



TRACKING SDG7 THE ENERGY PROGRESS REPORT 2021



A joint report of the custodian agencies



© 2021 International Bank for Reconstruction and Development / The World Bank 1818 H Street NW
Washington DC 20433
Telephone: 202-473 1000
Internet: www.worldbank.org

This work is a product of the staff of the five collaborating organizations, namely The World Bank, the International Energy Agency, the International Renewable Energy Agency, the United Nations, and the World Health Organization, with external contributions. The findings, interpretations, and conclusions expressed in this work do not necessarily reflect the views of these organizations, their governing bodies, members, or the governments they represent.

The collaborating organizations do not guarantee the accuracy, completeness, or currency of the data included in this work and does not assume responsibility for any errors, omissions, or discrepancies in the information, or liability with respect to the use of or failure to use the information, methods, processes, or conclusions set forth. The boundaries, colors, denominations, and other information shown on any map in this work do not imply any judgment on the part of the custodian agencies concerning the legal status of or sovereignty over any territory or the endorsement or acceptance of such boundaries.

Nothing herein shall constitute or be construed or considered to be a limitation upon or waiver of the privileges and immunities of the collaborating organizations, all of which are specifically reserved.



Rights and Permissions

This work is available under the Creative Commons Attribution--NonCommercial 3.0 IGO license (CC BY-NC 3.0 IGO) <https://creativecommons.org/licenses/by-nc/3.0/igo/>. Under the Creative Commons--NonCommercial license, you are free to copy, distribute, and adapt this work, for noncommercial purposes only, under the following conditions:

Attribution—Please cite the work as follows: IEA, IRENA, UNSD, World Bank, WHO. 2021. Tracking SDG 7: The Energy Progress Report. World Bank, Washington DC. © World Bank. License: Creative Commons Attribution—NonCommercial 3.0 IGO (CC BY-NC 3.0 IGO).

Noncommercial—You may not use this work for commercial purposes.

Translations—If you create a translation of this work, please add the following disclaimer along with the attribution: *This is an unofficial translation of the work from the English language. The translation was not created by IEA, IRENA, UNSD, World Bank or WHO shall not be liable for any content or error in this translation.*

Adaptations—If you create an adaptation of this work, please add the following disclaimer along with the attribution: This is an adaptation of an original work by IEA, IRENA, UNSD, World Bank and WHO. Views and opinions expressed in the adaptation are the sole responsibility of the author or authors of the adaptation and are not endorsed by IEA, IRENA, UNSD, World Bank and WHO.

Third-party content—The World Bank does not necessarily own each component of the content contained within the work. The World Bank therefore does not warrant that the use of any third party-owned individual component or part contained in the work will not infringe on the rights of those third parties. The risk of claims resulting from such infringement rests solely with you. If you wish to re-use a component of the work, it is your responsibility to determine whether permission is needed for that re-use and to obtain permission from the copyright owner. Examples of components can include, but are not limited to, chapters, tables, figures, or images.

Any queries on rights and licenses, including subsidiary rights, except as indicated below, should be addressed to World Bank Publications, The World Bank Group, 1818 H Street NW, Washington, DC 20433, USA; fax: 202-522-2625; e-mail: pubrights@worldbank.org.

Use of the following chapters in the report other than as permitted under the CC BY-NC 3.0 IGO license requires permission from each of the relevant copyright owners other than the World Bank:

Executive Summary - © IEA, IRENA, UN, World Bank and WHO, 2021. Contact pubrights@worldbank.org for permission to use it.

Access to electricity - © World Bank, 2021. Contact pubrights@worldbank.org for permission to use it.

Access to clean fuels and technologies for cooking - © WHO, 2021. Contact permissions@who.int for permission to use it.

Renewable Energy - © IEA, IRENA and UN, 2021. Contact publications@irena.org; Rights@iea.org and permissions@un.org for permission to use it.

