	15.8	5.4	-10.4	-5.5	25.7
Mongolia	54.3	-19.1	26.1	13.1	8.7	-0.6	22.1
Taipei, China	35.1	-11.2	13.4	5.8	-1.4	4.7	29.4
South Asia^a	38.2	-12.2	8.3	11.5	-4.7	-9.0	42.3
Bangladesh	3.7	2.6	0.3	6.7	10.4	-18.6	14.6*
Bhutan	6.5	4.1	16.0	1.3	6.3	4.1	...
India	42.3	-13.9	9.2	12.3	-6.6	-7.6	46.1
Maldives	-63.6	-0.6	24.3	6.6	6.3	-20.8	-0.1
Nepal	-4.9	-11.6	7.0	6.9	15.5	-4.3	44.7
Sri Lanka	21.7	-5.3	10.2	4.7	0.4	-16.1	24.1
Southeast Asia^a	29.7	-9.7	13.9	10.2	-1.7	-1.9	23.7
Brunei Darussalam	23.9	-40.2	13.6	17.8	10.2	-8.8	67.2
Cambodia	24.4	14.3	9.3	15.5	15.6	23.6	5.1
Indonesia	35.4	-14.6	16.3	6.6	-6.8	-2.7	41.9
Lao People's Democratic Republic	65.9	11.5	14.8	8.7	9.7	5.3	18.9
Malaysia	26.5	-14.9	14.6	14.4	-3.4	-2.6	27.8
Myanmar	32.4	-0.2	17.2	20.4	8.4	...	...
Philippines	34.0	-5.3	19.7	0.9	2.3	-8.1	14.5*
Singapore	30.5	-13.8	10.3	10.5	-5.2	-4.3	22.3
Thailand	27.2	-5.8	9.3	7.6	-3.4	-6.5*	19.4*
Timor-Leste	20.7	-1.7	-85.1	91.5	232.0	71.7	133.2
Viet Nam	26.5	7.9	21.8	13.3	8.4	6.9	19.0
The Pacific^a	30.4	-6.3	18.9	5.3	6.9	-18.4	11.1
Cook Islands	88.0	-20.3	48.9	-14.3	0.7	10.8	-24.4*
Fiji	25.1	-19.5	7.0	2.1	2.0	-19.5	8.1
Kiribati	-38.0	-1.5	45.2	-46.3	49.3	-24.2	-1.6*
Marshall Islands	27.4	-13.9	16.0	4.9	8.1	3.6	-12.4
Micronesia, Federated States of	63.5	23.0	-5.6	1.7	...	...	...
Nauru	249.5	-39.4	-45.4	-38.7	-64.9	-1.0	9.2
Niue	1.0	-20.2	22.0	17.5	-7.7	-66.5	39.2
Palau	15.9	-5.3	5.5	-1.9	-18.5	-40.0	-71.1
Papua New Guinea	30.9	-4.2	21.3	5.4	8.6	-18.6	12.4*
Samoa	114.4	23.8	3.1	14.1	18.9	-24.3	-24.3
Solomon Islands	37.4	-7.6	8.3	14.5	-14.0	-17.7	-2.0
Tonga	7.1	-6.5	-12.1	-31.2	56.1	-24.0	...
Tuvalu	76.5	-12.0	-8.1	-11.3	51.6	-83.0	591.2
Vanuatu	-14.8	-38.0	22.1	2.9	-24.6	-3.2	17.3
Developed ADB Member Economies	33.6	-12.9	11.2	7.0	-1.8	-8.5	23.4
Australia	38.3	-21.8	20.2	11.5	5.3	-7.7	38.0
Japan	32.6	-9.5	8.4	5.7	-4.4	-9.2	18.2
New Zealand	26.6	-17.8	12.9	4.0	-0.4	-1.5	15.2
DEVELOPING ADB MEMBER ECONOMIES^a	30.2	-7.0	10.6	9.3	-1.9	-0.2	28.2
ALL ADB REGIONAL MEMBERS^a	30.8	-7.9	10.7	9.0	-1.9	-1.4	27.6
WORLD^b	22.7	-12.8	10.5	10.2	-2.7	-7.2	27.2

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank.

Note: Growth rates are based on the value of exports in United States dollars.

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

b The world aggregate includes estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: Economies' official sources; and International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 30 June 2022).

External Trade

Table 2.4.10: Merchandise Imports
(\$ million)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	109,356	138,059	142,796	154,749	160,784	145,092	169,399
Afghanistan	5,154	7,723	7,793	7,407	6,777	6,538	...
Armenia	3,749	3,239	4,097	4,976	5,538	4,583	5,357
Azerbaijan	6,662	9,774	9,037	10,952	11,335	10,077	10,419
Georgia	5,236	7,304	8,057	9,362	9,519	8,053	10,084*
Kazakhstan	31,127	30,568	29,600	33,659	39,709	38,929	41,174
Kyrgyz Republic	3,223	4,154	4,495	5,292	4,989	3,719	5,570
Pakistan	34,169	45,394	52,742	55,189	49,869	43,483	55,181
Tajikistan	2,657	3,436	2,775	3,151	3,349	3,151	4,209
Turkmenistan	8,204	14,051	10,189	5,323	5,406	...	...
Uzbekistan	9,176	12,417	14,012	19,439	24,292	21,154	25,461
East Asia	2,512,911	2,876,629	3,143,062	3,563,907	3,437,069	3,375,353	4,373,575
China, People's Republic of	1,396,244	1,679,565	1,843,793	2,135,734	2,078,409	2,065,962	2,687,529
Hong Kong, China	433,102	522,001	559,074	602,335	563,487	550,421	682,828
Korea, Republic of	425,212	436,499	478,478	535,202	503,343	467,633	615,093
Mongolia	3,200	3,798	4,337	5,875	6,128	5,299	6,849
Taipei, China	255,153	234,768	257,380	284,761	285,702	286,039	381,276
South Asia^a	409,681	455,084	537,474	616,751	568,870	473,007	715,646
Bangladesh	21,245	37,528	42,779	53,571	55,159	50,636	60,483*
Bhutan ^b	810	977	1,045	971	1,012	872	...
India	368,166	388,189	460,835	525,618	477,270	393,519	618,177
Maldives	909	1,890	2,360	2,960	2,888	1,838	2,574
Nepal	5,110	7,565	9,474	11,430	12,597	10,113	13,035
Sri Lanka	13,441	18,935	20,982	22,200	19,945	16,029	20,505
Southeast Asia^a	934,617	1,089,778	1,233,059	1,405,578	1,369,468	1,250,070	1,588,808
Brunei Darussalam	2,536	3,235	3,083	4,168	5,100	5,319	10,749
Cambodia ^b	6,588	13,285	15,502	18,806	22,242	21,066	30,726
Indonesia	135,663	142,695	156,986	188,711	171,276	141,569	196,190
Lao People's Democratic Republic ^b	2,060	5,675	5,667	6,164	6,272	5,370	5,890
Malaysia	164,177	175,593	194,497	218,036	205,049	190,433	238,275
Myanmar	4,866	16,913	19,253	19,355	18,607	...	...
Philippines	54,933	71,067	96,093	112,841	111,593	89,812	117,879*
Singapore	312,669	307,968	327,390	370,832	358,985	328,661	406,318
Thailand	165,988	187,079	200,820	228,857	216,052	185,917*	231,066*
Timor-Leste	298	491	554	565	597	625	873
Viet Nam	84,839	165,776	213,215	237,242	253,697	262,691	332,235
The Pacific^a	7,058	6,961	7,719	8,582	9,127	7,071	7,453
Cook Islands	91	110	135	135	136	105	83*
Fiji	1,806	2,268	2,406	2,729	2,781	1,731	2,166
Kiribati	73	103	108	103	112	109	146*
Marshall Islands	125	112	113	126	200	126	135
Micronesia, Federated States of	168	160	183	198	...	...	...
Nauru	13	93	54	61	58	58	64
Niue	9	13	15	18	14	12	14
Palau	103	156	174	171	171	149	156
Papua New Guinea ^b	3,522	2,551	3,060	3,512	3,933	3,284	3,024*
Samoa	280	298	321	333	357	285	338
Solomon Islands	405	485	516	593	553	452	526
Tonga	158	209	238	228	267	229	...
Tuvalu	22	37	27	25	33	34	34
Vanuatu	284	367	370	350	313	300	340
Developed ADB Member Economies	915,836	885,006	933,113	1,020,015	977,235	875,951	1,068,515
Australia	193,071	200,643	220,954	227,172	213,797	202,055	248,054
Japan	692,242	647,744	672,032	748,967	721,032	636,957	770,528
New Zealand	30,523	36,619	40,128	43,876	42,405	36,939	49,933
DEVELOPING ADB MEMBER ECONOMIES^a	3,973,622	4,566,512	5,064,111	5,749,566	5,545,319	5,250,593	6,854,881
ALL ADB REGIONAL MEMBERS^a	4,889,458	5,451,517	5,997,224	6,769,581	6,522,554	6,126,544	7,923,396
WORLD^c	15,469,170	16,566,724	17,724,764	19,532,428	19,028,243	17,526,156	22,141,001

... = data not available, * = provisional or preliminary, \$ = United States dollars, ADB = Asian Development Bank.

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

b The Key Indicators Database features a longer time series on trade in goods. The compilation methodology shifted from cost, insurance, and freight to free on board from 2004 onward for Bhutan; from 2005 onward for Cambodia; from 2017 onward for the Lao People's Democratic Republic; and from 2010 onward for Papua New Guinea.

c The world aggregate includes estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: Economies' official sources; and International Monetary Fund (IMF). International Financial Statistics. <http://data.imf.org/> (accessed 30 June 2022). For Nauru: for 2002–2015, Nauru Bureau of Statistics. 2016. Media Release on International Merchandise Trade Statistics (IMTS Release No. 01/2016), 3 November 2016; for 2016–2021, IMF. 2019 Article IV Staff Country Reports for the Republic of Nauru. For "World": IMF. Direction of Trade Statistics. <http://data.imf.org/?sk=9D6028D4-F14A-464C-A2F2-59B2CD424B85> (accessed 30 June 2022).

Table 2.4.11: Growth Rates of Merchandise Imports
(%)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	6.0	-12.5	11.1	8.4	3.9	-9.8	16.8
Afghanistan	54.5	-0.1	19.3	-5.0	-8.5	-3.5	...
Armenia	12.9	-26.8	25.2	21.4	11.3	-17.2	16.9
Azerbaijan	6.9	4.7	0.4	21.2	3.5	-11.1	3.4
Georgia	17.0	-15.1	9.7	16.2	1.7	-15.4	25.2*
Kazakhstan	9.6	-26.0	16.6	13.7	18.0	-2.0	5.8
Kyrgyz Republic	6.0	-27.6	12.4	17.7	-5.7	-25.5	49.8
Pakistan	2.5	-0.9	18.1	4.6	-9.6	-12.8	26.9
Tajikistan	3.4	-20.1	-8.4	13.6	6.3	-5.9	33.6
Turkmenistan	-8.8	-15.5	-22.7	-47.8	1.6	...	...
Uzbekistan	-2.8	-11.2	15.4	38.7	25.0	-12.9	20.4
East Asia	35.5	-13.2	14.6	13.4	-3.6	-1.8	29.6
China, People's Republic of	38.8	-14.3	16.1	15.8	-2.7	-0.6	30.1
Hong Kong, China	24.7	-4.1	8.3	7.7	-6.4	-2.3	24.1
Korea, Republic of	31.6	-16.9	17.8	11.9	-6.0	-7.1	31.5
Mongolia	49.7	-27.5	29.2	35.5	4.3	-13.5	29.2
Taipei, China	44.4	-16.2	12.6	10.6	0.3	0.1	33.3
South Asia^a	29.1	-11.6	18.7	14.7	-7.8	-16.9	51.3
Bangladesh	5.1	2.5	7.5	25.2	3.0	-8.2	19.4*
Bhutan	40.7	4.5	2.8	-7.0	4.2	-13.9	...
India	30.7	-13.4	20.1	14.1	-9.2	-17.5	57.1
Maldives	-5.6	-4.9	11.1	25.4	-2.4	-36.4	40.1
Nepal	39.3	3.3	31.5	20.7	10.2	-19.7	28.9
Sri Lanka	31.8	-2.5	9.3	5.8	-10.2	-19.6	27.9
Southeast Asia^a	31.1	-11.0	15.1	14.0	-2.6	-8.7	27.1
Brunei Darussalam	5.6	-10.0	15.4	35.2	22.3	4.3	102.1
Cambodia	35.0	10.5	9.8	21.3	18.3	-5.3	45.9
Indonesia	40.1	-19.9	15.7	20.2	-9.2	-17.3	38.6
Lao People's Democratic Republic	41.0	14.1	5.5	8.8	1.8	-14.4	9.7
Malaysia	33.1	-15.9	15.5	12.1	-6.0	-7.1	25.1
Myanmar	11.0	4.3	22.6	0.5	-3.9	...	...
Philippines	27.5	8.7	14.2	17.4	-1.1	-19.5	31.3*
Singapore	26.9	-18.5	12.1	13.3	-3.2	-8.4	23.6
Thailand	38.2	-10.7	13.0	14.0	-5.6	-13.9*	24.3*
Timor-Leste	1.0	-11.3	8.2	2.1	5.6	4.8	39.5
Viet Nam	21.3	12.1	21.9	11.3	6.9	3.5	26.5
The Pacific^a	18.9	-18.2	18.1	11.2	6.4	-22.5	5.4
Cook Islands	11.2	-9.3	15.0	-0.2	1.2	-23.0	-21.3*
Fiji	17.0	-14.6	4.5	13.4	1.9	-37.8	25.2
Kiribati	5.4	-3.7	-3.0	-4.8	8.7	-2.4	34.4*
Marshall Islands	-21.2	-10.7	12.5	11.4	58.6	-37.2	7.5
Micronesia, Federated States of	-1.8	-0.3	-1.4	7.9	...	...	...
Nauru	-47.3	-18.0	-5.9	13.2	-4.1	-0.1	9.3
Niue	28.5	-15.4	13.1	17.8	-23.7	-13.9	18.3
Palau	9.3	4.4	2.7	-1.9	0.3	-12.7	4.4
Papua New Guinea	23.0	-30.2	47.8	14.8	12.0	-16.5	-7.9*
Samoa	36.6	-12.7	2.7	3.8	7.2	-20.1	18.4
Solomon Islands	51.2	-4.1	11.1	14.8	-6.7	-18.3	16.5
Tonga	10.3	-4.4	3.7	-4.0	17.2	-14.4	...
Tuvalu	59.2	66.4	13.1	-4.3	28.1	3.9	1.0
Vanuatu	-2.5	17.0	-3.1	-5.3	-10.6	-4.2	13.3
Developed ADB Member Economies	25.1	-18.2	12.1	9.3	-4.2	-10.4	22.0
Australia	23.4	-11.9	16.9	2.8	-5.9	-5.5	22.8
Japan	25.8	-20.1	10.7	11.4	-3.7	-11.7	21.0
New Zealand	21.5	-13.9	11.7	9.3	-3.4	-12.9	35.2
DEVELOPING ADB MEMBER ECONOMIES^a	32.7	-12.5	15.1	13.5	-3.6	-5.3	30.6
ALL ADB REGIONAL MEMBERS^a	31.2	-13.5	14.6	12.9	-3.6	-6.1	29.3
WORLD^b	21.6	-12.5	9.8	10.2	-2.6	-7.9	26.3

... = data not available, * = provisional or preliminary, ADB = Asian Development Bank.e

Note: Growth rates are based on the value of imports in United States dollars.

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

b The world aggregate includes estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: Economies' official sources; and International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 30 June 2022).

External Trade

Table 2.4.12: Trade in Goods
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia^a	49.2	37.0	36.3	41.8	43.9	...	...
Afghanistan	34.5	40.2	45.6	45.0	40.4	36.3	...
Armenia	51.7	44.8	55.0	59.3	60.1	56.3	60.4
Azerbaijan	62.4	47.8	59.2	67.4	64.8	53.1	58.8
Georgia	56.5	63.6	66.5	72.4	76.2	71.9	76.6
Kazakhstan	61.7	41.5	46.8	52.8	53.8	50.5	52.6
Kyrgyz Republic	103.8	84.4	81.3	86.2	78.6	73.2	84.6
Pakistan	30.6	25.8	21.7	23.8	24.4	22.0	23.5
Tajikistan	68.3	52.3	52.7	54.4	54.5	56.0	72.7
Turkmenistan	79.2	72.6	...	...	...	...	...
Uzbekistan	44.4	28.9	42.8	63.5	69.7	60.5	60.8
East Asia	66.1	48.0	45.7	45.3	43.3	42.3	45.8
China, People's Republic of	48.9	35.7	33.4	33.3	32.1	31.7	34.1
Hong Kong, China	360.1	319.0	309.6	313.2	295.4	306.4	357.8
Korea, Republic of	78.0	65.7	64.8	66.1	63.3	59.6	69.5
Mongolia	85.0	72.9	91.8	97.8	96.8	96.7	106.6
Taipei, China	119.7	96.8	97.0	101.5	100.6	94.2	106.8
South Asia^a	36.7	31.2	29.0	31.2	28.1	25.5	...
Bangladesh	32.6	35.0	26.4	28.2	27.1	22.1	23.4
Bhutan ^b	86.9	76.7	65.7	63.1	64.0	65.1	...
India	36.9	30.5	29.0	31.2	27.8	25.6	32.6
Maldives	37.5	49.5	56.3	62.2	57.9	56.7	...
Nepal	36.5	35.5	34.6	38.4	39.3	33.1	39.4
Sri Lanka	37.6	34.6	34.3	36.1	35.8	30.5	37.3
Southeast Asia^a	99.7	91.2	90.9	95.1	88.0	...	...
Brunei Darussalam	83.3	74.0	71.5	79.2	91.7	99.4	156.1
Cambodia ^b	93.3	125.3	120.5	129.3	137.4	153.0	186.2
Indonesia	38.9	34.0	32.1	35.4	30.3	28.8	36.1
Lao People's Democratic Republic ^b	56.4	64.7	61.7	63.2	64.4	60.2	69.0
Malaysia	142.1	124.3	129.1	130.1	121.9	126.0	144.2
Myanmar	...	45.3	54.5	55.6	53.0	...	...
Philippines	51.1	42.4	50.2	52.5	48.4	42.9	48.9
Singapore	277.4	216.1	204.1	207.6	199.6	203.4	217.5
Thailand	105.1	99.8	95.1	94.7	84.3	82.6	99.2
Timor-Leste ^c	38.5	33.2	35.8	38.6	36.6	40.9	...
Viet Nam	135.5	169.6	191.4	196.1	197.8	201.1	184.4
The Pacific^a	66.5	54.8	58.2	59.3	62.2	...	...
Cook Islands	39.8	40.9	44.9	42.0	43.1	43.9	30.9
Fiji	84.2	69.4	63.4	66.9	69.5	57.1	...
Kiribati	49.6	66.5	65.4	56.5	69.6	65.3	...
Marshall Islands	103.8	93.0	81.9	86.0	112.5	80.7	77.9
Micronesia, Federated States of	66.6	63.1	62.6	60.9	...	...	...
Nauru	86.3	118.4	65.6	60.8	54.2	53.1	50.8
Niue	56.5	58.7	63.9	65.2	49.6	...	...
Palau	64.7	62.3	65.4	64.6	66.5	60.6	...
Papua New Guinea ^b	65.0	50.5	57.2	58.1	62.0	51.0	50.6
Samoa	43.3	40.2	40.6	42.0	44.7	39.0	42.8
Solomon Islands	70.4	69.2	66.9	69.9	62.6	54.1	...
Tonga	44.9	56.3	55.6	50.2	56.5	49.7	...
Tuvalu	72.7	105.7	59.1	53.3	60.7	65.5	57.3
Vanuatu	49.5	55.5	49.0	45.2	38.5	...	...
Developed ADB Member Economies^a	27.1	29.6	29.3	31.0	29.8	27.3	...
Australia	33.9	31.8	33.5	35.2	35.8	33.2	38.2
Japan	25.4	28.6	27.8	29.5	27.8	25.3	30.9
New Zealand	42.2	39.7	37.9	39.4	38.4	35.8	...
DEVELOPING ADB MEMBER ECONOMIES^a	66.4	51.1	49.1	49.9	47.2	...	...
ALL ADB REGIONAL MEMBERS^a	52.0	46.1	44.5	45.7	43.4	...	...

... = data not available, ADB = Asian Development Bank, GDP = Gross Domestic Product.

Note: Trade in goods is calculated as the sum of merchandise exports and imports in United States dollars.

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

b The Key Indicators Database features a longer time series on trade in goods. The compilation methodology shifted from cost, insurance, and freight to free on board from 2004 onward for Bhutan; from 2005 onward for Cambodia; from 2017 onward for the Lao People's Democratic Republic; and from 2010 onward for Papua New Guinea.

c From September 2019, oil revenue from the Joint Petroleum Development Area is now included in GDP based on the new Timor-Leste Australia Maritime Boundary Treaty.

Sources: Economies' official sources; and International Monetary Fund. International Financial Statistics. <http://data.imf.org/> (accessed 30 June 2022).

Table 2.4.13: Direction of Trade: Merchandise Exports
(% of total merchandise exports)

To From ADB Regional Member	Asia and the Pacific		Europe		North and Central America		Middle East		South America		Africa		Rest of the World	
	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021
Developing ADB Member Economies														
Central and West Asia^a	28.2	32.5	53.1	51.3	8.6	5.5	8.1	4.0	0.3	0.4	1.2	1.7	0.4	4.6
Afghanistan	63.7	77.9	21.6	9.6	1.1	1.4	13.6	11.1	0.0	0.0	0.0	0.1	0.0	0.0
Armenia	10.4	21.0	67.1	63.8	11.5	2.9	9.5	11.6	0.3	0.1	0.1	0.0	1.1	0.5
Azerbaijan	19.7	8.4	59.9	82.3	9.5	1.3	10.7	4.9	0.0	0.3	0.3	2.7	0.0	0.0
Georgia	33.8	40.1	42.0	50.5	18.6	5.0	4.6	3.0	0.4	0.9	0.6	0.5	0.0	0.0
Kazakhstan	24.2	36.1	64.5	59.8	6.0	1.7	4.5	1.9	0.1	0.1	0.1	0.3	0.7	0.0
Kyrgyz Republic	19.5	42.8	52.2	52.8	7.2	0.3	21.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	29.9	25.9	28.5	35.9	19.1	23.0	15.1	9.2	1.7	1.3	5.7	4.8	0.0	0.0
Tajikistan	44.9	54.1	42.6	36.3	0.0	0.0	8.6	2.4	0.0	0.0	3.9	7.1	0.0	0.0
Turkmenistan	52.0	82.4	38.4	15.2	1.9	0.2	7.1	1.1	0.0	1.1	0.7	0.0	0.0	0.0
Uzbekistan	60.8	30.0	32.1	24.9	0.0	0.2	7.0	1.6	0.1	0.0	0.0	1.3	0.0	42.1
East Asia^a	52.9	53.8	18.9	18.0	18.3	18.8	4.1	3.7	2.8	2.9	2.5	2.8	0.4	0.1
China, People's Republic of	43.5	44.6	23.2	21.6	21.7	21.5	4.6	4.5	3.4	3.9	3.3	3.8	0.3	0.0
Hong Kong, China	72.2	78.9	12.6	10.0	12.4	7.3	1.4	2.3	0.9	0.8	0.5	0.7	0.1	0.0
Korea, Republic of	57.6	62.4	14.8	13.8	15.1	18.4	5.7	2.3	3.4	1.5	2.6	1.5	0.8	0.0
Mongolia	74.4	78.7	18.7	21.1	6.5	0.1	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Taipei, China	71.1	72.0	10.6	8.6	13.0	16.4	2.3	1.3	1.3	0.7	0.8	0.5	1.0	0.5
South Asia^a	31.7	31.2	23.7	23.7	13.7	20.6	19.4	12.3	2.4	2.8	6.4	7.8	2.7	1.6
Bangladesh	9.1	13.4	49.6	49.2	23.4	18.3	2.1	2.4	0.4	0.8	0.7	0.8	14.7	15.2
Bhutan	99.7	99.0	0.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
India	33.6	33.0	21.3	20.9	12.7	20.6	21.2	13.5	2.6	3.0	7.1	8.7	1.5	0.2
Maldives	59.7	61.2	35.9	30.7	0.7	4.0	3.1	0.5	0.0	0.5	0.6	3.1	0.0	0.0
Nepal	77.3	84.0	12.6	6.7	7.5	6.8	0.5	0.4	0.2	0.0	0.1	0.2	1.9	1.9
Sri Lanka	20.7	22.5	36.0	35.3	21.4	29.1	9.9	8.3	1.0	1.6	0.9	2.0	10.2	1.2
Southeast Asia^a	69.4	66.6	12.7	11.5	11.7	17.1	3.1	2.2	1.0	1.1	1.9	1.5	0.1	0.0
Brunei Darussalam	99.6	99.6	0.2	0.1	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Cambodia	41.6	32.1	17.6	22.0	39.7	44.2	0.3	0.4	0.4	0.5	0.1	0.4	0.2	0.3
Indonesia	70.9	70.2	12.5	10.6	10.2	12.6	3.2	3.0	1.5	1.3	1.7	2.3	0.0	0.0
Lao People's Democratic Republic	85.0	90.6	11.4	4.9	3.5	4.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Malaysia	70.3	70.5	11.8	11.0	11.1	13.4	4.3	2.3	0.7	0.6	1.7	2.2	0.0	0.0
Myanmar	95.4	75.8	1.4	18.3	0.1	4.3	1.7	0.9	0.1	0.1	1.3	0.5	0.0	0.1
Philippines	67.3	68.4	14.8	12.4	16.0	17.6	1.1	0.8	0.5	0.6	0.4	0.3	0.0	0.0
Singapore	74.9	76.6	10.7	9.4	9.8	10.5	2.1	1.7	0.5	0.4	1.9	1.4	0.1	0.0
Thailand	62.9	64.5	14.6	10.9	12.1	17.4	5.0	3.2	2.1	1.8	3.0	2.0	0.3	0.2
Timor-Leste	58.1	64.8	23.6	31.7	0.2	1.6	6.2	0.0	0.1	1.7	11.8	0.2	0.0	0.0
Viet Nam	50.8	47.7	22.2	15.4	22.4	32.3	1.7	2.1	1.1	1.8	1.5	0.7	0.4	0.0
The Pacific^a	75.9	74.9	17.9	18.1	4.4	3.9	0.1	1.0	1.1	1.6	0.6	0.3	0.1	0.1
Cook Islands	78.9	66.4	0.0	0.0	2.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	19.1	26.4
Fiji	71.8	72.2	7.5	3.0	18.7	24.3	0.3	0.3	0.0	0.0	0.8	0.2	0.8	0.0
Kiribati	97.8	93.2	2.2	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	0.3	24.6	95.5	70.1	4.2	1.2	0.0	3.8	0.0	0.1	0.0	0.3	0.0	0.0
Micronesia, Federated States of	88.2	96.7	2.6	0.1	9.2	3.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Nauru	70.1	69.3	0.2	0.2	0.5	6.8	0.8	11.1	0.0	2.0	28.4	10.7	0.0	0.0
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	91.1	19.4	2.0	14.8	6.6	16.6	0.2	0.2	0.1	44.7	0.0	4.3	0.0	0.0
Papua New Guinea	80.8	83.1	17.0	13.1	2.0	1.6	0.0	0.0	0.0	2.1	0.2	0.0	0.0	0.1
Samoa	96.0	69.7	0.3	1.0	3.2	20.1	0.0	0.0	0.0	7.1	0.5	2.1	0.0	0.0
Solomon Islands	81.8	76.5	17.8	21.3	0.4	0.4	0.0	0.4	0.0	1.3	0.0	0.1	0.0	0.0
Tonga	96.2	83.8	0.0	0.0	3.8	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuvalu	74.2	16.3	15.3	0.8	5.7	1.2	0.8	67.4	2.2	3.3	1.8	11.0	0.0	0.0
Vanuatu	31.6	67.5	1.8	3.6	20.5	6.9	0.4	18.1	45.3	2.6	0.4	1.3	0.0	0.0
Developed ADB Member Economies^a	63.5	68.4	12.8	10.4	16.9	15.9	3.4	2.5	1.6	1.1	1.4	1.0	0.3	0.8
Australia	80.1	84.9	8.9	5.0	5.0	4.1	2.9	2.1	1.0	0.6	1.3	0.7	0.8	2.5
Japan	58.9	60.7	13.9	12.9	20.5	21.4	3.5	2.6	1.8	1.3	1.3	1.1	0.1	0.0
New Zealand	65.9	71.2	12.3	9.3	11.2	12.8	4.8	3.7	1.7	0.8	2.6	1.6	1.5	0.5
DEVELOPING ADB MEMBER ECONOMIES^a	55.2	54.9	18.6	17.5	16.1	18.2	4.9	3.8	2.3	2.4	2.5	2.8	0.5	0.2
ALL ADB REGIONAL MEMBERS^a	56.8	56.7	17.5	16.6	16.2	17.9	4.6	3.7	2.1	2.3	2.3	2.6	0.5	0.3
WORLD^a	31.0	34.2	40.3	37.7	17.3	18.2	4.6	3.8	2.9	2.5	2.7	2.6	1.3	1.0

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

a Aggregates include estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: International Monetary Fund. Direction of Trade Statistics. <http://data.imf.org/?sk=9D6028D4-F14A-464C-A2F2-59B2CD424B85> (accessed 30 June 2022). For the Cook Islands and Taipei, China: Economies' official sources.