Energy Efficiency - © IEA and UN, 2021. Contact Rights@iea.org and permissions@un.org for permission to use it.

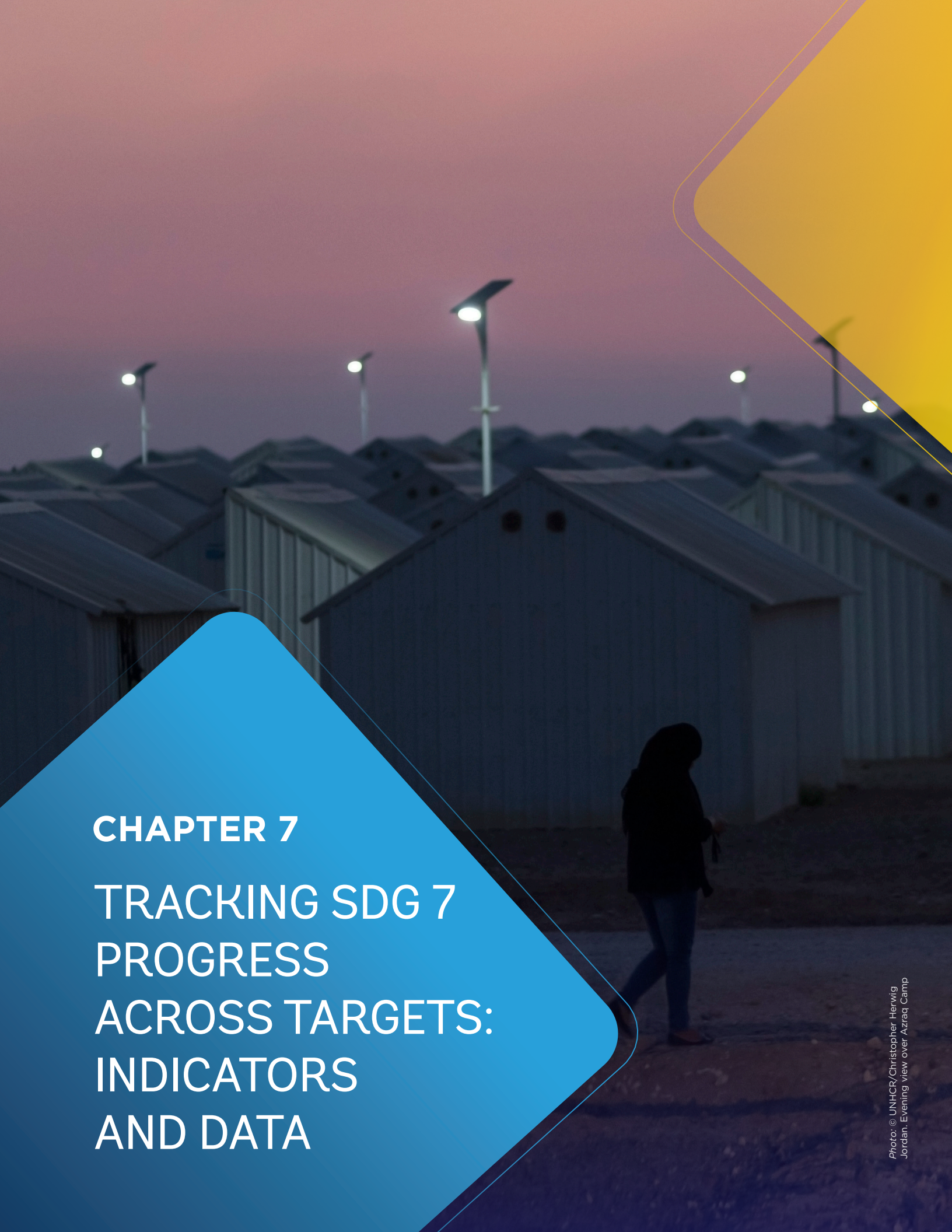
International Public Financial Flows - © IRENA, 2021. Contact publications@irena.org for permission to use it.