External Trade

Table 2.4.14: Direction of Trade: Merchandise Imports
(% of total merchandise imports)

From To ADB Regional Member	Asia and the Pacific		Europe		North and Central America		Middle East		South America		Africa		Rest of the World	
	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021	2010	2021
Developing ADB Member Economies														
Central and West Asia^a	36.6	43.0	41.6	36.8	4.6	4.3	14.3	11.6	1.5	1.7	1.3	2.3	0.0	0.3
Afghanistan	70.7	69.5	15.6	6.6	2.2	0.7	10.6	22.9	0.5	0.1	0.4	0.1	0.0	0.1
Armenia	21.9	25.6	64.4	57.1	3.8	3.1	7.4	9.6	2.0	1.6	0.4	0.7	0.1	2.4
Azerbaijan	24.1	26.6	64.8	61.6	3.8	4.8	3.7	4.3	3.2	2.5	0.3	0.2	0.0	0.0
Georgia	26.4	28.4	62.6	58.4	3.9	6.7	4.6	3.2	1.9	3.1	0.6	0.2	0.0	0.0
Kazakhstan	27.2	36.6	62.7	57.5	7.0	3.6	1.2	0.8	1.4	0.4	0.4	0.4	0.0	0.8
Kyrgyz Republic	41.9	48.7	50.3	47.2	6.6	2.7	0.9	0.8	0.3	0.4	0.1	0.1	0.0	0.0
Pakistan	40.5	49.1	13.8	11.9	5.7	6.1	35.5	25.0	1.2	2.4	3.3	5.5	0.1	0.0
Tajikistan	48.4	52.6	39.6	43.3	3.5	0.8	7.3	2.1	1.1	1.0	0.0	0.0	0.0	0.3
Turkmenistan	24.7	22.1	73.4	73.5	1.1	2.2	0.7	0.5	0.1	1.6	0.0	0.0	0.0	0.0
Uzbekistan	41.3	47.9	49.6	47.0	1.6	1.3	5.0	1.7	2.4	1.7	0.2	0.4	0.0	0.0
East Asia^a	57.2	57.2	13.4	15.5	9.2	9.2	8.4	6.7	3.9	5.1	2.8	2.7	5.1	3.7
China, People's Republic of	50.1	49.3	15.2	17.9	9.1	8.7	6.6	7.1	5.7	7.3	4.2	3.7	9.2	6.0
Hong Kong, China	82.4	84.6	9.2	7.4	6.1	4.9	1.4	1.9	0.6	0.7	0.3	0.5	0.0	0.0
Korea, Republic of	52.8	54.3	13.1	15.8	11.2	14.6	18.9	10.2	2.7	3.0	1.2	1.5	0.0	0.6
Mongolia	52.8	55.7	39.2	38.7	7.7	5.2	0.1	0.1	0.1	0.2	0.0	0.1	0.0	0.0
Taipei, China	60.8	66.7	10.5	12.4	11.5	11.7	12.3	6.6	2.2	1.6	2.7	1.0	0.0	0.0
South Asia^a	37.3	45.6	19.3	15.6	6.2	7.9	25.5	20.7	3.3	3.3	7.5	6.5	1.0	0.4
Bangladesh	67.6	68.6	9.8	7.4	3.8	5.2	8.4	6.9	2.5	4.6	1.0	3.4	6.9	3.9
Bhutan	93.2	98.1	5.5	1.2	0.5	0.2	0.8	0.2	0.0	0.0	0.1	0.0	0.0	0.2
India	33.1	40.3	20.4	17.2	6.5	8.7	27.6	23.3	3.4	3.3	8.4	7.2	0.6	0.0
Maldives	59.7	57.5	9.7	10.7	8.9	3.6	19.9	27.0	0.6	0.8	1.2	0.6	0.0	0.0
Nepal	86.4	88.6	4.8	4.1	1.7	2.1	5.0	2.9	1.9	0.8	0.1	1.0	0.0	0.4
Sri Lanka	64.7	73.1	16.1	11.1	4.2	3.2	13.4	10.5	0.9	0.3	0.4	1.6	0.4	0.2
Southeast Asia^a	67.1	73.7	12.5	10.3	9.8	7.7	7.6	4.8	1.7	1.9	0.8	1.4	0.5	0.2
Brunei Darussalam	77.8	55.8	10.8	22.9	10.2	2.1	0.5	16.0	0.1	1.3	0.1	1.8	0.6	0.0
Cambodia	90.0	93.5	6.7	4.3	2.7	1.3	0.2	0.4	0.2	0.4	0.1	0.0	0.0	0.0
Indonesia	72.6	75.3	9.4	8.0	8.0	6.9	6.0	4.2	2.3	2.6	1.7	3.0	0.1	0.0
Lao People's Democratic Republic	95.0	94.6	4.5	4.8	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	68.7	74.3	11.5	10.3	12.2	8.3	3.8	3.5	1.8	2.1	1.5	1.5	0.5	0.0
Myanmar	77.7	90.7	1.7	4.0	0.6	1.8	2.1	2.3	0.2	1.2	0.1	0.1	17.6	0.0
Philippines	69.4	80.2	8.9	7.8	11.6	7.2	8.5	3.1	1.4	1.4	0.2	0.2	0.0	0.0
Singapore	60.2	64.2	15.8	15.4	12.6	11.9	9.6	5.9	1.4	1.2	0.3	1.3	0.0	0.0
Thailand	65.2	69.7	12.8	10.6	6.7	6.3	11.6	8.6	1.6	1.8	0.9	1.9	1.3	1.1
Timor-Leste	95.9	95.7	3.0	1.9	0.6	0.7	0.1	0.1	0.0	1.6	0.4	0.0	0.0	0.0
Viet Nam	80.1	82.4	10.6	6.7	5.0	5.0	1.8	2.6	2.1	2.5	0.4	0.8	0.0	0.0
The Pacific^a	81.6	86.0	11.4	8.6	5.6	3.4	0.1	1.3	0.1	0.2	0.6	0.1	0.5	0.3
Cook Islands	91.8	87.7	0.0	0.0	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	5.4	9.5
Fiji	91.4	85.3	2.6	3.5	3.9	10.3	0.3	0.5	0.2	0.2	0.5	0.1	1.2	0.1
Kiribati	83.0	91.6	4.6	6.9	11.7	1.4	0.0	0.0	0.3	0.0	0.4	0.0	0.0	0.0
Marshall Islands	0.1	83.3	99.7	12.6	0.0	1.9	0.0	2.1	0.0	0.0	0.1	0.0	0.0	0.0
Micronesia, Federated States of	48.1	54.0	1.2	0.6	38.1	23.5	0.1	0.0	0.0	7.3	0.3	0.3	12.1	14.3
Nauru	80.2	96.5	3.7	1.1	16.0	1.9	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
Niue	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palau	63.7	69.1	0.6	2.5	34.9	27.2	0.0	0.0	0.0	1.1	0.3	0.1	0.5	0.0
Papua New Guinea	88.3	95.7	5.6	2.7	5.1	1.1	0.0	0.0	0.2	0.1	0.8	0.3	0.0	0.0
Samoa	87.0	88.1	1.3	1.0	11.4	9.9	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.5
Solomon Islands	97.1	92.2	1.1	4.7	1.7	3.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Tonga	84.3	86.8	1.9	1.7	13.2	10.6	0.1	0.0	0.2	0.8	0.1	0.0	0.2	0.0
Tuvalu	93.3	93.3	0.1	0.2	4.8	0.6	0.5	5.8	0.0	0.0	1.2	0.0	0.0	0.0
Vanuatu	91.7	92.2	5.0	5.4	2.3	1.8	0.1	0.1	0.1	0.4	0.8	0.1	0.1	0.0
Developed ADB Member Economies^a	54.4	58.0	14.9	16.8	12.3	13.1	13.5	7.7	2.6	2.4	1.6	1.6	0.7	0.4
Australia	59.6	62.6	20.0	20.2	12.7	12.2	2.3	1.4	1.1	0.8	1.4	1.3	3.0	1.5
Japan	52.6	56.2	13.3	15.5	12.2	13.5	17.1	10.0	3.2	3.0	1.6	1.8	0.0	0.0
New Zealand	62.9	63.8	16.7	19.5	12.3	10.4	6.2	4.4	0.7	1.1	0.8	0.5	0.2	0.2
DEVELOPING ADB MEMBER ECONOMIES^a	57.1	59.7	14.6	14.8	8.9	8.6	10.0	7.7	3.3	4.0	2.8	2.7	3.4	2.5
ALL ADB REGIONAL MEMBERS^a	56.6	59.5	14.6	15.1	9.6	9.2	10.7	7.7	3.1	3.8	2.5	2.6	2.9	2.2
WORLD^a	33.5	37.8	39.1	37.6	13.1	12.9	6.0	4.5	3.5	3.1	2.9	2.6	2.0	1.5

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

a Aggregates include estimates derived from reports of partner economies for nonreporting and slow-reporting economies.

Sources: International Monetary Fund. Direction of Trade Statistics. <http://data.imf.org/?sk=9D6028D4-F14A-464C-A2F2-59B2CD424B85> (accessed 30 June 2022). For the Cook Islands and Taipei, China: Economies' official sources.

International Reserves

Table 2.4.15: International Reserves and Ratio to Imports

ADB Regional Member	International Reserves ^a (\$ million)				Ratio to Imports ^b (months)			
	2010	2015	2020	2021	2010	2015	2020	2021
Developing ADB Member Economies								
Central and West Asia^c	77,894	93,691	117,745	...	9.4	9.4	10.6	...
Afghanistan	5,147	6,990	9,741	...	12.9	11.6	19.9	...
Armenia	1,866	1,775	2,616	3,230	6.9	7.6	7.8	...
Azerbaijan	6,409	7,910	7,634	8,307	11.5	9.7	9.1	9.6
Georgia	2,264	2,521	3,913	4,271	5.4	4.3	6.3	5.5
Kazakhstan	28,275	27,871	35,638	34,378	10.3	10.1	11.6	10.4
Kyrgyz Republic	1,720	1,778	2,810	2,978	7.0	5.6	9.8	6.9
Pakistan	17,210	20,045	18,251	22,811	6.6	5.8	5.0	5.1
Tajikistan	403	494	2,238	2,499	1.7	2.1	9.9	8.1
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	14,600	24,307	34,904	35,139	18.0	25.2	22.0	18.3
East Asia	3,825,691	4,564,136	4,830,581	4,944,234	20.0	19.7	17.8	13.9
China, People's Republic of	2,875,894	3,405,385	3,357,028	3,427,045	27.8	26.1	20.2	15.5
Hong Kong, China	268,731	358,773	491,775	496,867	8.4	8.2	10.8	8.9
Korea, Republic of	291,571	367,944	441,907	461,964	8.4	10.4	12.1	9.7
Mongolia	2,288	1,323	4,542	4,374	8.9	4.1	10.4	7.6
Taipei, China	387,206	430,711	535,327	553,984	18.5	19.4	24.0	18.2
South Asia^c	320,411	395,960	648,455	...	9.0	10.3	16.3	...
Bangladesh	11,178	27,493	43,164	46,154	6.3	8.8	10.2	9.1
Bhutan	1,002	1,103	1,510	...	15.1	13.1	20.4	...
India	297,746	351,551	586,045	633,761	9.3	10.6	17.6	12.3
Maldives	350	564	985	806	3.3	3.6	6.9	4.0
Nepal	2,939	7,945	11,085	9,204	7.2	12.5	13.1	8.7
Sri Lanka	7,196	7,304	5,666	...	6.4	4.6	4.2	...
Southeast Asia^c	688,196	731,611	1,104,611	...	9.3	8.5	...	...
Brunei Darussalam	1,563	3,367	3,997	...	7.3	12.6	9.3	...
Cambodia	3,802	7,376	21,333	20,263	6.9	6.7	12.2	7.9
Indonesia	96,211	105,929	135,897	144,905	9.7	9.4	12.1	9.2
Lao People's Democratic Republic	817	1,072	1,425	1,476	4.8	2.3	3.2	3.0
Malaysia	106,525	95,287	107,636	116,890	8.6	7.8	8.5	7.2
Myanmar	5,729	4,599	7,670	...	16.0	4.0	4.5 (2018)	...
Philippines	62,373	80,667	110,117	108,794	14.0	14.6	16.1	12.1
Singapore	225,715	247,746	362,300	417,896	8.7	9.8	13.8	13.0
Thailand	172,129	156,514	258,128	245,985	12.4	10.0	16.6	12.8
Timor-Leste	406	438	657	935	15.9	8.0	12.1	14.0
Viet Nam	12,926	28,616	95,452	109,963	2.0	2.2	4.5	5.7
The Pacific^c	4,582	3,871	...	...	8.3	7.4	...	...
Cook Islands	...	...	...	...	...	...	...	...
Fiji	721	919	1,081	1,518	5.6	5.9	8.8	...
Kiribati	8	7	8	...	1.3	0.7	0.6	...
Marshall Islands	...	...	...	...	...	...	...	...
Micronesia, Federated States of	56	135	452	497	4.2	9.7	13.9 (2018)	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	3,092	1,738	2,309 (2019)	...	10.5	8.2	7.0 (2019)	...
Samoa	173	112	277	295	7.4	4.5	11.7	10.5
Solomon Islands	266	534	661	695	8.9	14.6	19.6	17.8
Tonga	105	156	299	362	6.0	6.2	8.6	...
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	161	269	614	665	8.1	10.4	29.1	38.2
Developed ADB Member Economies^c	1,163,670	1,293,265	1,447,081	1,479,709	16.4	17.9	20.3	...
Australia	42,268	45,412	42,538	57,846	2.6	2.7	2.4	2.9
Japan	1,104,680	1,233,153	1,390,809	1,405,749	21.2	23.5	27.6	23.0
New Zealand	16,723	14,700	13,733	16,114	6.5	5.1	4.3	...
DEVELOPING ADB MEMBER ECONOMIES^c	4,916,774	5,789,268	...	...	15.9	15.8	...	...
ALL ADB REGIONAL MEMBERS^c	6,080,445	7,082,533	...	...	16.0	16.1	...	...

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

a Data refer to international reserves with gold at national valuation, unless otherwise specified, as of the end of the year. For Afghanistan (prior to 2008), Bhutan (2000–2018 and 2021), the Lao People's Democratic Republic (2021), Myanmar (2021), Nauru, Palau, Papua New Guinea (2020 and 2021), Samoa, Solomon Islands (prior to 2012), Sri Lanka (2021), Timor-Leste (prior to 2003), Tonga, Turkmenistan, Uzbekistan (2005–2012), and Vanuatu, data refer to international reserves without gold. For estimating regional aggregates, imputation was done for economies with missing data using available data from nearest years.

b Merchandise imports from the balance of payments were used in the calculations. The aggregate ratios were calculated using only reporting economies with data available for both reserves and imports in the years specified in the column headings.

c Aggregates include only reporting economies with data corresponding to the year heading.

Sources: For international reserves: International Monetary Fund (IMF). International Financial Statistics. <http://data.imf.org/> (accessed 30 June 2022); for Hong Kong, China (2010): IMF. Official Communication, 11 May 2022; and for Taipei, China: economy's official source. For the reserves-to-imports ratio: Asian Development Bank estimates using data from the IMF's International Financial Statistics; official communications from the IMF; and economies' official sources.

Capital Flows

Table 2.4.16: Net Official Development Assistance from All Sources to Developing Economies

(\$ million)

ADB Regional Member	2010	2016	2017	2018	2019	2020
Developing ADB Member Economies						
Central and West Asia^a	11,448	9,384	8,524	7,998	9,215	10,925
Afghanistan	6,235	4,069	3,812	3,792	4,137	4,208
Armenia	320	326	258	142	417	134
Azerbaijan	156	79	124	87	119	123
Georgia	589	463	447	589	492	1,041
Kazakhstan	212	63	59	80	54	73
Kyrgyz Republic	372	519	465	439	443	485
Pakistan	2,933	2,961	2,364	1,387	2,013	2,592
Tajikistan	388	360	328	404	362	768
Turkmenistan	44	32	28	20	25	36
Uzbekistan	198	511	639	1,058	1,153	1,464
East Asia^a	959	-466	-224	-372	-298	129
China, People's Republic of	672	-791	-990	-705	-609	-573
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	...	...	...	...	...	...
Mongolia	287	326	766	334	311	702
Taipei, China	...	...	...	...	...	...
South Asia^a	5,670	6,724	8,731	6,951	8,706	9,657
Bangladesh	1,327	2,533	3,782	3,045	4,382	5,374
Bhutan	97	52	119	108	179	202
India	2,831	2,679	3,198	2,462	2,550	1,794
Maldives	88	23	46	131	71	311
Nepal	767	1,065	1,270	1,452	1,333	1,758
Sri Lanka	559	373	316	-247	192	218
Southeast Asia^a	6,365	6,146	6,180	5,992	4,814	9,075
Brunei Darussalam	...	...	...	...	...	...
Cambodia	681	728	856	783	966	1,373
Indonesia	1,324	-108	280	963	-667	1,233
Lao People's Democratic Republic	389	399	480	589	622	529
Malaysia	-6	-52	-29	-35	-3	-5
Myanmar	355	1,537	1,542	1,712	2,044	2,870
Philippines	582	284	160	547	886	1,456
Singapore	...	...	...	...	...	...
Thailand	-20	228	250	-419	-352	198
Timor-Leste	290	224	232	208	230	250
Viet Nam	2,770	2,906	2,407	1,645	1,088	1,171
The Pacific^a	1,435	1,345	1,579	1,899	1,742	2,519
Cook Islands	14	17	19	34	29	...
Fiji	76	117	146	121	129	194
Kiribati	24	61	77	80	57	58
Marshall Islands	25	13	73	54	66	183
Micronesia, Federated States of	64	51	98	99	93	172
Nauru	28	23	26	38	54	28
Niue	15	14	15	19	19	22
Palau	29	18	22	85	25	66
Papua New Guinea	514	532	533	790	649	1,055
Samoa	124	89	136	128	124	167
Solomon Islands	333	176	187	196	224	214
Tonga	66	83	87	97	108	163
Tuvalu	14	24	29	27	36	43
Vanuatu	109	129	133	131	131	154
DEVELOPING ADB MEMBER ECONOMIES^a	25,876	23,134	24,790	22,468	24,179	32,305
DEVELOPING ECONOMIES WORLDWIDE^b	129,264	158,811	165,080	167,532	163,518	196,121

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: Net official development assistance refers to concessional flows to developing economies and multilateral institutions provided by official agencies, including state and local governments, or by their executing agencies, administered with the objective of promoting the economic development and welfare of developing economies, and containing a grant element of at least 25%. Net flow takes into account principal repayments for loans, offsetting entries for forgiven debt, and recoveries made on grants.

a For reporting economies only.

b Includes data for all developing economies as reported in the Organisation for Economic Co-operation and Development's OECD.Stat database.

Source: Organisation for Economic Co-operation and Development. OECD.Stat Database. <http://stats.oecd.org> (accessed 20 July 2022).

Table 2.4.17: Net Other Official Flows from All Sources to Developing Economies
(\$ million)

ADB Regional Member	2010	2016	2017	2018	2019	2020
Developing ADB Member Economies						
Central and West Asia^a	4,070.1	5,540.1	2,663.7	1,869.2	3,028.3	5,598.8
Afghanistan	71.2	97.2	56.1	0.2	14.8	-2.1
Armenia	288.3	197.2	157.6	156.7	225.3	82.1
Azerbaijan	179.9	1,114.7	1,738.5	490.7	343.6	-118.4
Georgia	250.2	486.6	262.1	218.9	411.9	851.3
Kazakhstan	2,247.2	441.4	-853.7	-586.6	-53.5	697.0
Kyrgyz Republic	18.3	-43.2	-6.0	51.2	33.4	15.3
Pakistan	345.3	1,102.3	378.2	-137.1	755.9	1,520.8
Tajikistan	6.4	13.6	15.6	48.2	75.4	62.5
Turkmenistan	647.4	926.1	532.3	127.6	-811.1	463.9
Uzbekistan	16.0	1,204.2	383.0	1,499.5	2,032.6	2,026.5
East Asia^a	3,355.5	896.3	1,036.2	818.7	1,086.2	1,273.9
China, People's Republic of	3,196.3	139.9	1,227.3	645.4	664.0	854.0
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	...	...	...	...	...	...
Mongolia	159.3	756.4	-191.1	173.3	422.2	419.9
Taipei, China	...	...	...	...	...	...
South Asia^a	6,175.1	3,653.6	3,636.7	2,831.4	3,289.3	6,841.1
Bangladesh	35.1	1,421.5	2,337.4	938.4	1,208.9	986.9
Bhutan	24.0	8.0	3.1	-5.2	6.4	5.3
India	5,967.5	1,935.6	1,190.1	1,650.9	1,899.4	5,310.5
Maldives	-33.9	-24.7	-23.8	18.0	-6.6	-17.3
Nepal	-6.9	0.7	-2.3	-0.2	51.2	3.1
Sri Lanka	189.3	312.6	132.3	229.5	130.0	552.6
Southeast Asia^a	3,916.6	3,110.3	60.5	4,789.0	5,858.8	8,703.3
Brunei Darussalam	...	...	...	...	...	...
Cambodia	-5.0	-12.3	84.1	-24.8	86.5	-35.1
Indonesia	1,783.7	3,708.7	2,963.1	3,793.7	1,804.8	2,633.6
Lao People's Democratic Republic	-120.5	38.6	74.7	34.1	20.6	-12.1
Malaysia	159.2	-1,494.5	-739.8	-963.0	1,971.0	-164.1
Myanmar	30.9	100.6	96.4	16.3	130.4	290.1
Philippines	-680.3	203.1	-32.2	956.5	456.8	6,306.7
Singapore	...	...	...	...	...	...
Thailand	-71.5	-39.3	-1,051.6	-614.0	718.6	-104.9
Timor-Leste	4.6	24.8	11.8	26.5	38.3	8.6
Viet Nam	2,815.4	580.6	-1,345.9	1,563.7	631.8	-219.5
The Pacific^a	4,982.0	-144.7	-164.0	-2.7	62.5	744.5
Cook Islands	9.7	-1.2	1.8	0.6	3.4	3.4 (2019)
Fiji	14.2	40.6	48.3	27.0	10.9	309.6
Kiribati	0.5	0.3	0.1	0.3	0.3	0.3 (2019)
Marshall Islands	-0.6	36.7	17.1	58.7	144.5	-30.4
Micronesia, Federated States of	0.8	2.3	1.5	0.2	0.1	-0.3
Nauru	0.3	62.5	19.4	0.4	0.1	0.1 (2019)
Niue	...	-	...	...	0.1	0.1 (2019)
Palau	6.4 (2011)	6.6	9.9	8.7	4.9	17.1
Papua New Guinea	4,892.3	-320.7	-267.2	-120.7	-181.4	451.5
Samoa	4.1	5.6	1.3	-0.2	0.7	-1.7
Solomon Islands	59.2	19.1	0.5	10.9	73.0	0.1
Tonga	0.3	2.5	1.2	2.3	2.0	-
Tuvalu	-0.1	0.2	0.1	0.2	0.2	-
Vanuatu	1.3	0.9	2.1	8.8	3.9	-1.4
DEVELOPING ADB MEMBER ECONOMIES^a	22,499.2	13,055.7	7,233.0	10,305.5	13,325.1	23,161.5
DEVELOPING ECONOMIES WORLDWIDE^b	70,855.8	29,290.3	21,548.1	29,675.9	19,812.1	46,915.9

... = data not available, - = magnitude equals zero, \$ = United States dollars, ADB = Asian Development Bank.

Note: Net other official flows refer to official sector transactions with economies on the Development Assistance Committee List of Official Development Assistance Recipients, which do not meet the conditions for eligibility as official development assistance, either because they are not primarily aimed at development or because they have a grant element of less than 25%. The Development Assistance Committee List of Official Development Assistance Recipients is available at <http://www.oecd.org/dac/financing-sustainable-development/development-finance-standards/daclist.htm>. Net other official flows also include net export credits. Net flow takes into account principal repayments for loans, offsetting entries for forgiven debt, and recoveries made on grants.

a For reporting economies only.

b Includes data for all developing economies as reported in the Organisation for Economic Co-operation and Development's OECD.Stat database.

Source: Organisation for Economic Co-operation and Development. OECD.Stat Database. <http://stats.oecd.org> (accessed 16 July 2022).

Capital Flows

Table 2.4.18: Net Private Flows from All Sources to Developing Economies

(\$ million)

ADB Regional Member	2010	2016	2017	2018	2019	2020
Developing ADB Member Economies						
Central and West Asia^a	-822	1,243	-1,184	-6,680	33	3,807
Afghanistan	-21	-5	3	1	2	0
Armenia	-69	179	88	88	107	4
Azerbaijan	798	404	146	205	483	501
Georgia	22	190	361	334	224	343
Kazakhstan	-1,511	-86	-3,000	-7,575	-1,020	2,707
Kyrgyz Republic	23	-23	15	12	-1	-11
Pakistan	-75	192	703	-86	93	69
Tajikistan	18	-2	-42	43	-18	41
Turkmenistan	-46	285	107	-26	-230	-120
Uzbekistan	39	108	436	323	394	272
East Asia^a	46,322	42,731	38,835	31,500	42,949	10,822
China, People's Republic of	46,301	42,145	38,767	31,290	42,360	12,032
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	...	...	...	...	...	...
Mongolia	22	586	68	210	589	-1,210
Taipei, China	...	...	...	...	...	...
South Asia^a	20,237	14,937	19,632	14,914	20,318	3,732
Bangladesh	-3	-380	225	30	332	346
Bhutan	18	-0	-1	-7	0	1
India	19,976	14,812	18,961	13,980	19,550	3,759
Maldives	38	17	-1	148	148	-39
Nepal	-11	6	53	25	30	26
Sri Lanka	218	482	394	739	259	-361
Southeast Asia^a	21,463	23,520	25,424	21,095	69,611	8,594
Brunei Darussalam	...	...	...	...	...	...
Cambodia	256	403	412	457	644	893
Indonesia	3,348	10,353	11,225	6,429	13,843	2,601
Lao People's Democratic Republic	172	44	72	27	97	4
Malaysia	6,573	2,133	2,961	79	9,102	502
Myanmar	260	356	452	415	559	715
Philippines	2,424	2,738	4,251	3,049	31,544	1,918
Singapore	...	...	...	...	...	...
Thailand	6,394	2,762	1,497	6,647	7,476	-1,127
Timor-Leste	-3	-42	15	4	8	-1
Viet Nam	2,038	4,772	4,537	3,989	6,337	3,089
The Pacific^a	978	925	1,211	-2,063	-1,091	-49
Cook Islands	-0	-1	0	-18	-1	...
Fiji	-3	-15	45	40	9	21
Kiribati	-0	-9	-1	9	5	...
Marshall Islands	974	9	572	-515	30	-254
Micronesia, Federated States of	3	714	453	-1,641	-1,215	-6
Nauru	-0 (2011)	-0	0	-0	-0	-12
Niue	-0 (2012)	0	0	0	0	2
Palau	3	9	10	9	8	2
Papua New Guinea	-40	211	134	8	61	177
Samoa	17	8	6	54	-3	-1
Solomon Islands	3	-1	-8	-0	3	0
Tonga	-10	-0	0	0	4	0
Tuvalu	1 (2011)	0	0	...	...	0
Vanuatu	31	1	-1	-10	9	21
DEVELOPING ADB MEMBER ECONOMIES^a	88,177	83,357	83,916	58,766	131,819	26,907
DEVELOPING ECONOMIES WORLDWIDE^b	324,145	128,540	235,112	96,427	216,914	-36,940

... = data not available, -0 or 0 = magnitude is less than half of unit employed, \$ = United States dollars, ADB = Asian Development Bank.

Note: Net private flows refer to the sum of direct investments and portfolio investments.

a For reporting economies only.

b Includes data for all developing economies as reported in the Organisation for Economic Co-operation and Development's OECD.Stat database.

Source: Organisation for Economic Co-operation and Development. OECD.Stat Database. <http://stats.oecd.org> (accessed 20 July 2022).