Outlook for SDG 7 - © IEA and IRENA, 2021. Contact publications@irena.org and Rights@iea.org for permission to use it.

Tracking SDG7 progress across targets: indicators and data. ©IEA, IRENA, UN, World Bank and WHO. Contact pubrights@worldbank.org for permission to use it.

Report designed by: Duina Reyes

Cover photo: © Shutterstock/Jenson/Engineers inspecting photovoltaic area



CHAPTER 7
TRACKING SDG 7
PROGRESS
ACROSS TARGETS:
INDICATORS
AND DATA

Comprehensive and accurate data are essential for countries intent on making evidence-based decisions. In developed and developing countries alike, this focus on accurate data provides transparency with respect to trends and helps track progress toward policy goals. Well-designed and appropriately resourced data collection on national energy statistics and trends plays a fundamental role in how countries monitor their own progress toward achieving Sustainable Development Goal 7.

Working with national data across regions, several custodian agencies collaborated on this account of progress on SDG 7.⁶³

Global tracking certainly benefits from continuous improvements of national data systems—as countries set up legal frameworks and institutional arrangements;⁶⁴ gather accurate supply-and-demand data and balance equations;⁶⁵ implement end-user surveys (e.g., of households, businesses, and others); and establish quality-assurance frameworks consistent with the United Nations’ *International Recommendations for Energy Statistics*.⁶⁶ Global progress toward SDG 7 makes a number of energy policies relevant, so tracking them is an opportunity to strengthen data collection.

This chapter compiles the indicators used to track progress across the SDG 7 targets, as set out in table 7.1; it also describes the work done at national and international levels to obtain the underlying data. For further information on the methodologies behind indicators, please refer to the individual chapters or to the United Nations’ metadata repository for SDGs.⁶⁷

TABLE 7.1 • Targets and indicators for SDG 7

| TARGET | INDICATOR |
|---|--|
| 7.1—By 2030, ensure universal access to affordable, reliable and modern energy services | 7.1.1—Proportion of population with access to electricity |
| | 7.1.2—Proportion of population with primary reliance on clean fuels and technology |
| 7.2—By 2030, increase substantially the share of renewable energy in the global energy mix | 7.2.1—Renewable energy share in total final energy consumption |
| 7.3—By 2030, double the global rate of improvement in energy efficiency | 7.3.1—Energy intensity measured in terms of primary energy and GDP |
| 7.a—By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology | 7.a.1—International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems |
| 7.b—By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing states, and landlocked developing countries, in accordance with their respective programs of support | 7.b.1—Installed renewables-based generating capacity in developing countries (in watts per capita) |

63 This report is based on the work of the several custodian agencies in tracking progress across the SDG 7 targets: 7.1—access (World Bank, WHO); 7.2—renewables (IEA, IRENA, UNSD); 7.3—energy efficiency (IEA, UNSD); 7.a—international cooperation (OECD, IRENA); 7.b—public financial flows (IRENA).

64 Institutional arrangements are made to optimize data production, exchange, and governance across organizations, mainly statistical offices and government agencies (energy ministries) responsible for implementing energy policies.

65 Energy balances are comprehensive accounts of all the energy entering, exiting, and consumed in the territory of a given country, typically covering production, import, and export of primary energy sources, in addition to its transformation into fuels for final consumption and consumption within each major end-use sector. Examples are available at <https://www.iea.org/data-and-statistics/data-tables?country=WORLD> and <https://unstats.un.org/unsd/energystats/dataPortal/>.

66 Under IRES (United Nations 2018) data quality is marked by relevance, accuracy, and reliability; timeliness and punctuality; coherence and comparability; and accessibility and clarity. For quality-assurance frameworks, please refer to IRES, chapter IX.

67 <https://unstats.un.org/sdgs/metadata/>

ACCESS TO ELECTRICITY

Tracking progress on electrification requires a universally applicable and transparent approach. This complex process tracks cumulative progress across interventions carried out by a number of national and international players—including governments, energy utilities, private sector companies, funding agencies, and developmental organizations. Given the rise of decentralized energy solutions and the socioeconomic complexity of access-deficit countries, the tracking process also encompasses a mix of technologies such as grids, mini-grids, and self-generation solutions like solar home systems. Finally, assessments must tally the numbers of people benefiting from these interventions and describe the nature and magnitude of improvements. It is critical, however, to help governments and practitioners understand their current access status and identify any bottlenecks to rapid electrification so they can make informed decisions and achieve their universal access goals in more efficient ways.

In order to set goals for investment priorities and track progress, a multi-tier framework (MTF) based on household surveys has been established through a multiagency effort.⁶⁸ Defining and measuring access to electricity should focus not only on the number of users with access but also on the nature and degree of access across a number of attributes—capacity (adequacy), availability, reliability, affordability, quality, legality, health impact, safety, and convenience, among others. The MTF has been deployed by national statistical offices and the World Bank since 2016, and data collection has been completed for 16 first-round countries. New MTF surveys are being implemented in seven countries.

For the purposes of global measurement, however, given the paucity of data for multi-tier metrics, standardized country-level surveys (and supply-side data from governments or utilities) complement the MTF approach for now.

Some methods to track electricity access include:

- Conducting workshops (e.g., on geospatial planning) to develop the capacity of national statistical offices in data collection, arranged through development partners.
- Improving the usability of datasets for energy practitioners by helping governments adopt emerging technology and data analytics. Survey design can be hampered by outdated or nonexistent censuses.
- Exploring the use of large-scale open databases, such as satellite data.

Most microdata found in household, enterprise, and agriculture surveys are useful for energy practitioners and ministries. It takes significant time and effort, however, to extract data on energy access, including socioeconomic status, electrification status, and village-level information. Data harmonization and standardization could help more end users access and use such datasets, for example, to design projects and formulate policy.

ACCESS TO CLEAN FUELS AND TECHNOLOGIES FOR COOKING

For the purposes of monitoring SDG 7 on access to clean cooking (and SDG 3 on health), a nonparametric statistical model is used to estimate country and regional access⁶⁹. “Clean cooking” is determined by the emission levels of a particular fuel-and-technology combination. The analysis for SDG 7.1.2 presently centers on cooking fuels, using them as surrogates to estimate reliance on clean cooking.⁷⁰

In the future, it will be essential to have information on the many types of cooking fuels and technologies, as well as their frequency and duration of use, in order to design, implement, and monitor the effectiveness

68 Participants in the MTF process were the Energizing Development Program (EnDev), the Energy Sector Management Assistance Program (ESMAP), the Global Alliance for Clean Cookstoves (the Alliance), the International Energy Agency (IEA), Practical Action Consulting (PAC), the UN Development Program (UNDP), the UN Foundation, the UN Industrial Development Organization (UNIDO), the World Bank, and the World Health Organization (WHO).

69 See methodology section of chapter 2.

70 This approach is rooted in the lack of globally representative data on household-level cooking technologies. Households considered to have access to clean cooking for SDG 7.1.2 are those primarily relying on electricity, biogas, solar, alcohol fuels, natural gas, and liquefied petroleum gas (LPG) for household cooking.

and outcomes of clean cooking policies and programs. The wording, and number, of survey questions is important. Country-level estimates of clean cooking access are also used to gauge the burden of disease and ultimately the “mortality rate from the joint effects of ambient and household air pollution,” which is one of the indicators used to monitor the environmental health impacts under SDG 3 (SDG 3.9.1). By improving data collection on “stove stacking” (the parallel use of different cooking fuels in the home, a common practice in low- and middle-income countries), surveys can produce more accurate appraisals of household exposure to air pollution and of resultant disease burdens.