Table 2.4.19: Aggregate Net Resource Flows from All Sources to Developing Economies
(\$ million)

ADB Regional Member	2010	2016	2017	2018	2019	2020
Developing ADB Member Economies						
Central and West Asia^a	14,696	15,914	9,839	3,092	12,136	20,399
Afghanistan	6,285	4,162	3,871	3,793	4,154	4,205
Armenia	539	663	487	368	735	239
Azerbaijan	1,135	1,598	2,005	783	945	391
Georgia	861	1,139	1,070	1,142	1,128	2,235
Kazakhstan	948	418	-3,794	-8,083	-1,021	3,709
Kyrgyz Republic	413	254	344	442	375	449
Pakistan	3,203	4,255	3,445	1,164	2,862	4,178
Tajikistan	413	357	286	483	405	855
Turkmenistan	645	1,244	667	122	-1,016	380
Uzbekistan	253	1,823	1,458	2,878	3,569	3,757
East Asia^a	50,636	43,162	39,645	31,945	43,734	10,742
China, People's Republic of	50,169	41,494	39,004	31,230	42,415	10,843
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	...	...	...	...	...	...
Mongolia	468	1,668	641	715	1,319	-101
Taipei, China	...	...	...	...	...	...
South Asia^a	32,082	25,314	31,998	24,695	32,313	17,844
Bangladesh	1,360	3,574	6,345	4,011	5,922	6,707
Bhutan	140	60	121	95	185	209
India	28,774	19,427	23,349	18,093	23,999	8,477
Maldives	93	15	22	297	212	255
Nepal	749	1,071	1,320	1,477	1,414	1,787
Sri Lanka	966	1,168	842	721	581	409
Southeast Asia^a	31,744	32,776	31,656	31,870	80,279	26,463
Brunei Darussalam	...	...	...	...	...	...
Cambodia	932	1,119	1,352	1,215	1,697	2,230
Indonesia	6,456	13,953	14,468	11,185	14,980	6,541
Lao People's Democratic Republic	441	482	627	648	739	520
Malaysia	6,726	587	2,192	-918	11,071	394
Myanmar	646	1,993	2,090	2,143	2,732	3,868
Philippines	2,326	3,225	4,379	4,552	32,887	9,744
Singapore	...	...	...	...	...	...
Thailand	6,302	2,951	696	5,614	7,842	-1,141
Timor-Leste	292	207	259	238	276	258
Viet Nam	7,623	8,258	5,592	7,194	8,055	4,049
The Pacific^a	7,395	2,126	2,626	-167	713	3,169
Cook Islands	23	15	21	17	31	...
Fiji	87	143	239	188	149	525
Kiribati	24	52	77	90	62	58
Marshall Islands	998	58	661	-402	240	-102
Micronesia, Federated States of	68	767	552	-1,542	-1,122	165
Nauru	28	85	45	38	54	17
Niue	15	14	15	19	19	24
Palau	32	33	42	102	37	85
Papua New Guinea	5,366	422	400	678	528	1,638
Samoa	145	103	143	182	121	164
Solomon Islands	395	194	179	206	300	215
Tonga	57	85	88	100	114	163
Tuvalu	14	25	29	28	37	43
Vanuatu	142	131	134	130	143	173
DEVELOPING ADB MEMBER ECONOMIES^a	136,553	119,292	115,765	91,435	169,176	78,617
DEVELOPING ECONOMIES WORLDWIDE^b	523,963	315,874	421,016	293,035	399,365	200,133

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: Aggregate net resource flows refer to the sum of net official development assistance, net other official flows, and net private flows.

a For reporting economies only.

b Includes data for all developing economies as reported in the Organisation for Economic Co-operation and Development's OECD.Stat database.

Source: Organisation for Economic Co-operation and Development. OECD.Stat Database. <http://stats.oecd.org> (accessed 16 July 2022).

External Indebtedness

Table 2.4.20: Total External Debt of Developing Economies—Dollar Amounts
(\$ million)

ADB Regional Member	Total External Debt			External Debt (Public and Publicly Guaranteed)		
	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies						
Central and West Asia^a	224,376	294,713	384,816	68,355	107,668	163,234
Afghanistan	2,436	2,597	3,036	1,976	1,990	1,958
Armenia	6,307	8,831	13,094	2,560	3,998	5,616
Azerbaijan	7,251	13,319	15,812	3,812	8,712	14,000
Georgia	8,790	14,875	20,089	3,274	5,721	7,967
Kazakhstan	119,151	153,180	162,974	3,845	20,114	25,430
Kyrgyz Republic	4,118	7,720	8,697	2,446	3,431	3,837
Pakistan	63,098	68,599	116,506	43,700	49,137	78,893
Tajikistan	3,561	5,144	6,798	1,806	2,093	3,125
Turkmenistan	1,682	7,004	5,636	1,513	6,869	5,342
Uzbekistan	7,981	13,445	32,174	3,423	5,605	17,064
East Asia^a	2,083,992	3,211,096	4,912,415	112,111	151,192	426,012
China, People's Republic of	742,756	1,333,777	2,349,389	102,293	146,070	414,838
Hong Kong, China	879,034	1,300,348	1,878,975 (2021)	...	...	...
Korea, Republic of	354,693	396,064	632,394 (2021)	...	...	...
Mongolia	5,928	21,953	33,236	1,782	4,006	9,728
Taipei, China	101,581	158,954	213,592 (2021)	8,035	1,116	1,571 (2021)
South Asia^a	344,322	565,878	702,396	143,193	220,309	291,698
Bangladesh	26,572	35,967	67,749	21,146	24,377	49,029
Bhutan	935	2,011	2,869	919	1,945	2,818
India	290,428	478,826	564,179	100,563	162,305	192,785
Maldives	917	1,006	3,352	628	685	2,843
Nepal	3,787	4,143	7,905	3,507	3,543	7,056
Sri Lanka	21,684	43,925	56,342	16,430	27,453	37,167
Southeast Asia^a	569,454	816,467	893,510	273,837	355,734	428,248
Brunei Darussalam	...	...	...	...	...	...
Cambodia	4,010	9,436	17,562	3,060	5,638	8,758
Indonesia	198,278	307,749	417,532	102,748	159,571	248,419
Lao People's Democratic Republic	6,554	11,642	17,164	3,751	6,689	10,393
Malaysia	133,800	190,951	...	61,858	66,385	...
Myanmar	10,164	10,293	13,348	8,607	9,787	12,519
Philippines	65,350	76,261	98,480	45,086	38,855	56,220
Singapore	...	...	...	...	...	...
Thailand	106,358	132,186	204,147	15,929	22,396	39,540
Timor-Leste	76 (2012)	117	232	0 (2012)	46	220
Viet Nam	44,940	77,832	125,045	32,798	46,366	52,180
The Pacific^a	8,282	22,991	21,215	2,138	3,015	7,100
Cook Islands	99	75	71 (2019)	...	...	...
Fiji	1,107	1,233	1,518	426	678	903
Kiribati	14	33	47 (2019)	...	...	...
Marshall Islands	105	95	67	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	66	64	141	...	...	...
Papua New Guinea	5,987	20,387	17,971	1,042	1,501	5,112
Samoa	325	437	437	299	408	394
Solomon Islands	231	207	429	125	81	124
Tonga	154	184	194	144	175	185
Tuvalu	15	19	3	...	...	...
Vanuatu	178	257	456	103	172	383
DEVELOPING ADB MEMBER ECONOMIES^a	3,230,427	4,911,145	6,914,352	599,634	837,918	1,316,293
DEVELOPING ECONOMIES WORLDWIDE^{a,b}	5,829,271	8,443,325	11,219,446	1,786,551	2,528,706	3,445,304 (2019)

... = data not available, \$ = United States dollars, ADB = Asian Development Bank.

Note: Refers to the sum of public and publicly guaranteed long-term debt, private nonguaranteed long-term debt, use of International Monetary Fund credit, and estimated short-term debt.

a Regional aggregates include only reporting economies with data corresponding to the year heading.

b Refers to all low- and middle-income economies as classified by the World Bank. For developing member economies not covered by the World Bank, data are from the economies' official sources.

Source: World Bank. International Debt Statistics. <http://data.worldbank.org/data-catalog/international-debt-statistics> (accessed 7 July 2022); and Asian Development Bank estimates using economies' official sources.

External Indebtedness

Table 2.4.21: Total External Debt of Developing ADB Member Economies—Proportion of Income
(% of GNI)

ADB Regional Member	Total External Debt			External Debt (Public and Publicly Guaranteed)		
	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	15.3	13.5	15.0	12.4	10.3	9.6
Armenia	64.9	80.4	105.2	26.3	36.4	45.1
Azerbaijan	14.6	25.9	37.3	7.7	17.0	33.0
Georgia	73.1	101.8	133.0	27.2	39.1	52.7
Kazakhstan	92.6	88.7	104.4	3.0	11.6	16.3
Kyrgyz Republic	91.7	120.3	117.4	54.5	53.5	51.0
Pakistan	36.3	25.8	45.3	25.1	18.5	26.8
Tajikistan	51.1	52.5	71.1	25.9	21.4	32.8
Turkmenistan	8.1	20.8	15.0 (2019)	7.3	20.4	14.6 (2019)
Uzbekistan	15.8	15.3	53.9	6.8	6.4	28.6
East Asia						
China, People's Republic of	12.3	12.1	16.1	1.7	1.3	2.8
Hong Kong, China ^a	384.7	420.2	510.6 (2021)	...	...	...
Korea, Republic of	31.0	26.9	34.5 (2021)	...	...	...
Mongolia	89.7	206.1	275.8	27.0	37.6	80.7
Taipei, China ^{a,b}	22.9	29.7	27.6 (2021)	1.8	0.2	0.2 (2021)
South Asia						
Bangladesh	21.3	17.3	20.0	17.0	11.7	12.6
Bhutan	64.0	108.1	132.1	63.0	104.5	129.7
India	17.5	23.0	21.4	6.1	7.8	7.3
Maldives	40.3	26.6	96.9	27.6	18.1	82.7
Nepal	23.5	16.8	23.2	21.8	14.3	20.9
Sri Lanka	38.6	55.9	71.8	29.3	34.9	47.2
Southeast Asia						
Brunei Darussalam	...	...	...	...	...	...
Cambodia	37.4	55.7	70.8	28.5	33.3	35.2
Indonesia	27.0	37.0	40.5	14.0	19.2	24.1
Lao People's Democratic Republic	98.1	84.5	94.8	56.2	48.5	58.2
Malaysia ^b	54.2	66.3	...	24.3	22.0	...
Myanmar ^b	0.2	17.0	17.2	...	15.6	15.4 (2019)
Philippines	28.2	22.3	25.3	19.5	11.4	14.4
Singapore	...	...	...	...	...	...
Thailand	32.5	34.7	41.9	31.3	43.7	24.6
Timor-Leste	1.8 (2012)	4.2	9.7	0.0 (2012)	1.6	9.2
Viet Nam	40.3	43.0	48.9	23.0	20.4	15.9
The Pacific						
Cook Islands ^a	41.0	25.0	12.3 (2019)	...	...	...
Fiji	36.4	28.0	35.7	14.0	15.4	21.0
Kiribati ^a	8.5	20.0	23.0 (2019)	...	...	...
Marshall Islands ^a	62.7	52.2	28.0 (2019)	...	...	...
Micronesia, Federated States of ^a	28.9	25.6	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau ^a	36.2	23.1	31.1 (2019)	...	...	...
Papua New Guinea	45.4	95.6	73.7	7.9	7.0	21.0
Samoa	50.5	56.7	56.3	46.5	52.8	50.7
Solomon Islands	28.7	16.2	27.1	15.6	6.3	7.8
Tonga	40.6	41.8	36.7	37.9	1.5	1.1
Tuvalu ^a	49.1	53.5	5.5	...	...	...
Vanuatu	27.4	34.5	46.9	0.8	0.8	1.5

... = data not available, 0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank, GNI = gross national income.

a For total external debt as a percentage of GNI, gross domestic product is used in lieu of GNI.

b For public and publicly guaranteed external debt as a percentage of GNI, gross domestic product is used in lieu of GNI.

Sources: For total external debt (% of GNI): World Bank. International Debt Statistics. <http://data.worldbank.org/data-catalog/international-debt-statistics> (accessed 18 July 2022); and economies' official sources. For public and publicly guaranteed external debt (% of GNI): Asian Development Bank estimates using the World Bank's International Debt Statistics; and economies' official sources.

External Indebtedness

Table 2.4.22: Total External Debt of Developing ADB Member Economies—Proportion of Exports
(% of exports of goods, services, and primary income)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	88.7	152.4	188.7	189.5	141.1	142.4	176.9
Armenia	193.5	219.6	223.5	188.5	183.3	178.5	310.1
Azerbaijan	25.1	62.6	78.9	72.4	59.8	62.8	92.7
Georgia	191.5	213.9	230.1	189.0	170.2	171.8	291.6
Kazakhstan	174.7	287.6	373.0	282.6	225.0	232.3	299.6
Kyrgyz Republic	181.2	314.6	327.5	311.9	293.9	268.6	354.1
Pakistan	219.6	234.4	272.4	303.5	315.4	346.3	419.2
Tajikistan	158.4	200.6	230.3	208.1	228.8	230.3	230.5
Turkmenistan	...	...	...	...	...	...	...
Uzbekistan	60.5	97.0	121.4	111.2	102.3	112.3	199.7
East Asia							
China, People's Republic of	41.3	51.6	58.3	62.7	67.2	72.8	79.0
Hong Kong, China ^a	149.2	168.8	177.6	190.5	190.6	195.1	195.3 (2021)
Korea, Republic of ^a	62.4	59.5	60.3	58.9	57.7	67.1	77.2 (2021)
Mongolia	173.2	422.7	433.8	406.6	375.2	359.2	416.1
Taipei, China ^a	30.0	38.8	45.3	43.1	44.0	43.8	39.2 (2021)
South Asia							
Bangladesh	122.1	102.4	101.9	119.2	117.1	126.5	173.7
Bhutan	154.0	268.8	343.4	349.4	310.8	331.8	351.5
India	81.1	108.0	102.1	100.7	93.3	98.5	111.2
Maldives	45.6	31.9	38.7	45.5	64.9	71.2	186.8
Nepal	212.7	154.5	166.9	165.9	163.0	190.0	346.9
Sri Lanka	189.8	257.3	265.5	263.6	258.0	285.4	424.2
Southeast Asia							
Brunei Darussalam	...	...	...	...	...	...	...
Cambodia	65.8	69.2	68.5	70.2	71.2	70.3	83.8
Indonesia	117.6	176.7	185.6	177.0	171.6	193.8	227.6
Lao People's Democratic Republic	284.0	251.7	259.8	254.3	237.9	235.9	262.3
Malaysia ^a	57.3	86.1	94.2	...	...	...	...
Myanmar	129.5	70.7	72.4	72.8	62.7	58.9	...
Philippines	106.7	93.3	89.5	75.2	77.1	77.3	107.8
Singapore ^a	...	...	...	...	...	...	...
Thailand	45.7	47.8	49.1	51.6	51.1	53.7	75.3
Timor-Leste	1.9 (2012)	8.3	12.3	14.2	15.7	15.5	30.9
Viet Nam	56.1	44.8	45.2	45.5	41.1	41.5	42.9
The Pacific							
Cook Islands ^a	61.5	20.8	16.9	15.2	14.0	14.1	...
Fiji	58.7	52.5	54.6	49.9	45.5	49.7	117.4
Kiribati ^a	13.7	11.9	17.4	16.1	16.5	14.3	...
Marshall Islands ^a	94.1	57.2	55.5	47.7	42.7	38.1	35.5
Micronesia, Federated States of	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...
Palau ^a	62.8	35.1	43.1	48.7	55.8	60.3	163.1
Papua New Guinea	98.2	236.6	231.3	167.6	166.8	159.5	191.8
Samoa	154.0	182.6	162.7	155.8	139.4	118.9	347.0
Solomon Islands	68.9	35.9	44.2	59.3	44.7	54.7	88.4
Tonga	283.9	208.5	142.8	138.3	120.0	111.1	127.5
Tuvalu ^a	64.1	57.2	45.5	12.0	7.5	12.5	...
Vanuatu	48.9	71.7	71.2	92.8	81.1	90.5	172.2

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

a External debt as a percentage of exports of goods, services, and primary income was derived using balance-of-payments data.

Sources: World Bank. International Debt Statistics. <http://data.worldbank.org/data-catalog/international-debt-statistics> (accessed 7 July 2022); and Asian Development Bank estimates using economies' official sources.

External Indebtedness

Table 2.4.23: Total Debt Service Paid by Developing ADB Member Economies

ADB Regional Member	Debt Service Payment (\$ million)				Debt Service Payment (% of exports of goods, services, and primary income)			
	2010	2015	2018	2020	2010	2015	2018	2020
Developing ADB Member Economies								
Central and West Asia^a	48,060	48,071	50,510	52,368				
Afghanistan	10	57	63	46	0.4	3.3	3.3	2.7
Armenia	969	1,546	1,667	1,472	29.7	38.4	28.5	34.9
Azerbaijan	414	1,907	2,682	1,836	1.4	9.0	9.9	10.8
Georgia	803	2,158	2,435	2,435	17.5	31.0	23.9	35.3
Kazakhstan	39,475	34,846	33,643	30,605	57.9	65.4	48.2	56.3
Kyrgyz Republic	557	413	564	629	24.5	16.8	20.3	25.6
Pakistan	4,319	4,109	6,026	9,000	15.0	14.0	19.1	32.4
Tajikistan	695	314	587	913	30.9	12.2	22.0	31.0
Turkmenistan	199	1,474	1,833	2,093	...	...	...	...
Uzbekistan	617	1,247	1,011	3,339	4.7	9.0	5.8	20.7
East Asia^a	58,805	134,639	257,935	284,566				
China, People's Republic of	52,104	126,687	240,940	273,800	2.9	4.9	8.3	9.2
Hong Kong, China	...	...	...	...	...	...	...	...
Korea, Republic of ^b	2,843	...	...	...	...	...	...	...
Mongolia	239	1,833	7,775	1,901	7.0	35.3	97.9	23.8
Taipei, China ^b	3,620	6,119	9,220	10,668 (2021)	1.1	1.6	2.3	2.1 (2021)
South Asia^a	27,284	55,341	74,684	85,948				
Bangladesh	1,106	1,634	2,869	3,867	5.1	4.7	6.4	9.9
Bhutan	87	129	87	58	14.4	17.2	10.6	7.1
India	24,413	49,662	63,647	76,239	6.8	11.2	11.4	15.0
Maldives	81	139	442	285	4.0	4.4	12.3	15.9
Nepal	188	226	244	275	10.6	8.4	7.2	12.1
Sri Lanka	1,408	3,551	7,396	5,223	12.3	20.8	36.1	39.3
Southeast Asia^a	62,061	111,229	104,080	136,067				
Brunei Darussalam	...	...	...	...	...	...	...	...
Cambodia	65	691	1,279	1,488	1.1	5.1	6.7	7.1
Indonesia	31,569	60,273	55,469	67,411	18.7	34.6	25.1	36.7
Lao People's Democratic Republic	302	421	869	1,034	13.1	9.1	13.4	15.8
Malaysia ^b	5,568	13,502	10,383 (2016)	...	2.4	6.1	4.9 (2016)	...
Myanmar	244	524	839	588	3.1	3.6	4.9	3.7 (2019)
Philippines	11,461	10,576	8,800	9,251	18.7	12.9	8.6	10.1
Singapore	...	...	...	...	...	...	...	...
Thailand	10,965	18,610	18,630	16,833	4.7	6.7	5.5	6.2
Timor-Leste	0 (2012)	1	3	8	-	0.1	0.3	1.1
Viet Nam	1,880	6,631	18,197	16,358	2.3	3.8	7.0	5.6
The Pacific^a	931	1,507	3,009	1,665				
Cook Islands ^{b,c}	3	5	6	4 (2019)	57.9	26.9	30.3	...
Fiji	59	340	108	275	3.1	14.5	3.9	21.3
Kiribati	1	1	1	2 (2019)	4.4	4.0	3.0	7.0 (2019)
Marshall Islands	9	8	7	7	11.7	8.5	9.6	8.1
Micronesia, Federated States of	5	7	6	...	13.5	8.1	3.6	...
Nauru	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...
Papua New Guinea	812	1,098	2,779	1,326	13.3	12.7	26.1	14.1
Samoa	11	21	30	24	5.0	8.8	9.9	18.7
Solomon Islands	21	14	40	9	6.2	2.4	5.6	1.9
Tonga	5	6	10	6	9.3	7.3	6.6	3.9
Tuvalu	...	...	...	...	...	...	...	...
Vanuatu	6	7	20	19	1.6	1.9	4.1	7.3
DEVELOPING ADB MEMBER ECONOMIES^a	197,078	349,370	488,380	457,468				

... = data not available, 0 or 0.0 = magnitude is less than half of unit employed, \$ = United States dollars, ADB = Asian Development Bank.

a Aggregates include only reporting economies with data corresponding to the year heading.

b Refers to principal repayments on long-term debt plus interest on short-term and long-term debt.

c Refers to debt service as a percentage of total exports, as reflected under "Direction of Trade" in the individual economy table available via the Key Indicators Database at <https://kiddb.adb.org>.

Sources: World Bank. International Debt Statistics Online. <http://data.worldbank.org/data-catalog/international-debt-statistics> (accessed 5 July 2022); economies' official sources; and Asian Development Bank estimates using economies' official sources.

Tourism

Table 2.4.24: International Tourist Arrivals
(‘000)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia^a	9,288	12,458	12,825	15,707	22,370	25,095	...	...
Afghanistan	...	...	...	...	...	...	...	...
Armenia	684	1,192	1,260	1,495	1,652	1,894	360*	870*
Azerbaijan	1,280	1,922	2,044	2,454	2,633	2,864	519*	...
Georgia	1,067	3,012	3,297	4,069	4,757	5,080	1,087*	1,577*
Kazakhstan	2,991	...	...	...	...	...	...	...
Kyrgyz Republic	1,224	4,000	3,853	4,568	6,947	8,508	...	...
Pakistan	907	...	...	...	...	...	...	...
Tajikistan	160	414	344	431	1,035	1,257	351*	...
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	975	1,918	2,027	2,690	5,346	6,749	1,504*	...
East Asia^a	90,570	107,630	114,159	113,169	119,106	119,396	13,282*	...
China, People's Republic of	55,664	56,886	59,270	60,740	62,900	65,700	7,967*	...
Hong Kong, China	20,085	26,686	26,553	27,884	29,263	23,752	1,359*	89*
Korea, Republic of	8,798	13,232	17,242	13,336	15,347	17,503	2,519*	967*
Mongolia	456	386	404	469	529	577	59*	33*
Taipei, China	5,567	10,440	10,690	10,740	11,067	11,864	1,378*	140*
South Asia^a	8,005	17,136	19,052	20,481	22,955	23,367	7,821*	...
Bangladesh	139	126	182	237	267	323	168*	...
Bhutan	41	155	210	255	274	316	30*	...
India	5,776	13,284	14,570	15,543	17,423	17,914	6,330*	...
Maldives	792	1,234	1,286	1,390	1,484	1,703	555*	1,322*
Nepal	603	539	753	940	1,173	1,197	230*	150*
Sri Lanka	654	1,798	2,051	2,116	2,334	1,914	508*	194*
Southeast Asia^a	70,471	104,243	110,771	120,569	128,620	138,592	25,451*	...
Brunei Darussalam	214	218	219	259	278	333	62*	...
Cambodia	2,508	4,775	5,012	5,602	6,201	6,611	1,306*	196*
Indonesia ^b	7,003	9,963	11,072	12,948	13,396	15,455	3,915*	...
Lao People's Democratic Republic	1,670	3,543	3,315	3,257	3,770	4,384	812*	...
Malaysia	24,577	25,721	26,757	25,948	25,832	26,101	4,333*	135*
Myanmar	792	4,681	2,907	3,443	3,551	4,364	903*	...
Philippines	3,520	5,361	5,967	6,621	7,168	8,261	1,483*	164*
Singapore	9,161	12,052	12,913	13,903	14,673	15,119	2,086*	...
Thailand	15,936	29,923	32,530	35,592	38,178	39,874	6,696*	428*
Timor-Leste	40	62	66	74	75	81	18*	...
Viet Nam	5,050	7,944	10,013	12,922	15,498	18,009	3,837*	157*
The Pacific^a	1,310	1,570	1,619	1,634	1,693	1,755	291*	...
Cook Islands	104	125	146	161	169	172	25*	26*
Fiji	632	755	792	843	870	894	147*	32*
Kiribati	5	4	6	6	7	8	1*	...
Marshall Islands	5	6	5	6	7	6	1*	...
Micronesia, Federated States of	45	31	30	...	19	18	...	...
Nauru	...	...	...	...	...	...	...	...
Niue	6	8	9	10	11	10	1*	...
Palau	85	162	138	123	106	94	18*	5*
Papua New Guinea	140	183	179	139	140	160	39*	...
Samoa	122	128	134	146	164	172	23*	...
Solomon Islands	21	22	23	26	28	29	4*	...
Tonga	47	54	59	63	54	67	9*	...
Tuvalu	2	2	3	3	3	4	1*	...
Vanuatu	97	90	95	109	116	121	22*	...
Developed ADB Member Economies^a	16,836	30,225	35,678	41,061	44,123	45,050	6,892*	...
Australia	5,790	7,449	8,269	8,815	9,246	9,466	1,828*	246*
Japan	8,611	19,737	24,039	28,691	31,191	31,882	4,116*	246*
New Zealand	2,435	3,039	3,370	3,555	3,686	3,702	948*	...
DEVELOPING ADB MEMBER ECONOMIES^a	179,644	243,037	258,425	271,560	294,744	309,462	...	...
ALL ADB REGIONAL MEMBERS^a	196,480	273,262	294,104	312,621	338,867	353,255	...	...
WORLD^c	955,675	1,197,427	1,240,866	1,332,972	1,413,000	1,466,000	405,000*	427,000*

... = data not available, | = marks break in series, * = provisional or preliminary, ADB = Asian Development Bank.

Note: For Australia; Japan; the Kyrgyz Republic; the Republic of Korea; Taipei, China; Tajikistan; Uzbekistan; and Viet Nam: Data refer to international visitor arrivals at frontiers (including tourists and same-day visitors). For the rest of the economies: Data refer to international tourist arrivals at frontiers (overnight visitors only, i.e., excluding same-day visitors).

a Includes only reporting economies with data corresponding to the year heading.

b Prior to 2015, data refer to international tourist arrivals at frontiers (overnight visitors only, i.e., excluding same-day visitors). For 2015 onward, data refer to international visitor arrivals at frontiers (including tourists and same-day visitors).

c These aggregations were calculated by the World Tourism Organization, with approximations based on trends in the economies with data available.

Sources: United Nations World Tourism Organization. UNWTO.eLibrary. <https://www.e-unwto.org> (accessed 14 June 2022) and World Tourism Barometer and Statistical Annex, May 2022. <https://www.e-unwto.org/doi/abs/10.18111/wtobarometereng.2022.20.1.3>.

Table 2.4.25: International Tourism Receipts
(\$ million)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia^a	3,631	7,568	8,965	10,535	11,470	11,757	2,603*	3,935*
Afghanistan	75	79	49	2	28	72	65*	...
Armenia	646	936	1,017	1,204	1,329	1,528	293*	720*
Azerbaijan	657	2,309	2,714	3,012	2,634	1,792	304*	313*
Georgia	659	1,868	2,111	2,704	3,222	3,269	542*	1,245*
Kazakhstan	1,005	1,632	1,858	2,135	2,255	2,463	459*	535*
Kyrgyz Republic	160	426	432	429	459	644	151*	...
Pakistan	305	317	322	352	390	494	438*	558*
Tajikistan	3	1	4	8	9	14	6*	11*
Turkmenistan	...	...	...	...	...	...	...	...
Uzbekistan	121	...	458	689	1,144	1,481	345*	553*
East Asia	86,731	110,195	103,406	96,347	108,387	100,536	24,915*	24,308*
China, People's Republic of	45,814	44,969	44,432	38,559	40,386	35,832	9,951*	11,328*
Hong Kong, China	21,689	35,795	31,398	31,709	35,268	28,913	2,859*	1,738*
Korea, Republic of	10,263	14,798	16,886	13,368	18,567	20,867	10,276*	10,457*
Mongolia	244	246	316	396	461	513	29*	...
Taipei, China	8,721	14,387	10,374	12,315	13,705	14,411	1,800*	785*
South Asia^a	17,244	27,290	29,203	35,117	37,074	38,697	15,611*	13,935*
Bangladesh	81	150	214	341	353	388	217*	272*
Bhutan	40	94	92	103	103	120	84*	...
India	14,490	21,013	22,427	27,365	28,568	30,720	13,036*	13,036*
Maldives	1,713	2,569	2,506	2,744	3,028	3,157	1,398*	...
Nepal	344	483	446	639	641	705	194*	120*
Sri Lanka	576	2,981	3,518	3,925	4,381	3,607	682*	507*
Southeast Asia^a	68,484	105,091	112,990	126,174	138,235	146,910	30,632*	10,182*
Brunei Darussalam	...	147	144	177	190	217	16*	...
Cambodia	1,519	3,137	3,212	3,639	4,362	4,769	1,015*	184*
Indonesia	6,958	10,761	11,206	13,139	16,426	16,911	3,382*	521*
Lao People's Democratic Republic	382	724	716	648	811	935	213*	...
Malaysia	18,152	17,666	18,085	18,385	19,608	19,829	2,988*	96*
Myanmar	72	2,120	2,197	1,969	1,652	2,483	...	...
Philippines	2,645	5,272	5,143	6,988	8,240	9,781	1,791*	600*
Singapore	14,178	16,617	18,943	19,890	20,422	20,313	5,176*	3,808*
Thailand	20,104	41,246	44,786	52,376	56,366	59,810	13,525*	4,812*
Timor-Leste	24	51	58	73	78	70	26*	12*
Viet Nam	4,450	7,350	8,500	8,890	10,080	11,792	2,500*	149*
The Pacific^a	1,256	1,640	1,746	1,865	1,842	...	...	...
Cook Islands	111	173	202	230	234	228	...	...
Fiji	635	817	878	942	969	963	154*	35*
Kiribati	4	2	3	4	3	3	-	...
Marshall Islands	4	1	5	7	9	...	...	...
Micronesia, Federated States of	24	25	...	...	...	...	...	...
Nauru	1	2	3	4	2	...	...	...
Niue	...	...	7	8	...	...	...	...
Palau	73	149	141	116	...	...	...	...
Papua New Guinea	2	2	1	2	3	2	1*	...
Samoa	123	142	148	166	192	207	24*	...
Solomon Islands	44	51	59	67	81	71	...	...
Tonga	16	43	51	48	48	57	40*	...
Tuvalu	2	5	5	6	6	8	...	...
Vanuatu	217	228	243	265	295	278	62*	...
Developed ADB Member Economies^a	48,219	68,701	77,544	86,406	98,152	102,296	42,271*	24,774*
Australia	28,472	34,269	37,019	41,747	45,098	45,709	25,820*	16,988*
Japan	13,224	24,968	30,752	34,065	42,093	46,054	10,700*	4,730*
New Zealand	6,523	9,464	9,773	10,594	10,961	10,533	5,751*	3,056*
DEVELOPING ADB MEMBER ECONOMIES^a	177,599	251,721	259,193	271,470	298,153	299,481	78,997*	...
ALL ADB REGIONAL MEMBERS^a	225,818	320,422	336,737	357,860	396,159	401,777	121,268*	...
WORLD^b	979,163	1,221,823	1,246,391	1,347,047	1,456,664	1,483,000	546,000*	602,000*

... = data not available, * = provisional or preliminary, \$ = United States dollars, ADB = Asian Development Bank.

a Includes only reporting economies with data corresponding to the year heading.

b Aggregations were calculated by the United Nations World Tourism Organization, with estimates made for nonreporting economies based on the previous year's values and the trend in neighboring economies.

Sources: United Nations World Tourism Organization. UNWTO.eLibrary. <https://www.e-unwto.org> (accessed 14 June 2022); and United Nations World Tourism Organization. 2022. *World Tourism Barometer, Statistical Annex*. Volume 20.

Data Issues and Comparability

Most of the data on international transactions presented in this section were taken from balance-of-payments statistics as reported by individual economies. IMF guidelines are followed by most governments in compiling these statistics. However, authorities have difficulty accurately recording nonofficial transactions such as migrant workers' remittances and private capital flows, which is one of the reasons that the IMF's Balance of Payments Manual (BPM) was updated to the sixth edition (BPM6) in 2009. All economies in the region have adopted BPM6 in recent years except two economies, which still rely on BPM5. However, there is not a single framework for an extended time series available for all economies. There are 20 economies reporting a mix of BPM5 and BPM6, and three economies reporting a mix of BPM4 and BPM6. This therefore affects the comparability of data across economies.

The World Trade Organization and other international agencies closely monitor international trade statistics. Common definitions are used by all economies, with the larger economies throughout Asia and the Pacific using standard forms and procedures for data processing.

Data on official development assistance, other official flows, and private direct investment and other private capital are compiled by the Organisation for Economic Co-operation and Development's Development Assistance Committee. These data are standardized on a calendar-year basis for all donors, but may have discrepancies for some economies owing to the fiscal-year data available in budget documents. Commitments from donors do not necessarily translate to actual disbursements to recipient economies of official development assistance.

Table 2.5.1: Road Indicators—Total Network, Passenger Kilometers Travel, Freight Kilometers Travel

ADB Regional Member	Road Indicators Network, Total (km)			Road Passenger Travel ^a (p-km million)			Road Freight Kilometers Travel ^b (t-km million)		
	2010	2015	2020	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	19,138 (2011)	37,090	...	...	...	...	6,796.0 (2011)	4,423.0	...
Armenia	9,125	10,368	11,274	2,344.3	2,395.9	707.0	235.8	479.4	899.0
Azerbaijan	18,977	19,016	19,228	16,633.0	23,825.0	16,974.0	11,728.0	16,038.0	8,801.0
Georgia	19,040	20,553	21,110	...	...	...	619.7	664.3	712.1
Kazakhstan	96,018	96,529	95,768	...	...	...	80,300.0	161,864.0	185,197.3 (2018)
Kyrgyz Republic	...	...	...	7,209.5	9,005.6	7,980.3 (2021)	1,281.5	1,401.7	1,375.4 (2021)
Pakistan	260,040	263,942	270,972 (2019)	...	...	...	...	...	...
Tajikistan	...	...	...	...	510.1 (2017)	...	50,745.7	68,304.1	79,075.9
Turkmenistan	...	...	13,773	27,657.0	...	...	11,399.0	...	...
Uzbekistan	...	...	...	78,400.0	109,100.0	124,141.2 (2019)	24,464.2	12,800.0	15,879.3 (2019)
East Asia									
China, People's Republic of	4,008,200	4,577,300	5,198,100	1,502,080.0	1,074,270.0	464,100.0	4,338,970.0	5,795,570.0	6,017,180.0
Hong Kong, China	2,076	2,101	2,150	...	...	...	...	...	...
Korea, Republic of	...	99,024	104,828	104,671.0	385,018.1	...	103,898.0	132,382.0	...
Mongolia	...	109,567 (2017)	111,942	1,480.2	1,940.5	1,023.0 (2021)	1,834.0	2,374.0	2,314.0 (2021)
Taipei, China	40,335	41,952	42,138	...	...	...	29,631.6	37,805.3	44,550.3
South Asia									
Bangladesh	21,269	21,365	21,128 (2018)	...	...	...	...	...	...
Bhutan	4,661	11,177	18,265	...	...	...	...	...	...
India	4,582,439	5,472,144	6,386,297 (2019)	8,409,000.0	15,428,000.0	22,582,000.0 (2018)	1,287,300.0	2,027,400.0	2,697,000.0 (2018)
Maldives	...	...	...	...	...	...	...	...	...
Nepal	11,636 (2011)	12,898	11,179	...	...	...	...	...	...
Sri Lanka	29,119	31,280	31,144 (2018)	...	...	...	...	...	...
Southeast Asia									
Brunei Darussalam	3,127 (2011)	3,355	3,720	...	...	...	...	...	...
Cambodia	44,709 (2009)	...	61,534 (2019)	...	...	...	...	...	...
Indonesia	487,314	529,073	548,366	...	...	...	...	...	...
Lao People's Democratic Republic	47,491	56,332	58,264 (2019)	2,556.0	3,202.1	4,060.0	513.0	434.7	535.2
Malaysia	144,403	214,813	267,046	...	...	...	...	...	...
Myanmar	...	...	133,277 (2019)	...	40,840.0	28,581.8 (2019)	507.9	419.4	158.4 (2019)
Philippines	31,242	32,633	33,120	...	...	...	...	...	...
Singapore	8,895	9,246	9,530	...	...	...	...	...	...
Thailand	...	...	702,577 (2021)	452,040.0	663,561.0	735,051.0 (2019)	185.9	193.9	191.0 (2019)
Timor-Leste	...	8,701	8,811 (2018)	...	...	...	...	...	...
Viet Nam	...	309,969 (2016)	277,167 (2019)	69,197.4	105,382.2	144,061.2 (2019)	36,179.0	51,514.9	76,529.1 (2019)
The Pacific									
Cook Islands	...	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...
Papua New Guinea	...	30,000 (2016)	...	...	...	...	...	...	...
Samoa	1,152 (2012)	...	...	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...	...
Tuvalu	...	120 (2017)	...	...	...	...	...	...	...
Vanuatu	1,776 (2012)	2,241 (2014)	2,048 (2018)	...	...	...	...	...	...
Developed ADB Member Economies									
Australia	872,292	874,143	877,651 (2018)	320,040.0	343,200.0	329,940.0 (2021)	186,100.0	207,300.0	230,100.0 (2021)
Japan	1,210,000	1,221,000	1,226,000 (2019)	77,677.0	71,443.5	65,556.0 (2019)	243,150.0	204,316.0	213,836.0 (2019)
New Zealand	94,126	94,822	96,963 (2021)	...	...	...	21,268.0	23,843.0	27,502.0

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

a A passenger-kilometer, abbreviated as p-km, is a unit of measurement representing the transport of 1 passenger by a defined mode of transport over 1 kilometer.

b A ton-kilometer, abbreviated as t-km, is a unit of measurement representing the transport of 1 metric ton of goods (including packaging and tare weights of intermodal transport units) by a defined mode of transport over 1 kilometer. Only the distance on the national territory of the reporting economy is taken into account for national, international and transit transport.

Source: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022).

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Table 2.5.2: Road Indicators—Registered Vehicles

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020
Developing ADB Member Economies							
Central and West Asia							
Afghanistan	1,238,332 (2011)	1,887,263	1,906,938	1,936,686	1,951,428	1,980,033	...
Armenia	...	...	...	...	...	...	...
Azerbaijan	...	...	...	...	...	...	...
Georgia	702,700	1,081,400	1,167,200	1,228,100	1,289,100	1,339,300	1,404,400 (2021)
Kazakhstan	3,087,600	3,856,520	4,383,139	4,292,232	4,252,868	4,230,462	4,375,457
Kyrgyz Republic	...	...	...	...	...	...	...
Pakistan	7,853,002	17,826,048	21,057,912	23,812,676	26,566,167	29,106,354	...
Tajikistan	...	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...
East Asia							
China, People's Republic of	77,216,700	161,614,900	184,501,300	208,083,900	231,232,300	252,571,200	272,088,300
Hong Kong, China	664,726	798,316	818,316	840,597	865,661	879,154	913,477
Korea, Republic of	...	23,151,659	23,984,039	24,724,770	25,410,979	25,914,261	26,019,150
Mongolia	608,274 (2012)	789,720	841,552	900,145	970,880	1,043,028	1,234,701 (2021)
Taipei, China	22,226,684	21,510,650	21,704,365	21,871,240	22,111,807	22,111,807	22,597,694 (2021)
South Asia							
Bangladesh	1,509,028	2,463,298	2,879,708	3,300,094	3,797,466	4,301,596	...
Bhutan	53,382	75,190	84,297	92,008	100,544	88,264	92,167
India	127,745,972	210,023,289	230,030,598	253,311,000	260,164,525	282,308,500	...
Maldives	46,028	77,776	87,126	97,213	108,532	...	...
Nepal	1,178,911	2,339,169	2,783,428	3,221,042	3,539,519	...	...
Sri Lanka	3,954,311	6,302,141	6,795,469	7,247,122	7,727,921	8,095,224	...
Southeast Asia							
Brunei Darussalam	165,849 (2009)	267,281	277,332	277,200	282,265	289,978	...
Cambodia	...	...	...	...	...	...	...
Indonesia	76,907,127	118,985,191	126,270,428	128,765,933	138,969,561	126,435,952	132,898,416
Lao People's Democratic Republic	1,008,788	1,717,144	1,850,020	1,979,606	2,105,207	2,233,685	2,343,240
Malaysia	20,188,565	26,301,952	27,613,259	26,350,246	29,277,453	30,497,054	31,642,275
Myanmar	2,147,404	5,077,699	5,541,361	6,337,002	6,853,995	7,092,843	...
Philippines	6,634,855	8,706,607	9,251,565	10,410,814	11,595,434	12,725,305	13,302,609 (2021)
Singapore	945,829	957,246	956,430	961,842	957,006	973,101	988,755 (2021)
Thailand	28,484,829	36,731,023	39,124,339	38,308,763	39,551,789	40,712,048	41,471,345
Timor-Leste	10,940	17,801	19,498	21,969	23,974	...	...
Viet Nam	1,274,000	2,107,000	2,516,000	2,902,000	3,148,400	...	...
The Pacific							
Cook Islands	...	...	...	...	...	...	...
Fiji	81,926	101,425	110,763	117,623	119,960	...	...
Kiribati	...	...	...	...	...	...	...
Marshall Islands	2,464 (2008)	...	...	...	...	...	...
Micronesia, Federated States of	7,662	8,509	9,160	8,584	9,777	11,807	...
Nauru	1,737 (2011)	...	...	...	...	...	...
Niue	926 (2011)	1,785 (2014)	...	...	...	...	...
Palau	5,643	5,832 (2014)	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...
Samoa	16,394 (2011)	17,449 (2013)	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...	...
Tonga	19,432	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...
Vanuatu	5,368 (2009)	...	...	...	...	...	...
Developed ADB Member Economies							
Australia	16,061,100	18,007,600	18,387,200	18,781,100	19,173,300	19,505,100	19,933,313 (2021)
Japan	78,473,135	80,670,393	80,900,730	81,260,206	81,563,101	81,789,318	81,849,782
New Zealand	3,415,436	3,811,916	3,971,905	4,137,304	4,267,559	4,384,598	4,435,286

... = data not available, ADB = Asian Development Bank.

Source: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022).

Table 2.5.3: Road Indicators—Safety

ADB Regional Member	Estimated Road Traffic Deaths, 2016		Road User Deaths, 2016 ^a (%)				
	Total	Death Rate (per 100,000 people)	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	15.1	...	...	...	...	...
Armenia	499	17.1	59.6	1.5	0.4	34.8	3.7
Azerbaijan	845	8.7	51.8	0.9	0.9	42.0	4.3
Georgia	599	15.3	44.9	0.5	0.7	26.5	27.4
Kazakhstan	3,158	17.6	59.8	4.3	1.7	30.9	3.3
Kyrgyz Republic	916	15.4	27.6	2.1	0.2	40.0	30.0
Pakistan	27,582	14.3	...	...	...	...	...
Tajikistan	1,577	18.1	57.4	...	2.3	40.3	-
Turkmenistan	823	14.5	...	...	...	...	...
Uzbekistan	3,617	11.5	...	...	...	...	...
East Asia^b	261,669	17.9					
China, People's Republic of	256,180	18.2	...	...	...	...	...
Hong Kong, China	...	...	...	...	...	...	...
Korea, Republic of	4,990	9.8	...	20.5	5.9	39.9	33.7
Mongolia	499	16.5	39.3	18.6	1.2	28.7	12.2
Taipei, China	...	...	...	...	...	...	...
South Asia	331,906	21.6					
Bangladesh	24,954	15.3	...	...	...	...	...
Bhutan	139	17.4	...	...	...	...	...
India	299,091	22.6	17.9	39.6	1.7	10.4	30.4
Maldives	4	0.9	-	75.0	-	25.0	-
Nepal	4,622	15.9	...	...	...	...	...
Sri Lanka	3,096	14.9	6.2	50.8	8.1	29.2	5.7
Southeast Asia^b	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^b	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^b	753,879	19.0					
ALL ADB REGIONAL MEMBERS^b	760,818	18.4					

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

a Nature of road user deaths might not add up to 100% due to rounding.

b Regional aggregates include reporting economies only.

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

Transport

Table 2.5.4: Rail Indicators—Total Route, Length per Land Area

ADB Regional Member	Rail Lines, Total Route (km)			Rail Network, Length per Land Area (km per km ² '000)		
	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	106.0 (2011)	106.0	...	0.2 (2011)	0.2	...
Armenia	871.1	823.6	782.1	30.6	28.9	27.5
Azerbaijan	2,792.0	2,446.0	2,499.0	33.8	29.6	30.2
Georgia	1,566.0	1,576.0	1,576.0	22.5	22.7	22.7
Kazakhstan	15,016.1	15,341.1	16,636.7 (2019)	5.6	5.7	6.2 (2019)
Kyrgyz Republic	...	...	...	...	...	...
Pakistan	7,791.0	7,791.0	7,791.0 (2019)	10.1	10.1	10.1 (2019)
Tajikistan	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...
Uzbekistan	4,227.2	4,238.0	...	9.9	9.6	...
East Asia						
China, People's Republic of	91,200.0	121,000.0	146,300.0	9.7	12.8	15.5
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	...	...	...	...	...	...
Mongolia	...	1,810.0 (2016)	1,100.0 (2019)	...	1.2 (2016)	0.7 (2019)
Taipei, China	1,085.0	1,065.0	1,065.0	30.0	29.4	29.4
South Asia						
Bangladesh	2,460.0	2,877.0	2,956.0 (2018)	18.9	22.1	22.7 (2018)
Bhutan	...	...	...	...	...	...
India	64,460.0	66,252.0	67,956.0 (2019)	21.7	22.3	22.9 (2019)
Maldives	...	...	...	...	...	...
Nepal	...	...	...	...	...	...
Sri Lanka	1,263.0	1,568.0	...	20.1	25.3	...
Southeast Asia						
Brunei Darussalam	...	...	...	...	...	...
Cambodia ^a	604.0	257.0	652.0 (2019)	3.4	1.5	3.7 (2019)
Indonesia	4,816.4	5,286.0	6,325.9	2.7	2.9	3.4
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia	1,792.0	1,775.0	1,775.0 (2018)	5.5	5.4	5.4 (2018)
Myanmar	5,487.8	6,107.4	6,112.3 (2019)	8.4	9.4	9.4 (2019)
Philippines	452.0	452.0	452.0	1.5	1.5	1.5
Singapore	...	...	...	...	...	...
Thailand	4,507.9	4,507.9	4,801.3	8.8	8.8	9.4
Timor-Leste	...	...	...	...	...	...
Viet Nam	2,577.0	3,147.0	3,163.0 (2018)	8.3	10.1	10.2 (2018)
The Pacific						
Cook Islands	...	...	...	...	...	...
Fiji	...	590.0 (2014)	...	...	32.3 (2014)	...
Kiribati	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...
Samoa	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...
Tonga	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...
Developed ADB Member Economies						
Australia	...	33,343.0	32,894.0 (2019)	...	4.3	4.3 (2019)
Japan	...	...	...	...	...	...
New Zealand	...	...	3,700.0 (2019)	...	...	14.1 (2019)

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

a Data refers to railways rehabilitated and constructed.

Sources: For rail lines, total route: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022). For rail network: Asian Development Bank estimates using land area data from World Bank. World Development Indicators. <https://data.worldbank.org/indicator> (accessed 5 May 2022).

Table 2.5.5: Railways—Passengers Carried and Goods Transported

ADB Regional Member	Passengers Carried ^a (p-km million)			Goods Transported ^b (t-km million)		
	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	...	...	...	...	...	...
Armenia	125.6	104.3	68.0	743.2	640.3	842.0
Azerbaijan	2,747.0	2,945.0	996.0	8,331.0	6,269.0	4,861.0
Georgia	1,159.4	1,123.1	693.4	6,227.5	4,261.3	2,926.0
Kazakhstan	16,281.5	17,179.5	9,264.2	213,200.0	267,400.0	299,200.0
Kyrgyz Republic	98.7	40.8	21.0 (2021)	737.7	917.8	1,002.8 (2021)
Pakistan	20,619.0	21,201.0	29,595.0 (2019)	4,846.9	3,301.4	8,304.0 (2019)
Tajikistan	...	1.7 (2017)	...	10,445.6	6,125.6	6,305.3
Turkmenistan	1,685.0	...	...	9,715.0	...	...
Uzbekistan	3,500.0	4,180.5	4,983.3 (2019)	22,300.0	22,934.9	23,444.6 (2019)
East Asia						
China, People's Republic of	876,220.0	1,196,060.0	826,620.0	2,764,410.0	2,375,430.0	3,051,450.0
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	58,381.8	68,371.0	...	9,452.4	9,479.3	7,357.0 (2019)
Mongolia	1,220.0	996.7	95.7 (2021)	10,286.7	11,462.6	18,390.0 (2021)
Taipei, China	20,930.8	27,110.9	25,554.1	866.3	634.2	445.0 (2021)
South Asia						
Bangladesh	8,253.0 (2012)	8,711.0	...	693.0	694.0	...
Bhutan	...	...	...	...	...	...
India	978,508.0	1,149,835.0 (2016)	1,050,738.0 (2019)	...	...	...
Maldives	...	...	...	...	...	...
Nepal	...	...	...	...	...	...
Sri Lanka	4,568.0	7,407.0	7,709.5 (2018)	162.8	127.4	120.0 (2018)
Southeast Asia						
Brunei Darussalam	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...
Indonesia	20,340.0	22,296.0	10,488.0	6,559.0	10,057.0	13,805.0
Lao People's Democratic Republic	...	0.1	0.0	...	...	...
Malaysia	1,532.2	426.1	200.9 (2019)	1,482.8	1,474.5	1,141.6 (2019)
Myanmar	5,371.4	3,416.2	1,444.2 (2019)	1,059.4	812.3	362.8 (2019)
Philippines	...	...	...	...	...	...
Singapore	7,880.0	9,391.0 (2014)	...	...	...	...
Thailand	846.0	6,133.4	5,906.5 (2018)	...	2,545.3	2,769.1 (2018)
Timor-Leste	...	...	...	...	...	...
Viet Nam	4,377.9	4,149.6	3,154.7 (2019)	3,960.9	4,035.5	3,739.5 (2019)
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	14,990.0	16,020.0	17,590.0 (2018)	258,600.0	401,600.0	...
Japan	393,466.0	427,486.2	435,063.0 (2019)	20,398.0	21,519.0	19,993.0
New Zealand	...	...	...	4,768.0 (2012)	4,348.0	4,443.0 (2021)

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

a A passenger-kilometer, abbreviated as p-km, is a unit of measurement representing the transport of 1 passenger by a defined mode of transport over 1 kilometer.

b A ton-kilometer, abbreviated as t-km, is a unit of measurement representing the transport of 1 metric ton of goods (including packaging and tare weights of intermodal transport units) by a defined mode of transport over 1 kilometer. Only the distance on the national territory of the reporting economy is taken into account for national, international and transit transport.

Source: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022).

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Table 2.5.6: Air Transport

ADB Regional Member	Aviation Total Passenger Kilometers ^a (p-km million)			Aviation Freight Transport ^b (t-km million)		
	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	...	...	...	...	...	...
Armenia	1,278.6	27.4 (2016)	103.0	9.7	2.0 (2014)	0.7
Azerbaijan	1,613.0	3,338.0	984.0	139.0	582.0	2,302.0
Georgia	368.9	548.9	256.8	0.9	41.3	438.0
Kazakhstan	6,469.2	11,153.3	8,525.0	90.0	43.0	55.0
Kyrgyz Republic	814.2	1,966.1	1,086.0 (2021)	64.4	57.4	20.8 (2021)
Pakistan	16,209.0	13,751.0	14,938.0 (2019)	188.9	135.5	135.0 (2019)
Tajikistan	...	193.4 (2017)	...	2.2	2.1	0.7
Turkmenistan	2,712.0	...	...	29.0	...	...
Uzbekistan	5,800.0	6,786.0	10,998.1 (2019)	168.0	131.1	119.0 (2019)
East Asia						
China, People's Republic of	403,899.6	951,303.6 (2017)	631,130.0	17,890.0	20,807.0	24,020.0
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	135,770.8	198,443.4	...	145.0	112.0	...
Mongolia	907.2	1,993.5	449.0 (2021)	4.2	7.7	11.9 (2021)
Taipei, China	60,051.2	80,054.8	20,938.5	11,873.3	9,079.7	10,297.6
South Asia						
Bangladesh	5,027.0	6,645.0	7,072.0 (2018)	123.0	199.0	...
Bhutan	...	...	...	...	...	...
India	103,171.0	145,787.0	...	...	...	...
Maldives	...	...	...	...	...	...
Nepal	...	...	...	67.4	68.0	159.0 (2019)
Sri Lanka	9,399.6	12,737.3	16,180.0 (2018)	1,472.7	1,146.4	1,897.0 (2018)
Southeast Asia						
Brunei Darussalam	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...
Indonesia	75,805.2	88,464.9	56,345.2	11,591.5	5,940.6	2,949.4
Lao People's Democratic Republic	82.8	846.1	560.0	1.2	0.4	1.0
Malaysia	66,719.0	87,210.0	25,018.0	...	...	...
Myanmar	566.1	1,452.2	1,639.9 (2019)	1.3	5.0	5.1 (2019)
Philippines	...	...	...	...	...	...
Singapore	...	...	...	...	...	...
Thailand	...	...	...	29,309.0	27,221.0	24,232.0 (2019)
Timor-Leste	...	...	...	...	...	...
Viet Nam	21,162.0	42,068.4	77,402.8 (2019)	426.8	599.5	922.5 (2019)
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	60,220.0	70,130.0	27,980.0 (2021)	300.0	300.0	300.0 (2018)
Japan	133,649.0	172,984.0	199,012.0 (2018)	7,339.1	8,766.4	925.0 (2019)
New Zealand	...	...	...	...	...	...

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

a A passenger-kilometer, abbreviated as p-km, is a unit of measurement representing the transport of 1 passenger by a defined mode of transport over 1 kilometer. For air transport, it includes both domestic and international flights.

b A ton-kilometer, abbreviated as t-km, is a unit of measurement representing the transport of 1 metric ton of goods (including packaging and tare weights of intermodal transport units) by a defined mode of transport over 1 kilometer. For air transport, it includes both domestic and international flights.

Source: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022).

Table 2.5.7: Logistics

ADB Regional Member	Container Port Traffic (teu '000)			Liner Shipping Connectivity Index ^a			Logistics Performance Index ^b		
	2010	2015	2020	2010	2015	2019	2012	2016	2018
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	...	...	...	...	...	...	2.3	2.1	1.9
Armenia	...	...	...	...	...	...	2.6	2.2	2.6
Azerbaijan	...	...	...	...	...	...	2.5	...	...
Georgia	210	222	260	5.3	5.7	6.8	...	2.4	2.4
Kazakhstan	...	...	...	...	...	...	2.7	2.8	2.8
Kyrgyz Republic	...	...	...	...	...	...	2.4	2.2	2.5
Pakistan	2,149	2,756	3,339	31.6	32.9	34.1	2.8	2.9	2.4
Tajikistan	...	...	...	...	...	...	2.3	2.1	2.3
Turkmenistan	...	...	...	...	...	...	...	2.2	2.4
Uzbekistan	...	...	...	...	...	...	2.5	2.4	2.6
East Asia									
China, People's Republic of	131,989	193,734	245,104	121.2	138.9	151.9	3.5	3.7	3.6
Hong Kong, China	23,600	20,114	17,969	91.0	94.2	89.5	4.1	4.1	3.9
Korea, Republic of	18,520	25,477	28,425	74.5	98.3	105.1	3.7	3.7	3.6
Mongolia	...	...	...	...	...	...	2.3	2.5	2.4
Taipei, China	12,497	14,492	14,594	...	...	...	3.7	3.7	3.6
South Asia									
Bangladesh	1,350	2,045	2,587	7.3	11.0	13.3	...	2.7	2.6
Bhutan	...	...	...	...	...	...	2.5	2.3	2.2
India	8,890	11,883	16,286	47.6	49.4	55.5	3.1	3.4	3.2
Maldives	50	84	89 (2018)	6.2	3.1	7.4	2.5	2.5	2.7
Nepal	...	...	...	...	...	...	2.0	2.4	2.5
Sri Lanka	4,100	5,185	6,850	37.5	49.2	62.1	2.8	...	2.6
Southeast Asia									
Brunei Darussalam	93	128	139 (2018)	5.1	4.9	7.7	...	2.9	2.7
Cambodia	286	474	764	6.1	7.6	8.0	2.6	2.8	2.6
Indonesia	9,010	12,032	14,025	33.0	35.7	44.4	2.9	3.0	3.2
Lao People's Democratic Republic	...	...	...	...	...	...	2.5	2.1	2.7
Malaysia	16,843	24,013	26,664	72.3	92.2	93.8	3.5	3.4	3.2
Myanmar	335	827	1,021	5.6	9.1	8.5	2.4	2.5	2.3
Philippines	5,589	7,210	7,505	21.2	22.4	30.6	3.0	2.9	2.9
Singapore	29,147	31,710	36,871	92.4	101.0	108.1	4.1	4.1	4.0
Thailand	6,819	9,463	10,214	40.5	42.5	52.9	3.2	3.3	3.4
Timor-Leste	...	...	...	1.6	5.8	2.9	...	...	...
Viet Nam	5,968	11,479	16,374 (2018)	41.2	48.4	66.5	3.0	3.0	3.3
The Pacific									
Cook Islands	...	...	...	...	...	...	...	...	...
Fiji	87	89	93 (2018)	12.8	12.7	11.2	2.4	2.3	2.4
Kiribati	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	3.8	5.7	4.9	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	1.3 (2011)	2.5	2.2	...	...	...
Niue	...	...	...	...	...	...	...	...	...
Palau	...	...	...	3.9	3.9	3.4	...	...	...
Papua New Guinea	283	279	341 (2018)	8.5	12.7	12.6	...	2.5	2.2
Samoa	22	28	30 (2018)	...	...	...	...	...	...
Solomon Islands	...	...	...	6.3	11.2	10.7	...	2.4	2.6
Tonga	...	...	...	5.6	5.7	7.6	...	...	...
Tuvalu	...	...	...	1.0	3.0	2.0	...	...	...
Vanuatu	...	...	...	3.4	8.8	7.9	...	...	...
Developed ADB Member Economies									
Australia	6,372	7,621	8,657	30.8	32.5	34.3	3.7	...	3.8
Japan	18,966	20,138	21,386	72.4	74.8	71.2	3.9	4.0	4.0
New Zealand	2,331	3,119	3,174	21.3	23.4	31.9	3.4	3.4	3.9

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

- a The Liner Shipping Connectivity Index captures how well economies are connected to global shipping networks. It is based on five components of the maritime transport sector: number of ships, their container-carrying capacity, maximum vessel size, number of services, and number of companies that deploy container ships in an economy's ports. The index generates a value of 100 for the economy with the highest average index in 2004.
- b The index ranges from 1 to 5, with higher scores representing better performance.