Simple improvements to surveys enable a better job of monitoring the trends and outcomes of clean cooking. For example, with more robust data collection on the fuels households use, the clean cooking estimates presented here have been able to employ more advanced modeling techniques. Doing so has allowed analysts to estimate the percentage of households mainly using biomass, charcoal, coal, kerosene, gaseous fuels, or electricity, and to arrive at such estimates for each country in every region. With specific estimates, decision-makers can more readily monitor the trends and outcomes of policy changes, such as subsidies or tariffs.

As refinements in household surveys and censuses are made, countries should begin gathering a more complete picture of household energy use, including heating and lighting fuels and technologies (which affect household air pollution as well as stove stacking). Steps have already been taken to develop a harmonized and robust set of questions for national household surveys and censuses.⁷¹ More information on such initiatives by WHO and the World Bank can be found in the 2020 edition of this report (chapter 2, box 2.2).

RENEWABLE ENERGY

Renewable energy progress is tracked for SDG 7 as the share of renewables in total final energy consumption (TFEC).⁷² The tracking effort requires comprehensive data across all energy sources (renewable and non-renewable) and across supply, transformation, and final consumption sectors. In terms of data, computation of this indicator relies on the availability of a full supply-demand energy balance,⁷³ as well as some assumptions regarding electricity and heat.

Specific challenges to accurately tracking renewables include the need to monitor the swift development of geographically distributed sources⁷⁴ and to improve the capacity across countries to measure traditional use of biomass for energy (solid biofuels) by households—the largest component of renewable energy in the developing world.

Developing better estimates of solid biofuel use in households requires dedicated effort, for example, through surveys—either enhancing existing surveys with an energy module or establishing new energy surveys. Survey-based results are valuable, and they not infrequently initiate significant revisions of previous estimates, in such cases affecting SDG 7.2 tracking.

A broader question to be addressed for biomass is how much of its use can be considered sustainable—as, for example, traditional fuel wood harvesting is associated with deforestation.

ENERGY EFFICIENCY

Energy efficiency is tracked for SDG 7 through energy intensity, which is the ratio of total energy supply⁷⁵ to economic output. Defining the total energy supply requires robust information on primary energy production across all sources, as well as trade in all energy products, among other things. The supply information

71 The WHO/World Bank Core questions on household energy use are available here: <https://www.who.int/tools/core-questions-for-household-energy-use>

72 Please refer to IRES for the methodology to derive the TFEC.

73 Please refer to IRES for methodology to derive an energy balance.

74 Solar PV, wind, etc.; including off-grid and micro-grid.

75 Please refer to IRES for the methodology to derive the total energy supply (TES).

may be collected from administrative sources⁷⁶ or through surveys of higher-level players, such as energy suppliers; the information is available for most commercially traded energy sources⁷⁷ and in most countries is of reasonably good quality.

Tracking energy intensity is best done in conjunction with analysis of demand drivers across sectors, such as industry, transport, and building—both residential and services. Given the diverse nature of end users, demand-side data collection is inherently more complex, time-consuming, and costly than supply-side collection. Direct consumer surveys may be necessary, especially when suppliers cannot provide detailed information on how much energy is being delivered to the various types of users.

To analyze sectoral energy efficiency, countries are encouraged to monitor intensities at the end-use level,⁷⁸ at least for priority sectors. Apart from the greater data disaggregation required, such indicators require more coordination across entities concerning activities beyond the energy sector, such as building records, vehicle registrations, and so on. Many countries have started to collect end-use data so they can compile energy efficiency indicators to support their policy making and planning.⁷⁹

INTERNATIONAL FINANCIAL FLOWS TO DEVELOPING COUNTRIES IN SUPPORT OF CLEAN AND RENEWABLE ENERGY

SDG indicator 7.a.1 focuses on public financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems. The indicator measures public financial flows based on data extracted from IRENA and OECD databases. Public international financial flows data are susceptible to multiple changes and adjustments that call for increased attention to detail, standardized data collection and management cycles, and constant revision of the existing commitment values.