Source: Asian Development Bank. Asian Transport Outlook Database. <https://data.adb.org/dataset/asian-transport-outlook-database> (accessed 20 April 2022).

Communications

Table 2.5.8: Access to Fixed Telephones, Mobile Phones, and Internet—Total Subscriptions
(‘000)

ADB Regional Member	Fixed Telephone Subscribers		Mobile Phone Subscribers		Fixed Broadband Subscribers	
	2010	2020	2010	2020	2010	2020
Developing ADB Member Economies						
Central and West Asia	16,633.0	13,649.6	181,113.9	304,388.5	2,558.4	13,693.0
Afghanistan	16.6	145.8	10,215.8	22,678.0	1.5	26.6
Armenia	592.3	427.5	3,865.4	3,488.8	93.6	430.4
Azerbaijan	1,506.6	1,652.7	9,100.1	10,344.3	475.3	1,995.5
Georgia	1,111.9	387.7	3,978.2	5,100.1	182.4	972.2
Kazakhstan	4,057.6	3,091.0	19,402.6	24,293.9	869.6	2,620.4
Kyrgyz Republic	489.1	299.0	5,275.5	8,511.0	23.1	289.0
Pakistan	6,079.1	2,876.8	99,185.8	175,624.4	789.5	2,523.0
Tajikistan	367.7	502.0	5,940.8	11,584.0	4.7	6.0
Turkmenistan	520.0	717.0	3,197.6	9,377.0	0.7	10.0
Uzbekistan	1,892.2	3,550.1	20,952.0	33,387.0	118.0	4,820.0
East Asia	343,914.6	222,577.4	953,914.0	1,844,505.0	151,087.3	515,119.3
China, People's Republic of	294,383.0	181,908.0	859,003.0	1,718,411.0	126,337.0	483,549.5
Hong Kong, China	4,361.7	3,900.6	13,793.7	21,865.2	2,167.7	2,885.6
Korea, Republic of	28,543.2	23,858.2	50,767.2	70,513.7	17,194.3	22,327.2
Mongolia	193.2	160.2	2,510.5	4,363.9	76.8	307.2
Taipei, China	16,433.5	12,750.4	27,839.5	29,351.2	5,311.6	6,049.9
South Asia	40,845.6	24,813.6	847,557.4	1,399,395.6	11,717.3	36,121.2
Bangladesh	1,280.8	1,390.0	67,923.9	176,279.5	414.6	10,052.8
Bhutan	26.3	23.0	394.3	745.1	8.7	3.2
India	35,090.0	20,052.2	752,190.0	1,153,709.8	10,990.0	22,950.0
Maldives	28.4	14.5	494.4	717.7	15.6	63.7
Nepal	841.7	726.0	9,195.6	38,213.0	60.2	1,270.0
Sri Lanka	3,578.5	2,607.9	17,359.3	29,730.5	228.3	1,781.5
Southeast Asia^a	73,120.0	34,137.5	532,636.5	918,246.4	14,515.4	53,826.5
Brunei Darussalam	79.9	103.9	435.1	536.6	21.7	71.1
Cambodia	358.9	55.6	8,150.8	21,086.8	35.7	233.8
Indonesia	40,931.1	9,662.1	211,290.2	355,620.4	2,280.3	11,722.2
Lao People's Democratic Republic	103.1	1,491.0	4,003.4	4,100.0	5.9	128.0
Malaysia	4,609.8	7,467.9	33,858.7	43,723.6	2,097.8	3,358.8
Myanmar	493.3	524.0	594.0	78,548.3	23.0	688.8
Philippines	3,335.4	4,731.2	83,150.1	149,579.4	1,791.0 (2011)	7,936.6
Singapore	1,996.1	1,891.0	7,384.6	8,444.8	1,338.4	1,509.7
Thailand	6,835.1	5,003.0	71,726.3	116,294.0	3,251.9	11,478.3
Timor-Leste	2.9	2.0	473.0	1,377.9	0.5	0.1
Viet Nam	14,374.4	3,205.8	111,570.2	138,934.6	3,669.3	16,699.2
The Pacific^a	338.8	263.0	3,105.0	6,813.4	38.6	64.7
Cook Islands	7.2	7.0	7.8	17.0	1.7	3.0
Fiji	129.8	48.5	697.9	991.5	23.3	23.1
Kiribati	8.4	0.0	10.6	54.7	0.8	0.2
Marshall Islands	...	...	...	16.0	...	1.0
Micronesia, Federated States of	8.5	7.0	27.5	22.0	1.0	6.0
Nauru	...	...	6.2	10.0	1.0	...
Niue	1.0	1.0	...	...	...	...
Palau	7.0	8.0	14.5	24.0	0.2	...
Papua New Guinea	121.2	166.0	1,909.1	4,818.0	6.1	21.0
Samoa	8.0	6.0	90.0	69.0	0.2	1.7
Solomon Islands	8.4	7.0	115.5	474.0	2.5	1.0
Tonga	31.0	7.0	54.3	62.0	1.1	5.0
Tuvalu	1.2	2.0	1.6	9.0	0.2	...
Vanuatu	7.1	3.5	169.9	246.2	0.5	2.8
Developed ADB Member Economies^a	78,123.7	69,036.6	150,497.1	228,655.9	40,703.8	54,865.4
Australia	10,625.0	6,200.0	22,500.0	27,453.0	5,510.0	9,099.6
Japan	65,618.7	61,978.6	123,287.1	195,054.9	34,101.8	44,000.8
New Zealand	1,880.0	858.0	4,710.0	6,148.0	1,092.0	1,765.0
DEVELOPING ADB MEMBER ECONOMIES^a	474,856.2	295,445.3	2,518,342.9	4,473,349.5	179,918.3	618,827.5
ALL ADB REGIONAL MEMBERS^a	552,980.0	364,481.9	2,668,840.0	4,702,005.4	220,622.1	673,692.9

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

a Regional aggregates are calculated as the sum of the reporting economies. Imputation was done for economies with missing data by substituting available data from the nearest years.

Source: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx> (accessed 2 May 2022).

Table 2.5.9: Access to Fixed Telephones, Mobile Phones, and Internet—Subscriptions per 100 People

ADB Regional Member	Fixed Telephone			Mobile Cellular			Fixed Broadband			Internet Users		
	2010	2015	2020	2010	2015	2020	2010	2015	2020	2010	2015	2020
Developing ADB Member Economies												
Central and West Asia^a	5.8	4.8	3.9	63.0	74.4	86.7	0.9	2.8	3.9			
Afghanistan	0.1	0.3	0.4	35.0	57.3	58.3	0.0	0.0	0.1	4.0	8.3	18.4
Armenia	20.6	18.8	14.4	134.3	118.4	117.7	3.3	9.8	14.5	25.0	59.1	76.5
Azerbaijan	16.7	18.7	16.3	100.7	111.2	102.0	5.3	19.7	19.7	46.0	77.0	84.6
Georgia	27.1	23.6	9.7	97.1	137.9	127.8	4.5	15.8	24.4	26.9	47.6	72.5
Kazakhstan	25.0	23.6	16.5	119.4	149.7	129.4	5.4	13.1	14.0	31.6	70.8	85.9
Kyrgyz Republic ^b	9.0	6.8	4.6	97.3	127.2	130.5	0.4	3.5	4.4	16.3	30.2	51.0
Pakistan	3.4	1.8	1.3	55.3	63.1	79.5	0.4	0.9	1.1	8.0	11.0	25.0
Tajikistan	4.9	5.4	5.3	78.9	100.4	121.5	0.1	0.1	0.1	11.6	19.0	...
Turkmenistan	10.2	11.6	11.9	62.9	140.9	155.5	0.0	0.1	0.2	3.0	15.0	...
Uzbekistan	6.6	9.1	10.6	73.5	70.4	99.8	0.4	5.8	14.4	15.9	42.8	71.1
East Asia^a	23.7	18.7	14.6	65.7	93.9	120.9	10.4	20.5	33.8			
China, People's Republic of	21.5	16.4	12.6	62.8	91.8	119.4	9.2	19.7	33.6	34.3	50.3	70.4
Hong Kong, China	62.6	60.3	52.0	198.0	232.7	291.7	31.1	32.7	38.5	72.0	84.9	92.4
Korea, Republic of	57.6	56.8	46.5	102.5	116.0	137.5	34.7	39.4	43.5	83.7	89.9	96.5
Mongolia	7.1	8.5	4.9	92.3	102.3	133.1	2.8	6.9	9.4	10.2	22.5	62.5
Taipei, China	70.9	59.1	53.5	120.1	126.0	123.2	22.9	24.0	25.4	71.5	78.0	89.0
South Asia^a	2.9	2.0	1.6	59.3	78.2	87.7	0.8	1.5	2.3			
Bangladesh	0.9	0.6	0.8	46.0	84.1	107.0	0.3	3.1	6.1	3.7	12.9	24.8
Bhutan	3.8	3.0	3.0	57.5	92.8	96.6	1.3	3.8	0.4	13.6	39.8	53.5
India	2.8	1.9	1.5	60.9	76.4	83.6	0.9	1.3	1.7	7.5	14.9	43.0
Maldives	7.8	4.8	2.7	135.2	162.6	132.8	4.3	5.1	11.8	26.5	54.5	62.9
Nepal	3.1	3.1	2.5	34.0	101.9	131.2	0.2	1.1	4.4	7.9	17.6	37.7
Sri Lanka	17.7	15.7	12.2	85.7	114.3	138.8	1.1	3.0	8.3	...	12.1	35.0
Southeast Asia^{a,c}	12.2	5.4	5.1	89.2	126.1	137.3	2.5	4.0	8.1			
Brunei Darussalam	20.6	18.3	23.7	112.0	111.7	122.7	5.6	8.3	16.2	53.0	71.2	95.0
Cambodia	2.5	1.7	0.3	56.9	134.3	126.1	0.2	0.5	1.4	1.3	18.0	...
Indonesia	16.9	4.0	3.5	87.4	131.2	130.0	0.9	1.5	4.3	10.9	22.1	53.7
Lao People's Democratic Republic	1.6	14.3	20.5	64.1	55.3	56.4	0.1	0.2	1.8	7.0	18.2	33.8
Malaysia	16.3	14.8	23.1	120.0	145.7	135.1	7.4	10.1	10.4	56.3	71.1	89.6
Myanmar	1.0	1.0	1.0	1.2	77.8	144.4	0.0	0.1	1.3	0.3	10.9	35.1
Philippines ^d	3.5	3.2	4.3	88.5	115.4	136.5	1.9	2.8	7.2	25.0	36.9	49.8
Singapore	38.9	36.1	32.3	143.9	147.2	144.3	26.1	26.6	25.8	71.0	83.2	92.0
Thailand	10.2	7.7	7.2	106.7	149.8	166.6	4.8	9.1	16.4	22.4	39.3	77.8
Timor-Leste	0.3	0.2	0.2	43.3	115.1	104.5	0.0	0.1	0.0	3.0	18.6	29.1
Viet Nam	16.3	7.9	3.3	126.8	129.8	142.7	4.2	8.3	17.2	30.7	45.0	70.3
The Pacific^{a,c}	3.6	2.7	2.3	32.7	52.0	59.3	0.4	0.4	0.6			
Cook Islands ^e	39.3	37.1	39.9	42.4	79.0	96.8	9.1	15.1	17.1	35.7	51.0	...
Fiji ^f	15.1	8.4	5.4	81.2	111.2	110.6	2.7	1.5	2.6	20.0	42.5	68.9
Kiribati	8.2	1.3	0.0	10.3	37.0	45.8	0.8	0.1	0.2	9.1	14.9	38.0
Marshall Islands ^g	...	4.1	...	...	27.0	27.0	...	1.7	1.7	7.0	19.3	...
Micronesia, Federated States of	8.2	6.3	6.1	26.7	20.7	19.1	1.0	3.0	5.2	20.0	31.5	...
Nauru ^h	19.1	...	...	62.0	90.5	92.4	9.5	...	...	54.0	62.4	...
Niue	61.8	61.8	61.5	...	...	...	...	...	...	77.0	...	...
Palau	38.9	40.8	44.2	80.8	134.4	132.6	1.3	6.9	...	...	...	...
Papua New Guinea	1.7	1.9	1.9	26.1	43.9	53.9	0.1	0.2	0.2	1.3	7.9	...
Samoa	4.3	5.9	3.0	48.4	62.3	34.8	0.1	1.1	0.9	7.0	25.4	...
Solomon Islands	1.6	1.2	1.0	21.9	70.4	69.0	0.5	0.2	0.1	5.0	10.0	...
Tonga	29.8	13.1	6.6	52.2	72.9	58.7	1.1	2.4	4.7	16.0	38.7	...
Tuvalu	11.4	18.0	17.0	15.2	59.5	76.3	2.3	4.1	...	14.6	27.3	...
Vanuatu	3.0	1.8	1.1	71.9	64.5	80.2	0.2	1.6	0.9	8.0	22.4	...
Developed ADB Member Economies^{a,c}	50.4	47.3	44.0	97.1	122.6	145.8	26.2	30.1	35.0			
Australia	48.0	35.5	24.3	101.6	107.7	107.7	24.9	28.5	35.7	76.0	84.6	89.6
Japan	51.0	49.8	49.0	95.9	125.5	154.2	26.5	30.4	34.8	78.2	91.1	90.2
New Zealand	43.0	40.1	17.8	107.8	121.4	127.5	25.0	31.4	36.6	80.5	85.2	91.5
DEVELOPING ADB MEMBER ECONOMIES^{a,c}	12.6	9.0	7.1	66.7	91.4	107.7	4.8	9.1	14.9			
ALL ADB REGIONAL MEMBERS^{a,c}	14.1	10.5	8.5	67.9	92.6	109.1	5.7	9.9	15.6			

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

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

b For internet users, data for 2020 refers to 2019.

c Regional aggregates are calculated as the sum of the reporting economies. Imputation was done for economies with missing data by substituting available data from the nearest years.

d For fixed broadband, data for 2010 refers to 2011.

e For fixed telephone and mobile cellular, data for 2015 refers to 2016. For fixed broadband, data for 2015 refers to 2013.

f For internet users, data for 2020 refers to 2018.

g For fixed telephone, data for 2015 refers to 2014.

h For fixed telephone, data for 2010 refers to 2009. For internet users, data for 2010 refers to 2011 and data for 2015 refers to 2017.

Sources: International Telecommunication Union. World Telecommunication/ICT Indicators Database. <http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx> (accessed 2 May 2022); and United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 2 May 2022).

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.

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.

Table 2.6.1: Electricity Production and Sources

ADB Regional Member	Total Electricity Production (kWh billion)		Sources of Electricity (% of total)							
			Combustible Fuels ^a		Hydropower		Solar		Others ^b	
	2010	2019	2010	2019	2010	2019	2010	2019	2010	2019
Developing ADB Member Economies										
Central and West Asia^c	310.1	411.9	67.7	72.2	30.4	23.4	0.0	0.4	1.9	4.0
Afghanistan	0.9	1.3 (2020)	14.0	9.3 (2020)	86.0	88.3 (2020)	-	2.4 (2020)	-	- (2020)
Armenia	6.5	7.7	22.2	39.7	39.4	30.9	-	0.8	38.5	28.7
Azerbaijan	18.7	26.1	81.6	93.4	18.4	6.0	-	0.2	-	0.4
Georgia	10.1	11.2 (2020)	6.8	25.3 (2020)	93.2	73.9 (2020)	-	- (2020)	-	0.8 (2020)
Kazakhstan	82.7	106.9	90.3	89.2	9.7	9.4	0.0	0.8	-	0.7
Kyrgyz Republic ^d	12.1	15.1	8.2	8.3	91.8	91.7	-	-	-	-
Pakistan	94.4	134.8 (2020)	62.7	60.8 (2020)	33.7	28.8 (2020)	-	0.5 (2020)	3.6	9.9 (2020)
Tajikistan	16.4	19.7 (2020)	0.2	8.2 (2020)	99.8	91.8 (2020)	-	- (2020)	-	- (2020)
Turkmenistan	16.7	22.5	100.0	100.0	-	0.0	-	-	-	-
Uzbekistan ^d	51.7	63.0	79.0	89.7	21.0	10.3	-	0.0	-	0.0
East Asia^c	4,996.4	8,403.0	78.3	69.8	15.3	16.1	0.0	2.9	6.4	11.1
China, People's Republic of	4,207.2	7,503.5	79.2	69.6	17.2	17.4	-	3.0	3.6	10.1
Hong Kong, China	38.3	35.2 (2020)	100.0	100.0 (2020)	-	- (2020)	-	- (2020)	-	- (2020)
Korea, Republic of	499.5	581.5	68.6	70.6	1.3	1.1	0.2	2.2	30.0	26.0
Mongolia	4.4	7.1 (2020)	98.9	93.2 (2020)	0.8	1.2 (2020)	0.2	0.8 (2020)	0.0	4.8 (2020)
Taipei, China	247.1	290.9 (2021)	...	...	...	...	...	...	...	...
South Asia^c	1,017.1	1,693.9	82.6	79.6	12.9	10.4	0.0	3.0	4.4	6.9
Bangladesh	40.8	84.6	98.1	98.6	1.9	0.9	-	0.4	-	0.0
Bhutan	7.3	8.9	0.0	0.0	100.0	100.0	0.0	0.0	-	0.0
India	954.5	1,576.7	83.3	79.5	12.0	9.9	-	3.2	4.7	7.4
Maldives	0.4	0.8	99.2	97.2	-	-	0.2	2.5	0.6	0.4
Nepal	3.2	6.2	0.1	0.0	99.9	99.9	-	0.0	-	0.1
Sri Lanka	10.8	16.7	47.2	67.1	52.3	28.7	0.1	2.1	0.5	2.1
Southeast Asia^c	676.5	1,124.9	85.3	80.9	11.8	15.9	0.0	0.7	2.9	2.6
Brunei Darussalam	3.8	4.9	100.0	100.0	-	-	-	0.0	-	-
Cambodia	1.0	8.7	96.5	52.5	3.2	46.4	0.3	1.1	-	-
Indonesia	169.6	299.6	84.2	89.0	10.3	6.6	0.0	0.0	5.5	4.4
Lao People's Democratic Republic	8.4	31.1	-	39.2	100.0	60.7	-	0.1	-	-
Malaysia	116.8	175.8	94.6	84.3	5.4	15.2	0.0	0.5	-	-
Myanmar	8.6	23.8	28.2	60.3	71.8	39.4	-	0.3	-	-
Philippines	67.8	103.2 (2020)	73.7	80.3 (2020)	11.5	7.0 (2020)	0.0	1.3 (2020)	14.7	11.4 (2020)
Singapore	45.4	53.7 (2020)	100.0	98.8 (2020)	-	- (2020)	0.0	1.2 (2020)	-	- (2020)
Thailand	159.5	190.7	96.5	92.0	3.5	3.4	0.0	2.7	0.0	1.9
Timor-Leste ^d	0.1	0.5	98.9	99.5	1.1	0.3	-	0.2	-	-
Viet Nam	95.4	227.7	70.5	62.4	29.4	37.4	-	0.0	0.1	0.1
The Pacific^c	5.1	6.7	63.9	69.1	27.6	22.9	0.0	1.2	8.4	6.8
Cook Islands	0.0	0.0 (2020)	100.0	73.7 (2020)	-	- (2020)	-	26.3 (2020)	-	- (2020)
Fiji	0.9	1.0 (2020)	50.9	42.2 (2020)	48.4	56.4 (2020)	-	1.3 (2020)	0.8	0.1 (2020)
Kiribati	0.0	0.0 (2020)	97.1	84.2 (2020)	-	- (2020)	2.9	15.8 (2020)	-	- (2020)
Marshall Islands	0.1	0.1	100.0	97.8	-	-	-	2.2	-	-
Micronesia, Federated States of	0.1	0.1 (2020)	98.8	93.9 (2020)	-	0.2 (2020)	1.2	4.4 (2020)	-	1.6 (2020)
Nauru	0.0	0.0 (2020)	99.8	97.3 (2020)	-	- (2020)	0.2	2.7 (2020)	-	- (2020)
Niue	0.0	0.0 (2020)	97.9	87.7 (2020)	-	- (2020)	2.1	12.3 (2020)	-	- (2020)
Palau	0.1	0.1 (2020)	100.0	97.9 (2020)	-	- (2020)	-	2.1 (2020)	-	- (2020)
Papua New Guinea	3.6	4.7 (2020)	62.0	71.9 (2020)	26.4	19.0 (2020)	0.0	0.0 (2020)	11.6	9.0 (2020)
Samoa	0.1	0.2 (2020)	64.1	61.9 (2020)	35.9	24.0 (2020)	0.0	14.0 (2020)	-	0.1 (2020)
Solomon Islands	0.1	0.1 (2020)	99.4	95.3 (2020)	0.6	0.9 (2020)	-	3.7 (2020)	-	- (2020)
Tonga	0.1	0.1 (2020)	100.0	87.2 (2020)	-	- (2020)	-	9.2 (2020)	-	3.6 (2020)
Tuvalu	0.0	0.0 (2020)	98.8	71.3 (2020)	-	- (2020)	1.2	28.7 (2020)	-	- (2020)
Vanuatu	0.1	0.1	80.9	76.5	11.6	9.4	-	6.6	7.5	7.5
Developed ADB Member Economies	1,468.5	1,353.8	68.6	75.3	8.8	9.5	0.3	6.2	22.4	9.0
Australia	252.7	264.0	92.5	81.6	5.4	6.0	0.2	5.6	2.0	6.7
Japan	1,170.9	1,045.0	65.0	76.1	7.7	8.3	0.3	6.6	27.0	8.9
New Zealand	44.9	44.8	28.0	19.6	55.1	57.1	0.0	0.3	16.9	23.1
DEVELOPING ADB MEMBER ECONOMIES^c	7,005.2	11,640.3	79.1	72.5	15.3	15.5	0.0	2.6	5.5	9.4
ALL ADB REGIONAL MEMBERS^c	8,473.6	12,994.2	77.3	72.8	14.2	14.9	0.1	3.0	8.5	9.4

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

a Electricity from combustible fuels refers to the production of electricity from the combustion of fuels that are capable of igniting or burning, which would include coal, natural gas, oil, and other combustible fuels.

b Includes chemical heat, geothermal, nuclear, tide, other marine electricity, wind, wave, and other sources of energy.

c Includes only reporting economies with data corresponding to the year heading.

d Partial 2020 energy data are available from the United Nations' Energy Statistics Database. However, 2019 figures were reflected in this table to ensure comparability of data.

Sources: United Nations. Energy Statistics Database. <http://data.un.org/Data.aspx?d=EDATA&f=cmID%3aEL> (accessed 02 June 2022). For Taipei, China: Government of Taipei, China; Directorate-General of Budget, Accounting and Statistics; Official communication, 25 May 2022.

Electricity

Table 2.6.2: Electric Power Consumption
(kWh per capita)

ADB Regional Member	2010	2015	2017	2018	2019
Developing ADB Member Economies					
Central and West Asia^a	851.4	917.2	949.5	1,012.5	971.7
Afghanistan	83.3	131.9	147.6	149.4	148.0 (2020)
Armenia	1,622.0	1,836.2	1,909.5	1,830.3	1,974.2
Azerbaijan	1,485.6	2,138.0	2,030.1	2,091.0	2,154.6
Georgia	1,869.7	2,465.3	2,799.8	2,985.3	3,023.8
Kazakhstan	3,877.4	4,348.2	4,398.9	5,202.6	4,348.0
Kyrgyz Republic	1,313.3	1,789.4	1,807.8	1,898.0	1,939.3
Pakistan	429.7	453.4	496.7	515.8	524.3
Tajikistan	1,881.1	1,479.9	1,558.7	1,526.2	1,569.0 (2020)
Turkmenistan	2,134.6	2,647.7	2,559.7	2,518.9	2,480.3
Uzbekistan	1,552.8	1,530.9	1,575.4	1,647.8	1,642.6
East Asia^a	3,015.0	3,937.6	4,395.5	4,714.8	4,901.5
China, People's Republic of	2,648.1	3,595.7	4,055.0	4,386.3	4,591.5
Hong Kong, China	6,009.3	6,110.8	5,999.2	6,010.1	5,895.8 (2020)
Korea, Republic of ^b	9,253.5	9,968.8	10,536.6	10,659.9	10,507.5
Mongolia	1,241.1	1,762.1	1,910.4	2,034.5	2,079.4 (2020)
Taipei, China	10,654.8	10,958.0	11,415.5	11,613.4	12,196.1 (2021)
South Asia^a	519.6	728.7	790.0	804.0	886.0
Bangladesh	233.9	331.2	412.4	436.3	483.9
Bhutan	2,814.9	2,826.2	2,931.7	2,897.3	2,987.0
India	562.6	789.5	848.1	860.5	949.3
Maldives	926.9	1,279.4	1,377.9	1,415.5	1,512.4
Nepal	101.4	143.1	206.6	231.4	230.0
Sri Lanka	454.5	561.5	638.4	665.1	691.2
Southeast Asia^a	1,013.5	1,268.9	1,403.4	1,456.5	1,504.6
Brunei Darussalam	8,401.2	9,006.7	8,334.9	8,585.9	9,932.8
Cambodia	157.6	335.7	424.2	532.5	619.8
Indonesia	609.1	823.5	924.4	940.7	953.7
Lao People's Democratic Republic	390.6	628.8	714.3	767.1	919.9
Malaysia	3,929.8	4,367.2	4,710.5	4,848.6	4,967.3
Myanmar	124.7	254.3	296.7	333.6	345.7
Philippines	588.1	664.0	739.7	774.6	759.6 (2020)
Singapore	8,234.3	8,496.5	8,696.1	8,760.4	8,676.5 (2020)
Thailand	2,222.2	2,533.0	2,678.4	2,708.5	2,774.5
Timor-Leste	93.1	212.6	258.3	264.6	159.5 (2020)
Viet Nam	973.9	1,550.4	1,846.2	2,016.8	2,146.4
The Pacific^a	475.9	505.2	511.3	529.8	543.4
Cook Islands	1,832.3	1,860.0	2,096.5	2,363.1	1,930.1 (2020)
Fiji	888.9	950.9	1,028.3	1,047.0	975.0 (2020)
Kiribati	192.4	203.7	219.0	219.3	218.5 (2020)
Marshall Islands	1,437.2	1,309.1	1,336.7	1,335.3	1,330.1
Micronesia, Federated States of	510.9	423.4	409.1	407.5	399.9 (2020)
Nauru	1,548.6	1,868.1	2,430.7	2,631.6	2,898.3 (2020)
Niue	1,712.7	1,858.4	1,898.3	2,049.7	2,181.7 (2020)
Palau	4,021.4	4,132.5	4,553.9	4,466.5	4,311.3 (2020)
Papua New Guinea	441.0	478.8	473.8	497.3	487.7 (2020)
Samoa	500.2	596.6	708.4	705.7	790.3 (2020)
Solomon Islands	142.1	137.1	141.8	134.1	128.4 (2020)
Tonga	410.0	487.9	576.5	561.1	601.0
Tuvalu	512.3	509.4	585.0	686.7	644.5 (2020)
Vanuatu	258.5	226.2	252.3	246.0	234.4 (2020)
Developed ADB Member Economies	8,457.7	7,849.5	7,964.2	7,863.2	7,768.3
Australia	9,966.3	9,384.3	9,350.4	9,379.7	9,401.0
Japan	8,169.5	7,529.5	7,679.7	7,547.4	7,421.9
New Zealand	9,285.7	8,766.7	8,429.1	8,370.7	8,352.9
DEVELOPING ADB MEMBER ECONOMIES^a	1,582.1	2,034.8	2,243.0	2,374.8	2,473.2
ALL ADB REGIONAL MEMBERS^a	1,853.3	2,255.4	2,456.4	2,577.8	2,667.4

... = data not available, ADB = Asian Development Bank, kWh = kilowatt-hour.

a Includes only reporting economies with data corresponding to the year heading.

b Partial 2020 energy data are available from the United Nations' Energy Statistics Database. However, to ensure comparability of data, 2019 figures are reflected in this table.

Sources: For electric power consumption: United Nations Statistics Division. Energy Statistics Database. <http://data.un.org/Data.aspx?d=EDATA&f=cmlD%3aEL> (accessed 02 June 2022). For total population: United Nations. World Population Prospects 2019. <https://population.un.org/wpp/Download/Standard/Population/> (accessed 05 April 2022). For Taipei, China: Asian Development Bank estimates using economy source.

Table 2.6.3: Use of Energy

ADB Regional Member	Energy Use (PJ)			GDP per Unit Use of Energy (constant 2017 \$ million PPP per PJ)		
	2010	2015	2019	2010	2015	2019
Developing ADB Member Economies						
Central and West Asia	10,359.0	10,829.7	11,617.1	154.6	185.4	203.6
Afghanistan	140.6	168.9	189.0	406.2	421.3	415.6
Armenia	106.2	134.7	141.2	251.7	245.9	286.1
Azerbaijan	485.9	605.0	663.7	262.4	236.9	218.1
Georgia	139.8	197.8	215.0	263.8	237.4	259.4
Kazakhstan	3,363.4	3,180.4	3,002.8	100.7	134.0	162.5
Kyrgyz Republic	115.5	167.2	158.6	195.3	171.2	214.1
Pakistan	3,092.2	3,314.4	3,849.0	255.2	289.8	299.2
Tajikistan	143.4	166.6	207.7	125.4	151.5	160.7
Turkmenistan	951.4	1,159.8	1,191.3	46.1	62.3	77.5
Uzbekistan	1,820.6	1,734.8	1,998.8	77.7	115.5	123.4
East Asia^a	112,823.6	132,601.4	149,466.6	123.8	149.6	168.6
China, People's Republic of	101,618.2	120,324.1	136,602.4	117.0	144.6	164.7
Hong Kong, China	544.0	575.9	584.6	663.2	724.3	765.2
Korea, Republic of	10,497.6	11,428.3	11,738.3	162.4	173.3	188.6
Mongolia	163.9	273.0	541.4	124.0	120.9	74.4
Taipei, China	...	...	...	...	...	...
South Asia	29,778.9	37,943.3	43,787.2	201.5	216.1	239.0
Bangladesh	1,493.3	1,803.3	2,067.7	337.4	379.6	437.6
Bhutan	56.8	63.8	71.5	98.9	115.0	126.7
India	27,409.7	35,122.8	40,565.6	190.7	203.8	225.3
Maldives	13.4	18.8	27.9	444.9	417.4	371.6
Nepal	445.6	501.6	597.4	163.5	179.4	189.3
Sri Lanka	360.1	432.9	457.2	513.5	576.0	623.8
Southeast Asia	22,190.3	25,768.2	30,308.7	238.6	263.9	274.1
Brunei Darussalam	135.7	113.8	168.9	194.1	230.2	159.3
Cambodia	196.4	252.3	338.3	198.0	217.9	213.9
Indonesia	8,072.8	8,708.7	11,145.8	248.2	301.1	286.8
Lao People's Democratic Republic	100.3	168.8	246.0	302.2	261.4	229.8
Malaysia	2,965.0	3,423.8	3,896.2	195.4	219.2	233.1
Myanmar	659.8	847.5	964.9	211.9	227.7	265.5
Philippines	1,706.3	2,143.0	2,520.2	325.9	347.9	382.4
Singapore	1,085.2	1,166.3	822.6	365.4	423.1	681.5
Thailand	4,930.8	5,668.4	5,795.3	196.2	197.4	221.5
Timor-Leste	4.4	6.9	9.8	722.7	568.1	479.5
Viet Nam	2,333.6	3,268.8	4,400.7	236.9	228.2	222.1
The Pacific^a	187.6	230.6	257.5	207.8	215.4	218.3
Cook Islands	0.9	1.0	1.2	...	...	...
Fiji	20.8	25.2	26.1	436.3	434.1	466.0
Kiribati	1.3	1.4	1.6	146.7	171.6	156.2
Marshall Islands	2.0	2.0	2.0	101.3	103.0	119.0
Micronesia, Federated States of	1.5	2.1	2.2	243.8	176.9	181.1
Nauru	0.6	0.8	0.7	114.7	185.7	197.5
Niue	0.1	0.1	0.1	...	...	...
Palau	2.9	2.8	3.0	94.7	116.2	101.7
Papua New Guinea	140.9	178.0	201.5	176.8	185.9	186.9
Samoa	4.2	5.0	5.7	266.6	232.3	229.3
Solomon Islands	8.0	7.6	7.6	161.6	200.2	234.4
Tonga	1.7	1.6	2.3	322.1	367.2	292.2
Tuvalu	0.1	0.1	0.1	259.7	385.7	407.3
Vanuatu	2.7	2.9	3.3	270.4	277.3	282.9
Developed ADB Member Economies	27,245.1	24,413.7	23,820.6	221.3	264.6	283.2
Australia	5,396.3	5,330.4	5,424.5	183.4	212.5	230.6
Japan	21,009.5	18,125.8	17,436.5	232.1	283.4	302.8
New Zealand	839.3	957.5	959.6	194.8	197.5	223.7
DEVELOPING ADB MEMBER ECONOMIES^a	175,339.4	207,373.2	235,437.1	153.5	177.9	197.0
ALL ADB REGIONAL MEMBERS^a	202,584.5	231,787.0	259,257.7	162.6	187.0	204.9
WORLD^a	511,392.7	544,778.5	579,939.4	179.5	199.9	214.4

... = data not available, – = magnitude equals zero, \$ = United States dollars, ADB = Asian Development Bank, GDP = gross domestic product, PJ = petajoule, PPP = purchasing power parity.

a Aggregates include only reporting economies with data corresponding to the year heading.

Sources: For Energy Use: United Nations. Energy Statistics Database. <https://data.un.org/SdmxBrowser/start> (accessed 04 July 2022). For GDP per Unit Use of Energy: Asian Development Bank estimates using data from World Bank's World Development Indicators Database. <https://databank.worldbank.org/source/world-development-indicators#> (accessed on 4 July 2022); and United Nations Energy Statistics Database. <https://data.un.org/SdmxBrowser/start> (accessed 04 July 2022).

Energy

Table 2.6.4: Energy Production and Imports

ADB Regional Member	Energy Production (PJ)			Energy Imports, Net (% of total energy use)		
	2010	2015	2019	2010	2015	2019
Developing ADB Member Economies						
Central and West Asia	16,391.7	17,420.5	17,945.1	-58.2	-60.9	-54.5
Afghanistan	41.4	61.0	82.4	70.5	63.9	56.4
Armenia	38.9	44.5	37.7	63.4	67.0	73.3
Azerbaijan	2,758.9	2,473.7	2,474.8	-467.8	-308.8	-272.9
Georgia	57.5	55.1	45.7	58.8	72.1	78.7
Kazakhstan	6,769.9	6,812.2	6,983.5	-101.3	-114.2	-132.6
Kyrgyz Republic	53.1	75.3	100.1	54.1	55.0	36.9
Pakistan	2,251.6	2,302.5	2,366.1	27.2	30.5	38.5
Tajikistan	114.7	131.3	169.9	20.0	21.2	18.2
Turkmenistan	1,981.9	3,407.3	3,399.1	-108.3	-193.8	-185.3
Uzbekistan	2,323.7	2,057.7	2,285.9	-27.6	-18.6	-14.4
East Asia^a	91,160.2	103,742.6	113,146.0	18.8	21.4	24.0
China, People's Republic of	88,642.0	100,962.7	109,744.5	12.8	16.1	19.7
Hong Kong, China	...	...	...	...	...	...
Korea, Republic of	1,863.1	2,124.8	1,992.0	82.3	81.4	83.0
Mongolia	655.0	655.1	1,409.4	-299.8	-139.9	-160.3
Taipei, China	...	...	...	...	...	...
South Asia	23,050.3	24,066.0	26,310.7	22.6	36.6	39.9
Bangladesh	1,304.1	1,509.6	1,560.5	12.7	16.3	24.5
Bhutan	72.9	76.8	84.9	-28.4	-20.3	-18.8
India	21,104.5	21,875.0	24,030.0	23.0	37.7	40.8
Maldives	0.2	0.2	0.2	98.9	99.1	99.1
Nepal	384.4	423.6	457.2	13.7	15.5	23.5
Sri Lanka	184.3	180.8	177.8	48.8	58.2	61.1
Southeast Asia	29,108.3	30,896.2	35,067.2	-31.2	-19.9	-15.7
Brunei Darussalam	775.2	672.8	637.5	-471.3	-491.2	-277.3
Cambodia	124.4	143.0	162.4	36.6	43.3	52.0
Indonesia	16,605.0	17,364.0	21,266.8	-105.7	-99.4	-90.8
Lao People's Democratic Republic	97.7	162.1	275.7	2.6	4.0	-12.1
Malaysia	3,450.0	3,748.0	4,085.1	-16.4	-9.5	-4.9
Myanmar	966.5	1,177.4	1,213.6	-46.5	-38.9	-25.8
Philippines	998.9	1,091.9	1,273.9	41.5	49.0	49.5
Singapore	24.9	26.3	26.9	97.7	97.7	96.7
Thailand	2,951.7	3,130.9	3,125.0	40.1	44.8	46.1
Timor-Leste	366.8	345.2	224.4	-8,170.0	-4,875.1	-2,194.6
Viet Nam	2,747.2	3,034.7	2,775.8	-17.7	7.2	36.9
The Pacific^a	106.8	253.7	253.7	41.3	-12.4	0.7
Cook Islands	...	0.0	0.0	...	98.8	97.0
Fiji	5.2	7.4	6.7	75.1	70.5	74.5
Kiribati	0.5	0.5	0.6	62.3	60.8	64.4
Marshall Islands	-	-	-	100.0	100.0	100.0
Micronesia, Federated States of	0.0	0.0	0.0	98.4	98.7	98.2
Nauru	0.0	0.0	0.0	100.0	99.9	99.5
Niue	0.0	0.0	0.0	80.3	83.7	82.9
Palau	...	0.0 (2016)	0.0	...	100.0 (2016)	99.8
Papua New Guinea	95.4	239.8	240.3	32.3	-34.7	-19.3
Samoa	1.5	1.6	1.7	63.3	67.6	69.6
Solomon Islands	3.2	3.3	3.3	59.6	56.4	56.2
Tonga	0.0	0.0	0.0	98.8	98.1	98.2
Tuvalu	0.0	0.0	0.0	99.8	97.4	94.4
Vanuatu	0.9	0.9	0.9	67.2	67.9	72.5
Developed ADB Member Economies	18,626.4	18,138.9	21,446.5	31.6	25.7	10.0
Australia	13,646.0	16,032.9	18,622.8	-152.9	-200.8	-243.3
Japan	4,205.5	1,321.9	2,079.3	80.0	92.7	88.1
New Zealand	775.0	784.0	744.4	7.7	18.1	22.4
DEVELOPING ADB MEMBER ECONOMIES^a	159,817.2	176,379.0	192,722.6	8.6	14.7	17.9
ALL ADB REGIONAL MEMBERS^a	178,443.6	194,517.9	214,169.1	11.7	15.9	17.2
WORLD^a	527,977.2	569,721.8	612,492.9	-3.4	-4.7	-5.7

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

a The aggregates for energy production include only economies with available data corresponding to the year heading. The aggregates for net energy imports include only economies with available data corresponding to the year heading for both energy use and energy production. Net energy imports are calculated as the difference between total energy use and total energy production divided by total energy use.

Sources: For Energy Production: United Nations. Energy Statistics Database. <https://data.un.org/SdmxBrowser/start> (accessed 04 July 2022). For Net Energy Imports: Asian Development Bank estimates using data from United Nations' Energy Statistics Database. <https://data.un.org/SdmxBrowser/start> (accessed 04 July 2022).

Table 2.6.5: Retail Prices of Fuel Energy
(\$/L)

ADB Regional Member	Gasoline (Premium)			Diesel		
	2010	2015	2021	2010	2015	2021
Developing ADB Member Economies						
Central and West Asia						
Afghanistan	...	...	...	...	...	...
Armenia	1.01	0.90	0.90	0.92	0.89	0.86
Azerbaijan	...	...	...	...	...	...
Georgia	1.03	0.82	0.87	1.00	0.82	0.87
Kazakhstan	0.58	0.56	0.38 (2019)	0.53	0.44	0.50 (2019)
Kyrgyz Republic	...	...	...	...	...	...
Pakistan	0.80	0.68	0.71 (2019)	0.83	0.78	0.81 (2019)
Tajikistan	...	...	...	...	...	...
Turkmenistan	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...
East Asia						
China, People's Republic of	...	...	...	...	...	...
Hong Kong, China	1.75	1.77	2.15	1.25	1.41	2.14
Korea, Republic of	1.48	1.34	1.39	1.30	1.15	1.22
Mongolia	1.01	0.79	0.77	0.96	0.91	0.82
Taipei, China	0.94	0.75	0.98	0.82	0.68	0.89
South Asia						
Bangladesh	...	...	...	...	...	...
Bhutan	...	...	...	...	...	...
India	1.05	1.18 (2014)	...	0.83	0.91 (2014)	...
Maldives	...	...	...	...	...	...
Nepal	1.22	1.22	0.97	0.95	0.97	0.83
Sri Lanka	1.02	0.86	0.88	0.65	0.70	0.60
Southeast Asia						
Brunei Darussalam	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...
Indonesia	0.50	0.66	0.69 (2019)	0.50	0.64	0.55 (2019)
Lao People's Democratic Republic	...	...	...	...	...	...
Malaysia	0.67	0.63	0.47 (2020)	0.57	0.49	0.43 (2020)
Myanmar	150.50	0.76	0.59 (2019)	1.54 (2012)	0.80	0.65 (2019)
Philippines	0.96	0.90	1.09	0.76	0.60	0.86
Singapore	1.35	1.59	2.08	0.89	0.85	1.34
Thailand	1.02	0.81	0.89	0.91	0.72	0.88
Timor-Leste	...	...	...	...	...	...
Viet Nam	1.42 (2011)	1.12	1.42	0.93 (2011)	0.68	0.67
The Pacific						
Cook Islands	...	...	...	...	...	...
Fiji	...	...	...	...	...	...
Kiribati	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...
Nauru	...	...	...	...	...	...
Niue	...	...	...	...	...	...
Palau	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...
Samoa	...	...	...	...	...	...
Solomon Islands	1.14	1.11	1.11	1.15	1.07	1.08
Tonga	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...
Vanuatu	1.50	1.36	1.44	...	...	...
Developed ADB Member Economies						
Australia	1.09	0.89	1.00	1.09	0.87	0.98
Japan	1.64	1.23	1.51	1.28	0.97	1.23
New Zealand	1.34	1.41	1.70	0.85	0.80	1.05

... = data not available, \$ = United States dollars, ADB = Asian Development Bank, L = liter.

Source: Economies' official sources.

Data Issues and Comparability

Energy data are compiled by the United Nations Statistics Division (UNSD) using standard procedures that follow the definitions of the United Nations International Recommendations for Energy Statistics.⁵ The UNSD Annual Questionnaire on Energy Statistics to the UN member economies is the primary source of information for the UNSD energy database. The UNSD sometimes prepares estimates where official data are incomplete or inconsistent. For the indicator on GDP per unit use of energy, the energy statistics adopt the territory principle, while national accounts are being compiled on the residency principle, which could be a potential source of inconsistency, although in practice differences are not huge (UN 2016).

For data on access to electricity, the Sustainable Energy for All (SE4ALL) database from the SE4ALL Global Tracking Framework—led jointly by the Energy Sector Management Assistance Program, the International Energy Agency, and the World Bank—provides recent updates on the proportion of access for an entire economy, as well as in rural and urban areas. The data for this indicator are a combination of economy-reported data and modeled estimates by the World Bank.

⁵ The full definitions can be found at <https://unstats.un.org/UNSD/energy/ires/>.

Table 2.7.1: Agriculture Land Use
(% of total land area)

ADB Regional Member	Agricultural Land			Arable Land			Permanent Cropland		
	2010	2015	2019	2010	2015	2019	2010	2015	2019
Developing ADB Member Economies									
Central and West Asia^a	67.5	67.4	67.1	13.8	14.2	14.2	0.4	0.4	0.4
Afghanistan	58.1	58.1	58.3	11.9	11.9	11.9	0.2	0.2	0.3
Armenia	60.9	58.9	58.9	15.8	15.7	15.6	1.9	2.0	2.1
Azerbaijan	57.7	57.7	57.8	22.8	23.4	25.4	2.8	2.9	3.1
Georgia	35.4	34.8	34.1	5.7	5.3	4.4	1.8	1.6	1.7
Kazakhstan	80.4	80.1	79.4	10.6	11.0	11.1	0.0	0.0	0.0
Kyrgyz Republic	55.3	55.0	54.1	6.7	6.7	6.7	0.4	0.4	0.4
Pakistan	45.7	47.0	47.1	38.1	39.4	39.6	1.1	1.0	1.0
Tajikistan	34.0	34.1	34.1	5.3	5.2	5.0	1.0	1.0	1.1
Turkmenistan	72.4	72.0	72.0	4.1	4.1	4.1	0.1	0.1	0.1
Uzbekistan	58.7	58.0	58.0	9.6	9.2	9.2	0.8	0.9	0.9
East Asia^a	58.2	58.1	58.1	11.2	11.0	11.0	1.3	1.5	1.5
China, People's Republic of	56.3	56.2	56.2	12.9	12.7	12.7	1.5	1.7	1.7
Hong Kong, China	5.2	4.9	4.8	3.3	3.0	2.9	1.0	1.0	1.0
Korea, Republic of	18.2	17.8	16.8	15.5	15.0	14.0	2.1	2.2	2.2
Mongolia	73.3	73.0	72.8	0.8	0.9	0.9	0.0	0.0	0.0
Taipei, China	23.0	22.5	22.3	16.9	16.7	16.7	6.1	5.8	5.6
South Asia^a	58.6	58.6	58.7	50.3	50.1	50.1	4.2	4.5	4.6
Bangladesh	71.0	70.4	72.2	59.9	59.4	61.2	6.5	6.4	6.4
Bhutan	13.6	13.8	13.5	2.6	2.6	2.5	0.3	0.3	0.2
India	60.4	60.4	60.4	52.8	52.6	52.5	4.1	4.4	4.5
Maldives	23.0	21.3	21.3	13.0	13.0	13.0	6.7	5.0	5.0
Nepal	28.8	28.7	28.7	15.2	14.7	14.7	1.1	1.5	1.5
Sri Lanka	41.8	44.3	45.4	19.1	21.0	22.2	15.6	16.2	16.2
Southeast Asia^a	28.9	30.3	31.5	15.4	16.0	16.5	9.6	10.5	11.2
Brunei Darussalam	2.5	2.5	2.5	0.8	0.8	0.8	1.1	1.1	1.1
Cambodia	30.9	31.5	31.5	21.5	22.0	22.0	0.9	1.1	1.1
Indonesia	29.6	30.5	33.2	12.6	12.7	14.0	11.2	12.0	13.3
Lao People's Democratic Republic	9.6	10.8	10.4	6.1	7.1	6.7	0.6	0.7	0.7
Malaysia	22.5	26.1	26.1	2.6	2.5	2.5	19.0	22.7	22.7
Myanmar	19.2	19.5	19.6	16.5	16.7	16.8	2.2	2.3	2.3
Philippines	40.6	41.7	41.7	17.8	18.7	18.7	17.8	17.9	17.9
Singapore	1.1	0.9	0.9	0.9	0.8	0.8	0.1	0.1	..
Thailand	41.2	43.3	43.3	30.8	32.9	32.9	8.8	8.8	8.8
Timor-Leste	25.0	25.6	25.6	10.1	10.4	10.4	4.8	5.0	5.0
Viet Nam	34.3	38.8	39.5	20.5	22.3	21.6	11.7	14.4	15.8
The Pacific^a	4.0	4.1	4.1	1.0	1.1	1.1	2.1	2.1	2.1
Cook Islands	5.6	6.3	6.3	2.9	4.2	4.2	2.7	2.1	2.1
Fiji	23.3	23.3	23.3	9.0	9.0	9.0	4.7	4.7	4.7
Kiribati	42.0	42.0	42.0	2.5	2.5	2.5	39.5	39.5	39.5
Marshall Islands	72.2	47.8	47.8	11.1	11.1	11.1	44.4	36.1	36.1
Micronesia, Federated States of	31.4	31.4	31.4	2.9	2.9	2.9	24.3	24.3	24.3
Nauru	20.0	20.0	20.0	..	..	..	20.0	20.0	20.0
Niue	19.2	19.2	19.2	3.8	3.8	3.8	11.5	11.5	11.5
Palau	9.3	9.3	9.3	0.7	0.7	0.7	4.3	4.3	4.3
Papua New Guinea	2.6	2.6	2.6	0.7	0.7	0.7	1.5	1.5	1.5
Samoa	14.7	26.7	26.7	4.2	11.5	11.5	8.3	11.0	11.0
Solomon Islands	3.8	4.0	4.2	0.7	0.7	0.7	2.9	3.0	3.2
Tonga	44.4	48.6	48.6	23.6	27.8	27.8	15.3	15.3	15.3
Tuvalu	60.0	60.0	60.0	..	..	..	60.0	60.0	60.0
Vanuatu	15.3	15.3	15.3	1.6	1.6	1.6	10.3	10.3	10.3
Developed ADB Member Economies^a	47.2	43.7	45.3	3.6	4.3	4.2	0.1	0.1	0.1
Australia	49.0	45.3	47.1	3.3	4.0	4.0	0.1	0.0	0.0
Japan	12.6	12.3	12.1	11.7	11.5	11.3	0.9	0.8	0.7
New Zealand	43.3	40.7	39.3	1.9	1.8	2.1	0.3	0.3	0.3
DEVELOPING ADB MEMBER ECONOMIES^a	54.0	54.2	54.3	17.6	17.7	17.8	3.0	3.3	3.4
ALL ADB REGIONAL MEMBERS^a	52.3	51.6	52.1	14.1	14.3	14.4	2.3	2.5	2.6
WORLD^a	36.8	36.4	36.5	10.5	10.6	10.6	1.2	1.3	1.3

0.0 = magnitude is less than half of unit employed, ADB = Asian Development Bank.

a Aggregates are weighted averages estimated using total land area for the respective year headings.

Source: Food and Agriculture Organization of the United Nations. FAOSTAT Database. <http://www.fao.org/faostat/en/#data/RL> (accessed 8 July 2022)

Pollution

Table 2.7.2: Deforestation and Pollution

ADB Regional Member	Deforestation Rate ^{a,b} (average % change)			Carbon Dioxide Emissions ^c (t '000)			Nitrous Oxide Emissions (t '000 CO ₂ equivalent)		
	2010	2015	2019	2010	2015	2019	2010	2015	2019
Developing ADB Member Economies									
Central and West Asia	-0.02	-0.31	-0.20	605,620	594,860	669,600	94,790	103,720	115,800
Afghanistan	0.00	0.00	0.00	7,110	5,950	6,080	4,580	4,620	5,010
Armenia	0.06	0.06	0.06	4,340	5,340	6,170	770	1,090	1,270
Azerbaijan	-0.44	-0.85	-1.04	24,310	31,770	35,510	3,360	4,100	4,130
Georgia	-0.22	0.00	0.00	5,320	9,200	10,110	1,830	2,270	2,160
Kazakhstan	0.24	-1.39	-0.86	229,700	190,730	212,110	11,050	10,890	12,170
Kyrgyz Republic	-0.40	-0.35	-1.43	6,350	10,270	10,050	1,640	1,800	1,920
Pakistan	1.01	0.81	1.09	140,620	164,130	190,570	53,510	58,250	66,670
Tajikistan	0.00	-0.56	-0.24	2,450	4,900	9,420	1,570	1,940	2,030
Turkmenistan	0.00	0.00	0.00	59,180	73,400	72,870	3,470	3,500	3,670
Uzbekistan	-1.17	-1.14	-0.71	126,240	99,170	116,710	13,010	15,260	16,770
East Asia	-1.07	-0.84	-0.79	9,334,598	10,762,065	11,341,080	511,016	575,981	576,280
China, People's Republic of ^e	-1.19	-0.93	-0.87	8,474,920	9,861,100	10,707,220	488,160	549,330	552,060
Hong Kong, China ^e	...	...	...	...	...	...	...	...	...
Korea, Republic of	0.14	0.16	0.16	575,220	607,830	610,790	9,260	9,870	10,330
Mongolia	0.06	0.01	0.01	14,310	17,300	23,070	8,640	12,250	13,890
Taipei, China ^e	...	...	...	270,148	275,835	282,842 (2018)	4,956	4,531	5,029 (2018)
South Asia	-0.26	-0.33	-0.31	1,729,630	2,259,900	2,587,430	273,840	290,530	298,780
Bangladesh	0.17	0.05	0.00	50,580	72,190	90,740	26,150	28,360	28,920
Bhutan	-0.37	-0.07	-0.07	400	770	1,050	110	100	110
India	-0.27	-0.38	-0.37	1,659,980	2,158,020	2,456,300	239,140	252,300	260,170
Maldives	-	-	-	960	1,370	2,110	10	10	10
Nepal	-0.30	0.00	0.00	4,640	7,190	13,450	5,670	6,540	7,120
Sri Lanka	0.30	-0.24	0.15	13,070	20,360	23,780	2,760	3,220	2,450
Southeast Asia	0.29	0.73	0.58	1,149,430	1,409,450	1,748,710	181,950	194,400	213,530
Brunei Darussalam	0.45	0.00	0.00	7,170	6,400	6,990	140	140	150
Cambodia	0.18	3.79	1.86	5,140	8,430	16,180	4,320	4,580	4,720
Indonesia	0.16	0.97	0.65	415,520	488,550	619,840	80,480	86,970	98,090
Lao People's Democratic Republic	0.29	0.21	0.21	2,880	8,880	18,710	2,510	2,720	2,860
Malaysia	0.39	-0.53	0.26	200,220	236,540	253,270	12,960	13,220	13,020
Myanmar	1.08	0.96	0.99	8,130	19,040	36,720	17,290	20,110	23,480
Philippines	0.68	-0.50	-0.49	81,930	111,010	145,420	12,760	12,610	14,070
Singapore	-0.41	1.52	1.13	42,410	45,430	47,380	6,750	8,390	9,940
Thailand	-0.54	0.01	0.18	234,380	264,000	267,090	22,620	19,820	21,580
Timor-Leste	0.15	0.15	0.15	240	520	620	220	270	260
Viet Nam	-1.21	-0.97	-0.52	151,410	220,650	336,490	21,900	25,570	25,360
The Pacific	0.01	0.06	0.07	7,520	9,340	11,010	4,200	4,220	4,190
Cook Islands	-0.01	0.00	0.00	...	...	...	...	...	...
Fiji	-0.63	-0.61	-0.59	1,160	1,380	1,630	330	180	210
Kiribati	0.00	0.00	0.00	50	60	90	-	-	10
Marshall Islands	0.00	0.00	0.00	140	150	180	-	-	-
Micronesia, Federated States of	-0.04	-0.04	-0.05	110	150	180	20	30	30
Nauru	...	...	...	40	60	60	-	-	-
Niue	0.03	-0.05	-0.05	...	...	...	...	...	...
Palau	-0.24	-0.21	-0.19	210	210	250	...	...	...
Papua New Guinea	0.03	0.09	0.09	5,020	6,510	7,580	3,600	3,740	3,660
Samoa	0.29	0.29	0.30	190	240	300	50	60	60
Solomon Islands	0.03	0.03	0.03	340	310	360	20	20	20
Tonga	0.00	0.00	0.00	120	120	160	50	50	50
Tuvalu	0.00	0.00	0.00	10	10	10	-	-	-
Vanuatu	0.00	0.00	0.00	130	140	210	130	140	150
Developed ADB Member Economies	0.13	-0.42	-0.01	1,575,070	1,589,520	1,502,110	88,540	105,710	94,640
Australia	0.17	-0.54	0.00	387,540	377,800	386,530	54,100	71,810	60,870
Japan	-0.04	0.02	0.00	1,156,480	1,179,440	1,081,570	20,080	18,720	18,700
New Zealand	0.00	0.00	-0.11	31,050	32,280	34,010	14,360	15,180	15,070
DEVELOPING ADB MEMBER ECONOMIES	-0.34	-0.14	-0.17	12,826,798	15,035,615	16,357,830	1,065,796	1,168,851	1,208,580
ALL ADB REGIONAL MEMBERS	-0.24	-0.20	-0.14	14,401,868	16,625,135	17,859,940	1,154,336	1,274,561	1,303,220

continued on next page

Table 2.7.2: Deforestation and Pollution (continued)