Information on public investment flows to support SDG 7.a.1 could be improved in the following four areas:

- Tracking investments
- Standardizing commitment details
- Centralizing data collection
- Presenting constant flows.

Improved investment tracking should reveal how recipients use international public financial commitments for end-use projects or programs. It is also useful for estimating the amount of private capital leveraged by public funds. End-to-end flow tracking would require commitment identification numbers assigned to end-use organizations and projects by public investors. International flows are often disbursed in multiple phases as they pass through local governments, ventures, or funds. If and when reporting institutions revise financial investment figures, these should be extended to include several years of information to account for commitment cancellations or modifications in amounts.

Standardizing commitment details could be achieved by sharing best practices among public donors and investors, refining reporting directives, and encouraging public donors and investors to provide energy details according to international standards. Standardization would increase reporting accuracy regarding progress toward SDG 7.a.1 and enhance the level of detail concerning commitments—such as

76 Data collected by various agencies in response to legislation and/or regulation, not necessarily for statistical purposes, may be used to compile energy statistics by ensuring quality and addressing limitations related to their different purposes.

77 Difficulties remain in estimating the supply of solid biofuels in several countries, implying uncertainties about TES if solid biofuel use is significant in the overall energy mix.

78 Examples of energy efficiency indicators include energy per passenger-kilometer (or tonne-km for freight), by vehicle type, for transport; energy for space heating/cooling per area, for buildings; energy per amount of physical production of a good, for industry. IEA's Energy Efficiency Indicators: Fundamentals on Statistics (<https://www.iea.org/reports/energy-efficiency-indicators-fundamentals-on-statistics>) includes a methodological framework for energy efficiency indicators, as well as experiences from countries to produce relevant data.

79 Examples of projects include: the IEA energy efficiency indicators, <https://www.iea.org/reports/energy-efficiency-indicators> for IEA member countries and beyond; and the Odyssee database for Europe, <https://www.indicators.odyssee-mure.eu/energy-efficiency-database.html>.

on technology, type of finance (e.g., project-level finance, infrastructure, research, or technical assistance), type of financial mechanism, and so forth. Data collection on investments have an inherently financial focus and are commonly missing the details mentioned above. Centralizing data collection efforts could be encouraged with preformatted questionnaires and online data-entry portals to improve flow comparability across public donors. The OECD's CRS database is exemplary in this regard—public donors and investors fill out questionnaires with data about their commitments. But data collection for public investments in clean energy and renewables at a global scale is mostly decentralized, making commitments data less uniform.

Correcting international commitments for currency exchange rates and inflation is key to making flows comparable across countries and over time. To account for currency exchange rate changes and inflation, it is important that countries and other institutions tracking these flows deflate them properly. Sustainable Development Goal target 7.a.1 uses the OECD methodology to deflate international flows, first by adjusting for inflation from the year the flows occurred to a baseline year (2018) and, second, by converting those local-currency values to United States dollars using the exchange rates from the baseline year (2018).

INSTALLED RENEWABLE ELECTRICITY-GENERATING CAPACITY IN DEVELOPING COUNTRIES

Indicator 7.b.1 is defined as the installed capacity of power plants that generate electricity from renewable energy sources divided by the total population of a country. *Capacity* is defined as the net maximum electrical capacity installed at year end, following IRES. Renewable energy sources are defined in the IRENA statute as hydropower, marine (ocean, tidal, and wave), wind, solar (photovoltaic and thermal), bioenergy, and geothermal.

The capacity data are collected as part of IRENA's annual questionnaire cycle. Questionnaires are sent to countries at the start of each year. They ask for renewable energy data over the previous two years. The data are then validated and checked with countries. IRENA's *Renewable Energy Statistics Yearbook* publishes them in late June.