ADB Regional Member	Methane Emissions (t '000 CO ₂ equivalent)			Other Greenhouse Gases ^d (t '000 CO ₂ equivalent)		
	2010	2015	2019	2010	2015	2016
Developing ADB Member Economies						
Central and West Asia	320,080	364,460	395,120	-12,708	-21,786	-2,334
Afghanistan	15,200	15,960	16,370	2,582	-691	-1,800
Armenia	2,200	2,470	2,320	469	1,149	722
Azerbaijan	14,020	14,230	14,670	-54	-1,163	-514
Georgia	5,750	5,510	5,190	-248	1,005	1,190
Kazakhstan	48,590	47,350	48,890	-20,146	-20,260	-7,610
Kyrgyz Republic	3,890	4,370	4,800	1,569	3,669	2,918
Pakistan	125,460	146,050	162,760	-8,720	6,550	10,236
Tajikistan	4,330	5,230	5,660	-759	-753	260
Turkmenistan	53,740	77,780	80,480	-3,962	-6,292	-6,869
Uzbekistan	46,900	45,510	53,980	16,562	-4,999	-867
East Asia	1,111,905	1,203,091	1,217,630	-261,624	-329,144	-304,445
China, People's Republic of ^e	1,072,780	1,159,610	1,176,140	-285,418	-382,872	-364,711
Hong Kong, China ^e	...	...	...	...	...	...
Korea, Republic of	24,270	23,220	22,700	17,515	48,128	56,606
Mongolia	8,940	15,750	18,790	1,320	1,711	-224
Taipei, China ^e	5,915	4,511	4,315 (2018)	4,959	3,890	3,885
South Asia	739,780	760,690	781,670	-176,304	-248,524	-325,548
Bangladesh	85,580	89,830	92,650	-8,226	2,224	1,514
Bhutan	540	490	470	-676	-595	-422
India	623,370	638,820	656,650	-166,579	-254,017	-333,368
Maldives	90	110	130	213	360	737
Nepal	21,600	22,490	23,550	-124	-605	1,576
Sri Lanka	8,600	8,950	8,220	-911	4,110	4,415
Southeast Asia	628,570	628,890	642,820	-1,686	37,794	15,648
Brunei Darussalam	1,800	1,570	1,590	-301	-1,160	-902
Cambodia	18,190	17,660	18,200	963	3,006	3,983
Indonesia	270,500	271,360	280,950	-4,542	-4,638	-32,216
Lao People's Democratic Republic	6,950	7,590	7,560	88	4,531	10,919
Malaysia	31,790	36,250	36,810	-1,220	-9,767	-29,432
Myanmar	65,150	66,530	73,050	-123	3,206	5,188
Philippines	60,890	63,670	64,730	191	5,719	4,267
Singapore	3,160	3,860	4,250	411	3,025	2,728
Thailand	81,190	70,880	70,190	5,664	26,494	28,220
Timor-Leste	6,570	5,990	5,010	-28	146	204
Viet Nam	82,380	83,530	80,480	-2,789	7,232	22,688
The Pacific	8,230	12,550	12,760	-752	-1,662	-715
Cook Islands	...	...	...	...	...	...
Fiji	760	370	450	36	-18	107
Kiribati	20	20	20	25	21	17
Marshall Islands	30	30	30	...	...	...
Micronesia, Federated States of	40	50	50	...	...	...
Nauru	-	-	-	49	...	...
Niue	...	...	...	...	...	...
Palau	20	20	20	...	191	228
Papua New Guinea	6,200	10,790	10,860	-1,062	-1,905	-1,267
Samoa	270	300	310	75	91	130
Solomon Islands	340	380	410	143	61	108
Tonga	90	90	90	-66	-115	-91
Tuvalu	10	10	10	9	...	...
Vanuatu	450	490	510	40	12	52
Developed ADB Member Economies	178,850	196,110	185,970	-62,498	-59,251	-39,327
Australia	114,900	134,160	126,070	-21,765	-29,898	-17,269
Japan	30,520	28,850	27,380	-39,416	-29,850	-21,412
New Zealand	33,430	33,100	32,520	-1,317	497	-646
DEVELOPING ADB MEMBER ECONOMIES	2,808,565	2,969,681	3,050,000	-453,073	-563,321	-617,394
ALL ADB REGIONAL MEMBERS	2,987,415	3,165,791	3,235,970	-515,571	-622,571	-656,721

... = data not available, - = magnitude equals zero, 0.00 = magnitude is less than half of unit employed, ADB = Asian Development Bank, CO₂ = carbon dioxide, t = metric ton.

a Rate refers to percentage change over previous year. A negative value indicates that the deforestation rate is decreasing (i.e., reforestation).

b Aggregates are calculated as the percentage change of the sum of forest land area of the reporting economies.

c Data from the World Bank are expressed in kiloton (kt), while data provided in the table are expressed in thousands of metric tons (t), using a conversion factor of 1 kt = 1,000 metric tons.

d Other greenhouse gas emissions refer to hydrofluorocarbons, perfluorocarbons, and sulphur hexafluoride.

e For estimates for Hong Kong, China; the People's Republic of China; and Taipei, China, please refer directly to the FAOSTAT notes.

Sources: Food and Agriculture Organization of the United Nations. FAOSTAT Database. <http://www.fao.org/faostat/en/#data/RL> (accessed 8 July 2022); and World Bank. World Development Indicators. <https://databank.worldbank.org/source/world-development-indicators#> (accessed 11 July 2022). For Taipei, China: Directorate General of Budget, Accounting and Statistics. Statistical Yearbook 2020, <https://eng.dgbas.gov.tw/lp.asp?CtNode=2351&CtUnit=1072&BaseDSD=36&mp=2> (accessed 11 July 2022).

Freshwater

Table 2.7.3: Freshwater Resources

ADB Regional Member	Internal Renewable Freshwater Resources		Annual Freshwater Withdrawals	Water Productivity ^a
	(m ³ billion per year)	(m ³ per inhabitant per year)	(m ³ billion)	(constant 2015 \$ per m ³)
	2018 ^b	2018 ^c	2017	2017
Developing ADB Member Economies				
Central and West Asia	370	1,087	...	...
Afghanistan	47	1,268	20	1.0
Armenia	7	2,324	3	4.0
Azerbaijan	8	816	13	4.0
Georgia	58	15,599	2	8.9
Kazakhstan	64	3,521	22	8.6
Kyrgyz Republic	49	7,739	8	0.9
Pakistan	55	259	200	1.5
Tajikistan	63	6,973	10	0.9
Turkmenistan	1	240	28	1.5
Uzbekistan	16	496	59	1.5
East Asia^d	2,913	1,957	...	...
China, People's Republic of	2,813	2,005	592	21.4
Hong Kong, China	...	...	...	...
Korea, Republic of	65	1,257	29	53.3
Mongolia	35	10,977	0	27.1
Taipei, China	...	...	...	...
South Asia	1,880	1,202	...	...
Bangladesh	105	651	36	6.2
Bhutan	78	103,394	0	6.7
India	1,446	1,069	648	3.8
Maldives	0	58	0	996.8
Nepal	198	7,054	9	2.8
Sri Lanka	53	2,437	13	6.7
Southeast Asia	4,993	7,637	...	...
Brunei Darussalam	9	19,815	0	138.9
Cambodia	121	7,422	2	9.4
Indonesia	2,019	7,542	223	4.3
Lao People's Democratic Republic	190	26,963	7	2.2
Malaysia	580	18,396	7	49.7
Myanmar	1,003	18,671	33	2.0
Philippines	479	4,491	93	3.8
Singapore	1	106	0	676.0
Thailand	225	3,234	57	7.5
Timor-Leste	8	6,479	1	1.3
Viet Nam	359	3,762	82	2.7
The Pacific^d	884	80,368	...	...
Cook Islands	...	...	...	...
Fiji	29	32,315	0	59.5
Kiribati	...	...	...	...
Marshall Islands	...	...	...	...
Micronesia, Federated States of	...	...	...	...
Nauru	0	937	...	...
Niue	...	...	...	...
Palau	...	...	...	...
Papua New Guinea	801	93,071	0	60.5
Samoa	...	...	...	...
Solomon Islands	45	68,468	...	...
Tonga	...	...	...	...
Tuvalu	...	...	...	...
Vanuatu	10	34,168	...	...
Developed ADB Member Economies	1,249	7,979	...	...
Australia	492	19,694	16	89.1
Japan	430	3,391	81	56.1
New Zealand	327	66,727	10	19.4
DEVELOPING ADB MEMBER ECONOMIES^d	11,039	2,737	...	...
ALL ADB REGIONAL MEMBERS^d	12,288	2,933	...	...

... = data not available, 0 = magnitude is less than half of unit employed, \$ = United States dollars, ADB = Asian Development Bank, m³ = cubic meter.

a Gross domestic product in 2015 United States dollars per cubic meter of total freshwater withdrawal.

b Regional aggregates are calculated as the sum of the economies.

c Regional aggregates are weighted averages estimated using population.

d For reporting economies only.

Sources: Food and Agriculture Organization of the United Nations. AQUASTAT Database. <http://www.fao.org/nr/water/aquastat/data/query/index.html> (accessed 11 July 2022); and World Bank. World Development Indicators. <http://data.worldbank.org/indicator> (accessed 11 July 2022).

Data Issues and Comparability

Data on greenhouse gases (GHGs) have been compiled from the Emissions Database for Global Atmospheric Research, a joint project of the European Commission Joint Research Centre and the Netherlands Environmental Assessment Agency. This database applies a technology-based emissions factor approach consistently for all economies. It utilizes a consistent set of activity data for calculating various substances, GHGs, and air pollutants; and relies on the spatial allocation of emissions on a 0.1-degree by 0.1-degree grid.

There may be substantial uncertainty in economy-level data—especially for methane, nitrous oxide, and other GHGs—due to the limited accuracy of international activity data and the emission factors selected for calculating emissions on an economy level. However, since Intergovernmental Panel on Climate Change methodologies are consistently used, and data are based on international information sources, there is sound basis for comparability.⁶

The Food and Agricultural Organization of the United Nations monitors land use and forestry data using its own expert sources, country reports, satellite imagery, and official data reported on through questionnaires conducted by the organization.

⁶ For more information on the methodologies of the Emissions Database for Global Atmospheric Research, go to <https://edgar.jrc.ec.europa.eu/methodology>.

Government Finance

Table 2.8.1: Government Net Lending/Net Borrowing
(% of GDP)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan ^a	2.4	-1.4	0.2	-0.4	0.8	-1.7	-4.4	...
Armenia	-5.0	-4.8	-5.5	-4.8	-1.6	-0.8	-5.1*	-4.6
Azerbaijan	15.4	-2.8	2.4	1.9	9.5	6.2	-2.8	...
Georgia	-4.3	-1.0	-1.2	-0.1	-0.8	-1.6	-9.0	-5.9
Kazakhstan	5.0	-2.2	-2.8	-3.0	1.4	-0.5	-6.9	...
Kyrgyz Republic ^b	-4.9	-1.4	-4.4	-3.1	-1.1	-0.1	-3.3	-0.2
Pakistan ^c	-6.0	-5.2	-4.0	-5.2	-5.7	-7.8	-7.0	-6.0
Tajikistan ^d	-9.2	-7.4	-10.1	-11.8	-10.6	-7.8	0.3*	0.2
Turkmenistan	2.0	-0.7	...	...	...	...	...	...
Uzbekistan	...	3.3	4.0	1.5	3.2	0.5	-1.5	...
East Asia								
China, People's Republic of	-1.6	-3.4	-3.8	-3.7	-4.1	-4.9	-6.2	-3.8
Hong Kong, China	4.1	1.4	4.7	6.3	3.5	1.9	-8.9	...
Korea, Republic of	1.1 (2012)	1.2	2.5	2.6	3.1	0.8	-2.7	...
Mongolia	-3.2	-10.9	-23.0	-11.1	-4.1	-9.0	-20.4	-14.3
Taipei, China	-2.6	0.2	-0.3	-0.1	0.1	0.5	-0.3	...
South Asia								
Bangladesh ^e	-1.7	-2.2	-2.7	-3.0	-1.9	-4.6	-4.3	-3.2
Bhutan ^c	1.5	1.5	-1.1	-3.5	-0.3	-2.3	-2.4	-6.7
India ^e	-4.9	-3.9	-3.5	-3.5	-3.4	-4.7	-9.2*	-6.7
Maldives ^f	-12.9	-6.5	-10.0	-3.1	-5.3	-6.7	-23.5*	-16.6
Nepal ^g	-1.4	0.9	1.2	-2.4	-4.8	-4.8	-4.9	...
Sri Lanka	-6.1	-7.2	-5.0	-5.0	-5.0	-6.4	-12.7	-11.6
Southeast Asia								
Brunei Darussalam ^h	15.1	-14.8	-16.7	-13.2	0.2	-5.6	-19.3	...
Cambodia	-4.5	-0.9	-0.4	-0.8	0.4	2.2	-3.7*	-7.3
Indonesia	-0.6	-3.0	-1.9	-2.0	-1.7	-2.1	-6.1	-4.6
Lao People's Democratic Republic ⁱ	-0.9	-3.7	-4.9	-5.3	-4.2	-2.6	-4.9	...
Malaysia	-5.0	-3.1	-3.0	-2.9	-3.6	-3.4	-6.1	...
Myanmar ^j	-4.4 (2012)	-4.4	-3.3	-3.7	-5.9	-4.0	...	...
Philippines	-3.3	-1.3	-2.2	-2.1	-3.1	-3.3	-7.5	-8.3
Singapore ^e	7.5	4.2	5.0	7.6	4.8	7.4	-7.5	...
Thailand ⁱ	-0.7	0.2	0.4	-0.4	0.1	0.4	-4.5	-6.9
Timor-Leste	...	7.3	-10.4	8.4	5.0	-4.0	...	...
Viet Nam ^k	0.1	-4.4	-2.2	-1.2	-0.1	0.4*	-3.2*	-3.4
The Pacific								
Cook Islands ^c	2.9	-7.8	1.4	8.7*	5.2*	5.7*	-10.3	...
Fiji ^j	-2.6	-2.2	-0.8	-0.9	-4.6	...	...	...
Kiribati	-6.9 (2011)	56.1	21.6	16.8	51.9*	19.0*	30.8	...
Marshall Islands ^l	3.5	2.8	3.9	4.4	2.5	-1.8	5.0*	0.7
Micronesia, Federated States of ^l	0.5	10.3	7.3	14.2	24.2	...	...	...
Nauru ^c	0.1	10.5	21.4	20.1	33.6*	29.9*	35.7*	43.8
Niue	...	...	...	...	...	...	...	...
Palau ⁱ	-1.0	5.2	3.6	4.8	6.2	0.3*	...	...
Papua New Guinea	...	...	...	-2.4	-2.6	-5.0*	-8.6*	-7.1
Samoa	-8.1 (2012)	-3.7	0.7	-0.6	1.3	4.6	7.6	...
Solomon Islands	5.7	0.8	-3.2	-2.3	1.5	-1.5	-2.4	-5.1
Tonga ^c	...	...	1.5	3.6	2.9	3.1	0.9	...
Tuvalu	11.5 (2012)	40.0	4.6	...	...	...	...	...
Vanuatu	-1.7 (2012)	7.2	-0.3	2.2	8.4	7.0	...	...
Developed ADB Member Economies								
Australia ^c	-5.5	-2.9	-2.6	-2.2	-1.3	-1.2	-7.6	-9.3
Japan ^e	-8.8	-3.6	-3.5	-2.9	-2.4	-3.1	-10.0	...
New Zealand ^c	-3.5	0.1	0.5	1.3	1.3	1.2	-6.1	-1.9

... = data not available; | = marks break in series; * = preliminary, provisional, estimate; ADB = Asian Development Bank; GDP = gross domestic product.

Note: In general, economies follow the guidelines of the International Monetary Fund on Government Finance Statistics (GFS). Some economies still use the 1986 version of the GFS guidelines, while others have switched to the 2001 or 2014 guidelines. The comparability of the data in this table is limited by variations in the concepts and definitions used in different versions of the GFS framework. Data refer to government net lending/net borrowing as classified in the GFS 2001 or GFS 2014 framework, except for Bhutan; Brunei Darussalam; India; the Kyrgyz Republic; Maldives; Nauru; Pakistan; the People's Republic of China; Taipei, China; Tajikistan; Turkmenistan; and Viet Nam, where data refer to overall budgetary surplus/deficit as classified in the GFS 1986 framework. Data refer to general government, except for Bangladesh; Bhutan; Brunei Darussalam; Cambodia; the Federated States of Micronesia; Fiji; India; the Lao People's Democratic Republic; Malaysia; Maldives; the Marshall Islands; Nauru; Nepal; Palau; the Philippines; Solomon Islands; Sri Lanka; Taipei, China; Timor-Leste; Tonga; Tuvalu; Vanuatu; and Viet Nam, where data refer to central government. For Azerbaijan: Data for 2000–2007 (featured in the Key Indicators Database) are based on the state budget. For Cambodia: Data refer to central government excluding extra budgetary central government. For Pakistan: Data refer to the consolidated federal and provincial governments. For the People's Republic of China: Data refer to consolidated central and local governments. For Turkmenistan: Data prior to 2011 refer to central government.

a The longer time series featured in the Key Indicators Database refers to GFS data for 2005–2011 based on fiscal year beginning 21 March. For 2012, data cover 9 months from 21 March to 20 December. For 2013 onward, GFS data are based on fiscal year ending 20 December. For 2005–2015, national accounts data are based on fiscal year beginning 21 March. For 2016 onward, national accounts data are based on fiscal year ending 20 December.

b For 2007 onward, data are calculated excluding net lending.

c Data are based on fiscal year ending 30 June.

d National accounts data prior to 2015 are based on the 1993 System of National Accounts while figures for 2015 onward are based on the 2008 System of National Accounts.

e Data are based on fiscal year beginning 1 April.

f For 2013 onward, data are calculated excluding net lending.

g Data are based on fiscal year ending 15 July.

h The longer time series featured in the Key Indicators Database refers to data for 2003 onward based on fiscal year beginning 1 April. Data are derived as excess of revenue over expenditure (ordinary plus charged) less the sum of contribution to a development fund, contribution to a government trust fund, and capital and currency adjustments.

i Data are based on fiscal year ending 30 September.

j The longer time series featured in the Key Indicators Database refers to GFS data for 2012–2018 based on fiscal year beginning 1 April. For 2019, GFS data are based on fiscal year beginning 1 October.

k Includes local government budget.

l The longer time series featured in the Key Indicators Database refers to GFS data for 2000–2014 based on fiscal year ending 31 December. For 2015 onward, GFS data are based on fiscal year ending 31 July.

Sources: Economies' official sources. For Timor-Leste: International Monetary Fund. Government Finance Statistics. <https://data.imf.org/> (accessed 13 May 2022). For Nauru (2012–2020): International Monetary Fund. Staff Country Reports. Republic of Nauru: 2021 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2022/02/07/Republic-of-Nauru-2021-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-512874> (accessed 28 April 2022).

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

Table 2.8.2: Government Taxes
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia							
Afghanistan ^a	8.8	7.1	8.7	9.5	8.4	7.5	...
Armenia	17.7	21.3	21.0	21.1	22.6	22.5	22.7
Azerbaijan	12.3	15.7	13.3	13.1	14.3	17.3	...
Georgia	22.3	23.6	24.3	23.4	24.1	22.2	22.5
Kazakhstan	19.6	13.6	13.8	15.1	15.1	12.4	...
Kyrgyz Republic	17.9	19.7	19.5	20.5	19.6	17.8	20.9
Pakistan ^b	10.0	11.0	11.2	11.4	10.2	10.0	9.5
Tajikistan ^c	18.0	20.8	20.3	20.5	20.4	18.3	19.9
Turkmenistan	17.5 (2011)	15.6	...	...	...	...	...
Uzbekistan	...	20.3	17.3	19.8	19.4	19.6	...
East Asia							
China, People's Republic of	17.8	18.1	17.4	17.0	16.0	15.2	15.1
Hong Kong, China ^d	13.5	14.4	14.3	13.8	13.3	14.0	...
Korea, Republic of	18.0 (2012)	17.6	19.0	20.1	20.0	20.2	...
Mongolia	24.2	17.7	17.9	20.3	20.9	18.7	20.9
Taipei, China	7.7	8.6	8.6	8.9	9.0	8.1	...
South Asia							
Bangladesh ^b	10.2	8.9	9.1	7.4	8.9	7.7	8.5
Bhutan ^b	13.3	15.0	14.2	16.6	15.7	13.0	11.7
India ^d	7.5	6.9	7.3	7.0	6.8	7.2	7.5
Maldives	8.8	19.4	20.2	19.4	19.2	19.0	18.1
Nepal ^e	13.4	14.7	18.0	19.1	19.8	15.7	...
Sri Lanka	10.9	11.7	11.6	11.2	10.9	7.7	7.3
Southeast Asia							
Brunei Darussalam ^f	...	...	...	...	...	...	...
Cambodia	7.3	14.6	15.8	17.1	19.7	17.9	16.2
Indonesia	12.1	12.0	11.2	11.5	11.1	9.5	10.2
Lao People's Democratic Republic ^g	13.8	13.5	12.2	11.7	11.5	9.4	...
Malaysia	13.3	14.1	12.9	12.0	11.9	10.9	...
Myanmar ^h	6.6 (2012)	7.5	7.9	7.4	7.0	...	...
Philippines	11.6	13.0	13.6	14.0	14.5	14.0	14.1
Singapore ^d	12.8	13.1	14.0	13.0	13.2	12.9	...
Thailand ^e	16.1	17.6	16.3	16.5	16.1	15.7	15.6
Timor-Leste	...	7.8	8.6	8.4	6.2	...	...
Viet Nam ⁱ	22.4	18.0	18.3	18.4	18.6	16.8	14.1
The Pacific							
Cook Islands ^b	27.0	23.5	26.0	27.0	29.5	34.0	...
Fiji	...	...	...	...	...	...	...
Kiribati ^b	18.3 (2011)	22.7	22.6	21.7	24.9	26.6	...
Marshall Islands ^g	15.8	14.0	14.3	14.5	14.6	13.9	14.1
Micronesia, Federated States of ^g	12.0	12.3	17.5	32.2	...	...	...
Nauru ^b	8.1 (2012)	21.7	21.2	29.6	36.1	48.4	48.4
Niue	...	...	...	...	...	...	...
Palau ^g	17.0	20.3	19.8	21.2	20.0	19.6	...
Papua New Guinea	...	...	12.3	13.2	13.0	11.5	11.6
Samoa ^b	20.9 (2012)	23.6	25.0	25.5	26.2	24.4	...
Solomon Islands	22.0	25.7	24.8	25.5	22.2	21.1	19.7
Tonga ^b	...	...	21.0	21.9	20.9	22.8	...
Tuvalu	28.5 (2012)	33.1	...	...	...	...	...
Vanuatu	17.3 (2012)	16.9	17.1	17.8	17.5	...	...
Developed ADB Member Economies							
Australia ^b	25.6	27.3	27.6	28.6	28.7	27.8	28.7
Japan ^d	15.6	18.6	18.7	19.1	18.8	20.0	...
New Zealand ^b	29.2	30.7	31.0	30.6	31.7	30.4	32.6

... = data not available, ADB = Asian Development Bank; GDP = gross domestic product.

Note: In general, economies follow the guidelines of the International Monetary Fund on Government Finance Statistics (GFS). Some economies still use the 1986 version of the GFS guidelines, while others have switched to the 2001 or 2014 guidelines. The comparability of the data in this table is limited by variations in the concepts and definitions used in different versions of the GFS framework. Data refer to government taxes as classified in the GFS 2001 or GFS 2014 framework, except for Bhutan; Brunei Darussalam; India; the Kyrgyz Republic; Maldives; Nauru; Pakistan; the People's Republic of China; Taipei, China; Tajikistan; Turkmenistan; and Viet Nam, where data refer to tax revenue as classified in the GFS 1986 framework. Data refer to general government, except for Bangladesh; Bhutan; Brunei Darussalam; Cambodia; the Federated States of Micronesia; Fiji; India; the Lao People's Democratic Republic; Malaysia; Maldives; the Marshall Islands; Nauru; Nepal; Palau; the Philippines; Solomon Islands; Sri Lanka; Taipei, China; Timor-Leste; Tonga; Tuvalu; Vanuatu; and Viet Nam, where data refer to central government. For Armenia: Data prior to 2010 (featured in the Key Indicators Database) refer to central government. For Azerbaijan: Data for 2000–2007 (featured in the Key Indicators Database) are based on the state budget. For Cambodia: Data refer to central government excluding extra budgetary central government. For Pakistan: Data refer to the consolidated federal and provincial governments. For the People's Republic of China: Data refer to consolidated central and local governments. For Turkmenistan: Data prior to 2011 refer to central government. For Viet Nam: Data include local government.

a The longer time series featured in the Key Indicators Database refers to GFS data for 2005–2011 based on fiscal year beginning 21 March. For 2012, GFS data cover 9 months from 21 March to 20 December. For 2013 onward, GFS data are based on fiscal year ending 20 December. For 2005–2015, national accounts data are based on fiscal year beginning 21 March. For 2016 onward, national accounts data are based on fiscal year ending 20 December.

b Data are based on fiscal year ending 30 June.

c National accounts data prior to 2015 are based on the 1993 System of National Accounts while figures for 2015 onward are based on the 2008 System of National Accounts.

d Data are based on fiscal year beginning 1 April.

e Data are based on fiscal year ending 15 July.

f The longer time series featured in the Key Indicators Database refers to data for 2003 onward based on fiscal year beginning 1 April.

g Data are based on fiscal year ending 30 September.

h For 2012–2018, GFS data are based on fiscal year beginning 1 April. For 2019, GFS data are based on fiscal year beginning 1 October. For 2012–2015, national accounts data are based on fiscal year beginning 1 April. For 2016 onward, national accounts data are based on fiscal year beginning 1 October.

i Taxes include local government taxes.

Sources: Economies' official sources. For Hong Kong, China; Nepal; and Timor-Leste: International Monetary Fund (IMF). Government Finance Statistics. <https://data.imf.org/> (accessed April–June 2022). For Nauru (2015–2016): IMF. Staff Country Reports. Republic of Nauru: 2019 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2020/01/29/Republic-of-Nauru-2019-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-49001> (accessed 9 May 2021). For Nauru (2017–2021): IMF. Staff Country Reports. Republic of Nauru: 2021 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2022/02/07/Republic-of-Nauru-2021-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-512874> (accessed 28 April 2022).

Government Finance

Table 2.8.3: Government Revenue
(% of GDP)

ADB Regional Member	2010	2015	2017	2018	2019	2020	2021
Developing ADB Member Economies							
Central and West Asia							
Afghanistan ^a	23.0	23.9	27.3	29.8	26.9	24.1	...
Armenia	23.2	23.8	22.9	23.0	24.7	26.0	25.0
Azerbaijan	47.0	34.4	35.3	39.7	43.0	37.9	...
Georgia	26.9	30.4	31.0	28.6	29.2	27.2	27.3
Kazakhstan	25.5	17.6	19.9	19.6	19.1	17.4	...
Kyrgyz Republic	23.1	27.7	25.2	25.0	24.9	23.3	27.1
Pakistan ^b	14.2	14.4	13.9	13.3	11.2	13.2	12.4
Tajikistan ^c	19.3	23.7	22.5	23.3	23.0	21.9	29.8
Turkmenistan ^d	15.8	16.6	...	...	...	...	...
Uzbekistan	...	27.6	24.3	27.9	27.9	27.1	...
East Asia							
China, People's Republic of	20.2	22.1	20.7	19.9	19.3	18.0	17.7
Hong Kong, China ^e	22.3	21.7	25.8	23.8	23.3	23.3	...
Korea, Republic of	33.3 (2012)	32.2	33.2	33.4	34.1	34.3	...
Mongolia	32.0	25.8	26.1	28.5	29.3	25.5	29.5
Taipei, China	10.7	11.4	10.8	11.1	11.1	11.0	...
South Asia							
Bangladesh ^b	13.0	10.6	10.5	8.3	10.4	9.6	10.7
Bhutan ^b	27.4	21.4	19.5	22.8	18.2	21.8	25.4
India ^e	10.8	9.1	9.1	8.8	8.7	8.5	9.2
Maldives	19.3	26.4	27.2	26.2	25.6	24.8	24.1
Nepal ^f	18.1	18.6	21.3	23.2	23.2	20.0	...
Sri Lanka	12.6	12.6	12.8	12.6	11.9	8.7	8.3
Southeast Asia							
Brunei Darussalam ^g	49.0	20.9	23.1	32.9	26.4	12.2	...
Cambodia	13.8	18.5	20.4	22.1	24.8	21.9	18.9
Indonesia	16.6	15.1	14.1	14.8	14.3	12.3	13.4
Lao People's Democratic Republic ^h	21.7	20.3	16.3	16.2	15.6	12.6	...
Malaysia	19.4	18.6	16.1	16.1	17.5	15.9	...
Myanmar ⁱ	9.8 (2012)	11.8	11.8	10.9	10.2	...	...
Philippines	12.9	14.7	14.9	15.5	16.1	15.9	15.5
Singapore ^e	16.8	18.0	20.2	18.2	21.0	18.3	...
Thailand ^h	20.6	22.2	20.8	21.2	20.9	20.7	20.0
Timor-Leste	...	91.1	80.6	85.0	64.4	...	...
Viet Nam ^j	26.7	23.5	25.7	25.7	25.6	23.9	18.6
The Pacific							
Cook Islands ^b	38.3	39.7	38.8	42.3	43.0	50.2	...
Fiji ^k	25.5	28.5	26.4	28.5	26.8	25.1	22.1
Kiribati ^b	64.4 (2011)	127.8	103.4	131.0	121.3	130.0	...
Marshall Islands ^h	62.3	58.8	68.3	62.6	61.9	70.1	68.6
Micronesia, Federated States of ^h	67.7	66.0	78.2	79.7	...	...	...
Nauru ^b	39.2	74.5	100.6	108.5	136.0	151.4	137.0
Niue	...	...	...	...	...	...	...
Palau ^h	46.7	41.2	40.0	44.4	43.5	49.0	...
Papua New Guinea	...	...	15.5	17.7	16.3	14.2	14.7
Samoa ^b	30.2 (2012)	32.0	34.0	36.0	37.7	40.2	...
Solomon Islands	28.2	35.1	30.9	31.7	27.4	30.1	25.6
Tonga ^b	...	...	43.2	42.6	41.7	51.2	...
Tuvalu	105.3 (2012)	184.0	...	...	...	...	...
Vanuatu	22.8 (2012)	32.3	31.3	38.6	37.5	...	...
Developed ADB Member Economies							
Australia ^b	32.3	34.2	34.6	35.6	35.7	34.5	35.3
Japan ^e	29.9	35.0	34.9	35.5	35.3	36.8	...
New Zealand ^b	36.7	37.7	37.4	36.8	37.8	36.1	37.7

... = data not available, ADB = Asian Development Bank, GDP = gross domestic product.

Note: In general, economies follow the guidelines of the International Monetary Fund on Government Finance Statistics (GFS). Some economies still use the 1986 version of the GFS guidelines, while others have switched to the 2001 or 2014 guidelines. The comparability of the data in this table is limited by variations in the concepts and definitions used in different versions of the GFS framework. Data refer to government revenue as classified in the GFS 2001 or GFS 2014 framework, except for Bhutan; Brunei Darussalam; India; the Kyrgyz Republic; Maldives; Nauru; Pakistan; the People's Republic of China; Taipei, China; Tajikistan; Turkmenistan; and Viet Nam, where data refer to total government revenue as classified in the GFS 1986 framework. Data refer to general government, except for Bangladesh; Bhutan; Brunei Darussalam; Cambodia; the Federated States of Micronesia; Fiji; India; the Lao People's Democratic Republic; Malaysia; Maldives; the Marshall Islands; Nauru; Nepal; Palau; the Philippines; Solomon Islands; Sri Lanka; Taipei, China; Timor-Leste; Tonga; Tuvalu; Vanuatu; and Viet Nam, where data refer to central government. For Cambodia: Data refer to central government excluding extra budgetary central government. For Pakistan: Data refer to the consolidated federal and provincial governments. For the People's Republic of China: Data refer to consolidated central and local governments. For Turkmenistan: Data prior to 2011 refer to central government. For Viet Nam: Tax revenue includes local government taxes.

a The longer time series featured in the Key Indicators Database refers to GFS data for 2005–2011 based on fiscal year beginning 21 March. For 2012, GFS data cover 9 months from 21 March to 20 December. For 2013 onward, GFS data are based on fiscal year ending 20 December. For 2005–2015, national accounts data are based on fiscal year beginning 21 March. For 2016 onward, national accounts data are based on fiscal year ending 20 December.

b Data are based on fiscal year ending 30 June.

c National accounts data prior to 2015 are based on the 1993 System of National Accounts while figures for 2015 onward are based on the 2008 System of National Accounts.

d For 2010, data refer to central government revenue. For 2015 onward, data refer to general government revenue.

e Data are based on fiscal year beginning 1 April.

f Data are based on fiscal year ending 15 July.

g The longer time series featured in the Key Indicators Database refers to data for 2003 onward, based on fiscal year beginning 1 April.

h Data are based on fiscal year ending 30 September.

i For 2012–2018, GFS data are based on fiscal year beginning 1 April. For 2019, GFS data are based on fiscal year beginning 1 October. For 2012–2015, national accounts data are based on fiscal year beginning 1 April. For 2016 onward, national accounts data are based on fiscal year beginning 1 October.

j Taxes include local government taxes.

k The longer time series featured in the Key Indicators Database refers to GFS data for 2000–2014 based on fiscal year ending 31 December. For 2015 onward, GFS data are based on fiscal year ending 31 July. National accounts data are based on calendar year.

Sources: Economies' official sources. For Hong Kong, China; Nepal; and Timor-Leste: International Monetary Fund (IMF). Government Finance Statistics. <https://data.imf.org/> (accessed April–June 2022). For Nauru (2015 and 2016): IMF. Staff Country Reports. Republic of Nauru: 2019 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2020/01/29/Republic-of-Nauru-2019-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-49001> (accessed 9 May 2021). For Nauru (2017–2021): IMF. Staff Country Reports. Republic of Nauru: 2021 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2022/02/07/Republic-of-Nauru-2021-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-512874> (accessed 28 April 2022).

Table 2.8.4: Government Expenditure
(% of GDP)

ADB Regional Member	2010	2015	2016	2017	2018	2019	2020	2021
Developing ADB Member Economies								
Central and West Asia								
Afghanistan ^a	20.6	25.2	29.0	27.7	29.0	28.6	28.5	...
Armenia	28.2	28.6	29.3	27.7	24.6	25.5	31.1	29.5
Azerbaijan	31.6	37.2	32.8	33.5	30.2	36.8	40.7	...
Georgia	31.2	31.4	32.3	31.2	29.4	30.9	36.2	33.2
Kazakhstan	20.4	19.8	20.5	22.9	18.2	17.2	24.3	...
Kyrgyz Republic	31.2	31.3	31.8	31.3	27.7	27.1	28.6	29.3
Pakistan ^b	20.4	20.2	18.3	19.4	19.0	18.9	20.4	18.5
Tajikistan ^c	27.2	31.9	33.4	34.6	34.0	30.8	29.6	29.6
Turkmenistan	13.8	17.3	...	...	...	...	...	...
Uzbekistan	...	24.3	23.6	22.8	24.7	27.4	28.5	...
East Asia								
China, People's Republic of	21.8	25.5	25.2	24.4	24.0	24.2	24.2	21.5
Hong Kong, China ^d	18.1	20.3	19.9	19.5	20.3	21.4	32.2	...
Korea, Republic of	32.2 (2012)	31.1	30.2	30.7	30.3	33.2	37.0	...
Mongolia	35.2	36.8	47.3	37.1	32.6	38.3	45.9	36.7
Taipei, China	13.4	11.2	11.2	10.9	11.1	10.6	11.3	...
South Asia								
Bangladesh ^b	14.8	12.7	12.9	13.4	10.2	15.0	13.9	13.9
Bhutan ^b	35.6	29.8	32.6	32.8	34.5	25.5	32.9	40.3
India ^d	15.7	13.0	12.8	12.5	12.2	13.4	17.7	15.9
Maldives	33.2	34.0	37.6	30.8	32.5	33.6	49.9	42.2
Nepal ^e	19.5	17.6	18.9	23.6	28.0	28.0	24.9	...
Sri Lanka	18.7	19.8	18.2	17.8	17.6	18.4	21.3	19.9
Southeast Asia								
Brunei Darussalam ^f	34.0	35.7	39.7	36.3	32.8	32.0	31.5	...
Cambodia	18.3	19.4	20.2	21.2	21.7	22.6	25.6	26.1
Indonesia	17.2	17.8	16.9	16.5	16.5	16.4	18.5	18.0
Lao People's Democratic Republic ^g	22.7	24.1	21.1	21.5	20.4	18.2	17.5	...
Malaysia	24.4	21.7	20.0	18.9	19.7	20.8	22.0	...
Myanmar ^h	14.2 (2012)	16.2	15.8	15.5	16.8	14.2	...	...
Philippines	16.2	16.0	16.7	17.0	18.6	19.4	23.4	23.8
Singapore ^d	9.3	13.8	13.4	12.6	13.4	13.5	25.7	...
Thailand ^g	21.3	22.0	21.0	21.2	21.1	20.5	25.3	26.9
Timor-Leste	...	83.7	98.6	72.2	80.0	68.4	...	...
Viet Nam ⁱ	27.2	28.2	26.8	27.1	25.9	25.3	27.2	22.1
The Pacific								
Cook Islands ^b	35.5	47.5	37.8	30.1	37.1	37.3	60.5	...
Fiji	30.7	34.4	33.4	27.9	34.1	30.8	31.0	32.9
Kiribati ^b	71.3 (2011)	71.7	78.3	86.6	79.2	102.3	99.2	...
Marshall Islands ^g	58.8	56.0	57.1	64.0	60.1	63.7	65.1	67.9
Micronesia, Federated States of ^g	67.2	55.7	61.7	64.0	55.5	...	...	...
Nauru ^b	83.6	83.1	93.4	101.7	95.6	118.9	134.5	135.5
Niue	...	...	...	...	...	...	...	...
Palau ^g	25.8	26.4	27.1	29.3	33.5	34.3	54.0	...
Papua New Guinea	...	...	...	17.9	20.3	21.3	22.7	21.7
Samoa ^b	38.3 (2012)	35.7	31.9	34.7	34.7	33.1	32.6	...
Solomon Islands	22.6	34.3	34.0	33.1	30.2	29.0	32.6	30.7
Tonga ^b	...	...	37.2	39.6	39.7	38.6	50.3	...
Tuvalu	93.8 (2012)	144.0	150.0	...	...	...	...	...
Vanuatu	24.5 (2012)	25.1	25.9	29.1	30.2	30.5	...	...
Developed ADB Member Economies								
Australia ^b	37.8	37.1	37.4	36.8	36.8	36.9	42.1	44.7
Japan ^d	38.7	38.6	38.2	37.9	37.9	38.4	46.8	...
New Zealand ^b	40.3	37.6	36.8	36.1	35.5	36.6	42.2	39.6

... = data not available, ADB = Asian Development Bank, GDP = gross domestic product.

Note: In general, economies follow the guidelines of the International Monetary Fund on Government Finance Statistics (GFS). Some economies still use the 1986 version of the GFS guidelines, while others have switched to the 2001 or 2014 guidelines. The comparability of the data in this table is limited by variations in the concepts and definitions used in different versions of the GFS framework. Data refer to government expenditure as classified in the GFS 2001 or GFS 2014 framework, except for Bhutan; Brunei Darussalam; India; the Kyrgyz Republic; Maldives; Nauru; Pakistan; the People's Republic of China; Taipei, China; Tajikistan; Turkmenistan; and Viet Nam, where data refer to total government expenditure as classified in the GFS 1986 framework. Data refer to general government, except for Bangladesh; Bhutan; Brunei Darussalam; Cambodia; the Federated States of Micronesia; Fiji; India; the Lao People's Democratic Republic; Malaysia; Maldives; the Marshall Islands; Nauru; Nepal; Palau; the Philippines; Solomon Islands; Sri Lanka; Taipei, China; Timor-Leste; Tonga; Tuvalu; Vanuatu; and Viet Nam, where data refer to central government. For Cambodia: Data refer to central government excluding extra budgetary central government. For Pakistan: Data refer to the consolidated federal and provincial governments. For the People's Republic of China: Data refer to consolidated central and local governments. For Turkmenistan: Data prior to 2011 refer to central government.

a The longer time series featured in the Key Indicators Database refers to GFS data for 2005–2011 based on fiscal year beginning 21 March. For 2012, GFS data cover 9 months from 21 March to 20 December. For 2013 onward, GFS data are based on fiscal year ending 20 December. For 2005–2015, national accounts data are based on fiscal year beginning 21 March. For 2016 onward, national accounts data are based on fiscal year ending 20 December.

b Data are based on fiscal year ending 30 June.

c Prior to 2015, national accounts data are based on the 1993 System of National Accounts; and, for 2015 onward, are based on the 2008 System of National Accounts.

d Data are based on fiscal year beginning 1 April.

e Data are based on fiscal year ending 15 July.

f The longer time series featured in the Key Indicators Database showing Brunei Darussalam's government expenditure for 2003 onward are based on fiscal year beginning 1 April.

g Data are based on fiscal year ending 30 September.

h For 2012–2018, GFS data are based on fiscal year beginning 1 April. For 2019, data are based on fiscal year beginning 1 October. For 2012–2015, national accounts data are based on fiscal year beginning 1 April. For 2016 onward, national accounts data are based on fiscal year beginning 1 October.

i Includes local government expenditure.

j The longer time series featured in the Key Indicators Database refers to GFS data for 2000–2014 based on fiscal year ending 31 December. For 2015 onward, GFS data are based on fiscal year ending 31 July. National accounts data are based on calendar year.

Sources: Economies' official sources. For Timor-Leste: International Monetary Fund. Government Finance Statistics. <https://data.imf.org/> (accessed 13 May 2022). For Nauru (2012–2021): International Monetary Fund. Staff Country Reports. Republic of Nauru: 2021 Article IV. <https://www.imf.org/en/Publications/CR/Issues/2022/02/07/Republic-of-Nauru-2021-Article-IV-Consultation-Press-Release-Staff-Report-and-Statement-by-512874> (accessed 28 April 2022).

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

Government Finance

Table 2.8.5: Government Expenditure by Economic Activity
(% of GDP)

ADB Regional Member	Health				Education				Social Protection			
	2010	2015	2020	2021	2010	2015	2020	2021	2010	2015	2020	2021
Developing ADB Member Economies												
Central and West Asia												
Afghanistan ^a	0.9	1.2	1.8	...	3.6	3.6	2.1	...	0.5	1.4	1.1	...
Armenia	1.6	1.7	2.4	2.3	3.2	2.9	2.8	2.7	7.1	7.7	8.9	8.9
Azerbaijan	1.0	1.3	2.3	...	2.9	3.1	4.0	...	6.8	6.8	11.4	...
Georgia	2.1	2.7	3.7	4.3	2.8	4.4	4.4	4.1	6.5	7.3	9.5	7.8
Kazakhstan	2.5	2.1	2.8	...	3.5	3.3	4.8	...	4.5	4.5	6.5	...
Kyrgyz Republic	2.9	3.0	2.9	2.9	5.4	5.9	6.6	6.1	5.0	5.8	5.7	5.1
Pakistan	...	...	...	...	...	...	...	...	...	...	...	...
Tajikistan ^b	1.4	2.0	3.1	2.9	4.0	5.0	5.1	5.4	3.5	5.2	4.6	4.2
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	2.5	3.3	...	...	6.0	6.3	...	...	7.4	9.3	...
East Asia												
China, People's Republic of	1.2	1.7	1.9	1.7	3.0	3.8	3.6	3.3	2.2	2.8	3.2	3.0
Hong Kong, China ^c	2.4	3.2	3.9	...	3.5	3.4	4.1	...	2.4	2.9	4.2	...
Korea, Republic of	0.2	0.3	0.4	...	2.8	3.0	3.6	...	4.3	5.3	8.1	...
Mongolia	2.5	2.5	4.5	5.7	5.1	3.0	3.4	3.3	11.1	7.6	10.7	12.6
Taipei, China	0.2	0.1	0.1	...	1.7	1.4	1.5	...	3.1	3.3	3.3	...
South Asia												
Bangladesh ^d	0.8	0.7	0.6	0.7	2.0	2.0	2.3	2.3	0.9	0.7	1.2	1.2
Bhutan ^d	3.0	2.8	3.7	3.7	6.7	6.0	7.3	6.5	3.1	3.2	3.4	3.3
India ^{c,e}	1.0 (2011)	1.2	1.6	...	4.4 (2011)	4.4	4.9	...	1.4 (2011)	1.8	2.3	...
Maldives ^f	2.9	4.0	7.5	6.2	5.3	4.6	5.7	4.9	1.7	5.1	5.9	4.6
Nepal ^g	1.5	1.2	1.0	...	3.9	3.3	1.0	...	0.8	0.6	1.7	...
Sri Lanka	1.1	1.5	1.5 (2019)	2.2	1.6	1.9	1.8 (2019)	1.8	1.6	4.8	...	...
Southeast Asia												
Brunei Darussalam ^h	1.8	2.3	2.3	...	3.6	4.1	4.1	...	0.8	0.8	0.7	...
Cambodia	1.3	1.3	1.7	3.3	1.6	2.0	2.9	2.5	0.5	0.8	1.2	1.1
Indonesia	1.0	1.1	1.7	1.9	3.4	3.3	3.0	2.0	0.1	0.3	2.0	1.7
Lao People's Democratic Republic	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia	2.0	2.0	2.2	...	6.1	4.8	4.5	...	...	...	...	...
Myanmar ⁱ	0.7 (2012)	1.0	0.8 (2019)	...	1.5 (2012)	2.1	2.0 (2019)	...	0.4 (2012)	0.8	0.9 (2019)	...
Philippines ^{j,k}	0.3	0.8	1.4	1.1	2.4	2.8	3.7	3.9	1.6	1.3	3.6	2.4
Singapore ^c	1.2	2.1	3.3	...	3.0	2.9	3.1	...	1.1	1.8	7.9	...
Thailand ^l	...	1.1	1.4	2.0	...	3.8	3.1	3.1	...	2.5	5.6	5.2
Timor-Leste	4.0	3.7	3.3 (2018)	...	7.8	6.5	4.7 (2018)	...	16.3	11.7	8.5 (2018)	...
Viet Nam	...	...	...	...	...	...	...	...	...	...	...	...
The Pacific												
Cook Islands ^d	3.9	3.0	3.2	...	4.0	3.5	3.3	...	3.9	4.2	5.0	...
Fiji	...	...	...	...	...	...	...	...	...	...	...	...
Kiribati ^d	...	9.9	11.0	...	...	9.9	12.2	...	...	1.4	1.1	...
Marshall Islands ^l	7.8	7.5	8.9	...	19.6	16.4	12.7	...	-	-	2.3	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	...	...	...	...	...	...	...	...	...	...	...	...
Samoa ^d	3.6	5.4	4.9	5.9	5.8	4.5	4.6	5.9	1.1	2.1	1.1	1.7
Solomon Islands	...	...	...	...	...	...	...	...	...	...	...	...
Tonga	...	...	...	...	...	...	...	...	...	...	...	...
Tuvalu	8.5 (2012)	9.4	...	...	16.0 (2012)	23.2	...	...	6.1 (2012)	18.3	...	...
Vanuatu	3.0 (2011)	2.5	2.7 (2018)	...	6.4 (2011)	5.6	6.7 (2018)	...	0.0 (2011)	0.1	0.0 (2018)	...
Developed ADB Member Economies												
Australia ^d	6.7	6.8	7.4	7.8	5.9	5.4	5.7	5.6	9.9	10.4	11.0	11.8
Japan ^c	6.8	7.3	7.8	...	2.8	2.6	2.7	...	2.1	2.5	2.8	...
New Zealand ^d	7.0	6.8	7.1	7.5	6.8	6.2	6.3	5.7	12.5	11.5	11.0	11.8

... = data not available, - = magnitude equals zero, ADB = Asian Development Bank, GDP = gross domestic product.

Note: In general, economies follow the guidelines of the International Monetary Fund on Government Finance Statistics (GFS). Some economies still use the 1986 version of the GFS guidelines, while others have switched to the 2001 or 2014 guidelines. The comparability of the data in this table is limited by variations in the concepts and definitions used in different versions of the GFS framework. The table refers to government expenditure by economic activity as classified in the GFS 2001 or GFS 2014 framework, except for Bhutan; Brunei Darussalam; India; the Kyrgyz Republic; the People's Republic of China; and Taipei, China, where data refer to health, education, and social security and welfare, as classified in the GFS 1986 framework. For Maldives, data prior to 2017 are classified in the GFS 1986 framework, while data for 2017 onward follow the GFS 2014 framework. Data refer to general government, except for Bangladesh; Bhutan; Brunei Darussalam; Cambodia; India; Malaysia; Maldives; the Marshall Islands; Nepal; the Philippines; Samoa; Sri Lanka; Taipei, China; Timor-Leste; Tuvalu; and Vanuatu, where data refer to central government. For Cambodia: Data refer to central government excluding extra budgetary central government. For the People's Republic of China: Data refer to consolidated central and local governments.

a The longer time series featured in the Key Indicators Database refers to GFS data for 2005–2011 based on fiscal year beginning 21 March. For 2012, GFS data cover 9 months from 21 March to 20 December. For 2013 onward, GFS data are based on fiscal year ending 20 December. For 2005–2015, national accounts data are based on fiscal year beginning 21 March. For 2016 onward, national accounts data are based on fiscal year ending 20 December.

b National accounts data prior to 2015 are based on the 1993 System of National Accounts, while data for 2015 onward are based on the 2008 System of National Accounts.

c Data are based on fiscal year beginning 1 April.

d Data are based on fiscal year ending 30 June.

e Data exclude local bodies.

f Prior to 2012, refers to total expenditure. For 2012 onward, refers to total budget. For 2020, GDP estimates used are projections available as of 15 March 2021 from the Government of Maldives' Ministry of Finance.

g Data are based on fiscal year ending 15 July.

h For 2003 onward, data are based on fiscal year beginning 1 April.

i For 2012–2018, GFS data are based on fiscal year beginning 1 April. For 2019, GFS data are based on fiscal year beginning 1 October. For 2012–2015, national accounts data are based on fiscal year beginning 1 April. For 2016 onward, national accounts data are based on fiscal year beginning 1 October.

j For 2000–2013, data on education include expenditure on recreation, culture, and religion.

k For 2000–2018, data refer to obligation basis. For 2019–2021, data refer to cash basis.

l Data are based on fiscal year ending 30 September.

Sources: Economies' official sources. For Hong Kong, China and Nepal: Asian Development Bank estimates using data from the International Monetary Fund's Government Finance Statistics. <https://data.imf.org/> (accessed April–June 2022). For Sri Lanka: Asian Development Bank estimates using data from the Central Bank of Sri Lanka, official communication, 5 May 2022.

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

Table 2.8.6: Corruption Perceptions Index

ADB Regional Member	2012	2015	2017	2018	2019	2020	2021	Rank in 2020 ^a	Rank in 2021 ^a
Developing ADB Member Economies									
Central and West Asia									
Afghanistan	8.0	11.0	15.0	16.0	16.0	19.0	16.0	165	174
Armenia	34.0	35.0	35.0	35.0	42.0	49.0	49.0	60	58
Azerbaijan	27.0	29.0	31.0	25.0	30.0	30.0	30.0	129	128
Georgia	52.0	52.0	56.0	58.0	56.0	56.0	55.0	45	45
Kazakhstan	28.0	28.0	31.0	31.0	34.0	38.0	37.0	94	102
Kyrgyz Republic	24.0	28.0	29.0	29.0	30.0	31.0	27.0	124	144
Pakistan	27.0	30.0	32.0	33.0	32.0	31.0	28.0	124	140
Tajikistan	22.0	26.0	21.0	25.0	25.0	25.0	25.0	149	150
Turkmenistan	17.0	18.0	19.0	20.0	19.0	19.0	19.0	165	169
Uzbekistan	17.0	19.0	22.0	23.0	25.0	26.0	28.0	146	140
East Asia									
China, People's Republic of	39.0	37.0	41.0	39.0	41.0	42.0	45.0	78	66
Hong Kong, China	77.0	75.0	77.0	76.0	76.0	77.0	76.0	11	12
Korea, Republic of	56.0	54.0	54.0	57.0	59.0	61.0	62.0	33	32
Mongolia	36.0	39.0	36.0	37.0	35.0	35.0	35.0	111	110
Taipei, China	61.0	62.0	63.0	63.0	65.0	65.0	68.0	28	25
South Asia									
Bangladesh	26.0	25.0	28.0	26.0	26.0	26.0	26.0	146	147
Bhutan	63.0	65.0	67.0	68.0	68.0	68.0	68.0	24	25
India	36.0	38.0	40.0	41.0	41.0	40.0	40.0	86	85
Maldives	...	...	33.0	31.0	29.0	43.0	40.0	75	85
Nepal	27.0	27.0	31.0	31.0	34.0	33.0	33.0	117	117
Sri Lanka	40.0	37.0	38.0	38.0	38.0	38.0	37.0	94	102
Southeast Asia									
Brunei Darussalam	55.0	...	62.0	63.0	60.0	60.0	...	35	...
Cambodia	22.0	21.0	21.0	20.0	20.0	21.0	23.0	160	157
Indonesia	32.0	36.0	37.0	38.0	40.0	37.0	38.0	102	96
Lao People's Democratic Republic	21.0	25.0	29.0	29.0	29.0	29.0	30.0	134	128
Malaysia	49.0	50.0	47.0	47.0	53.0	51.0	48.0	57	62
Myanmar	15.0	22.0	30.0	29.0	29.0	28.0	28.0	137	140
Philippines	34.0	35.0	34.0	36.0	34.0	34.0	33.0	115	117
Singapore	87.0	85.0	84.0	85.0	85.0	85.0	85.0	3	4
Thailand	37.0	38.0	37.0	36.0	36.0	36.0	35.0	104	110
Timor-Leste	33.0	28.0	38.0	35.0	38.0	40.0	41.0	86	82
Viet Nam	31.0	31.0	35.0	33.0	37.0	36.0	39.0	104	87
The Pacific									
Cook Islands	...	...	...	...	...	...	...	...	...
Fiji	...	...	...	...	...	...	55.0	...	45
Kiribati	...	...	...	...	...	...	...	...	...
Marshall Islands	...	...	...	...	...	...	...	...	...
Micronesia, Federated States of	...	...	...	...	...	...	...	...	...
Nauru	...	...	...	...	...	...	...	...	...
Niue	...	...	...	...	...	...	...	...	...
Palau	...	...	...	...	...	...	...	...	...
Papua New Guinea	25.0	25.0	29.0	28.0	28.0	27.0	31.0	142	124
Samoa	...	...	...	...	...	...	...	...	...
Solomon Islands	...	...	39.0	44.0	42.0	42.0	43.0	78	73
Tonga	...	...	...	...	...	...	...	...	...
Tuvalu	...	...	...	...	...	...	...	...	...
Vanuatu	...	...	43.0	46.0	46.0	43.0	45.0	75	66
Developed ADB Member Economies									
Australia	85.0	79.0	77.0	77.0	77.0	77.0	73.0	11	18
Japan	74.0	75.0	73.0	73.0	73.0	74.0	73.0	19	18
New Zealand	90.0	91.0	89.0	87.0	87.0	88.0	88.0	1	1

... = data not available, ADB = Asian Development Bank.

Note: The Key Indicators Database features a longer time series of scores on the Corruption Perceptions Index. This includes scores for 2000–2011, which refer to perceptions of the degree of corruption as seen by business people and analysts. Those scores range from 0 (highly corrupt) to 10 (very clean) and are not comparable over time. From 2012 onward, an updated methodology was used to calculate scores, and these are presented on a scale from 0 (highly corrupt) to 100 (very clean). Due to the differences in methodology, scores prior to 2012 should not be compared with scores for 2012 onward.

a Based on Transparency International's methodology, an economy's rank indicates its position relative to the Corruption Perceptions Index of other economies of the world; 2020 and 2021 rankings compare 180 economies.

Source: Transparency International. Corruption Perceptions Index. <https://www.transparency.org/> (accessed 19 April 2022).

Data Issues and Comparability

Most economies generally follow the IMF's Government Finance Statistics (GFS) guidelines: some still use the 1986 version, while others have switched to the 2001 or 2014 versions. The comparability of the data is limited by variations in the concepts and definitions used in different versions of the GFS framework. Furthermore, there is no single framework for an extended time series available in most economies that are using the 2014 guidelines, with most economies recording their transactions on a cash basis (and a few on an accrual basis).

Data on government expenditures and revenue are derived from economy sources and are therefore not standard throughout Asia and the Pacific. Data refer to general government for some economies, and central government for other economies.

Statistics on perceived corruption are taken from nonofficial sources. Common procedures are used in all economies and the researchers producing these data have refined their procedures over several surveys. However, because of the subjective nature of many of the data, they can only be used to give a broad idea of trends, levels, and rankings, so small changes from one year to the next should be interpreted with caution.