Population data come from the *World Population Prospects*, published by the United Nations Population Division. These figures represent total population of a country as of midyear (July 1).

For each country and year, the renewable-electricity-generating capacity at year end is divided by the population at midyear to produce a measure of watts per capita. This division scales the capacity data to account for the enormous variations in country needs. It uses population rather than GDP to scale the data, because population is the most basic indicator of country demand for modern and sustainable energy services.

The focus of this indicator on electricity capacity does not capture any trends in the modernization of technologies used to produce heat or provide energy for transport.

With the trend toward electrification of end uses, however, the focus here on electricity may become less of a drawback in the future, serving instead only as a general indicator of progress on electrification in developing countries.

Furthermore, as reflected in numerous national policies, plans, and targets, many countries regard increased production of electricity (in particular, renewable electricity) as a top priority in their transition to delivering more modern and sustainable energy services. Thus, this indicator is a useful first step toward measuring progress on this target in a way that reflects country priorities. It can also be used until other additional or better indicators are developed.

CONCLUSION

We know from efforts to track SDG 7 that good-quality data are vital for informed policy making at country, regional, and international levels. Improved data quality worldwide is made possible through cooperation, at national and international levels, and through strengthened statistical capacity.

At the national level, cooperation among statistical offices and institutions across policy domains is key to optimizing the use of data-collection resources. For example, household surveys could be designed to support tracking across SDG 7 targets, such as clean cooking and energy efficiency at end-use levels⁸⁰ and also with targets beyond SDG 7, such as quality of life, cleaner air, and better health.

International cooperation strengthens the effort to track progress toward achieving SDG 7 by raising awareness about the need for good-quality data. Good data underpin good policy. In addition, standardized methodologies for indicators are needed, along with common frameworks for surveys. International databases need to be compiled. And more support is needed for developing statistical capacity in countries and regions. As the custodian agencies work together to track progress toward SDG 7, they have found ways to refine their collaboration on data—with each other and among countries.

Finally, the custodian agencies would like to acknowledge the work and dedication of all the colleagues working on energy data collection across national administrations worldwide. It is they who make possible the international work without which this tracking report would be impossible.

80 For example, clean cooking and space heating are linked for rural households in colder climates. More broadly, all end uses of energy within a household (lighting, appliances, cooking, heating, cooling) can and should be addressed by surveys.

SDG 7.1.1 - ACCESS TO ELECTRICITY

Data provided by the World Bank

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|----------------------------------|-----------------------------------|------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | 2019 | |
| Afghanistan | | 22 | 43 | 72 | d | 98 | g | 100 | 97 | |
| Albania | 100 | m | 100 | 100 | k | 100 | m | 100 | m | |
| Algeria | | | 99 | 99 | | 100 | c | 100 | 99 | |
| American Samoa | | | | | | | | | | |
| Andorra | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Angola | | 30 | 35 | 42 | d | 46 | | 72 | | |
| Anguilla | 95 | 96 | 98 | 100 | | 100 | | | | |
| Antigua and Barbuda | 97 | d | 99 | 100 | m | 100 | m | 100 | m | |
| Argentina | 95 | 97 | 99 | 100 | e | 100 | | 100 | 100 | |
| Armenia | 99 | d | 100 | 100 | d | 100 | g | 100 | 100 | |
| Aruba | 92 | e | 100 | 100 | e | 100 | m | 100 | m | |
| Australia | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Austria | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Azerbaijan | 99 | c | 99 | 100 | | 100 | | 100 | 100 | |
| Bahamas | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Bahrain | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Bangladesh | 32 | d | 44 | g | 55 | g | 74 | 92 | c | |
| Barbados | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Belarus | 100 | m | 100 | 100 | m | 100 | c | 100 | m | |
| Belgium | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Belize | 79 | e | 84 | 90 | e | 92 | c | 93 | e | |
| Benin | 22 | 26 | 34 | 30 | g | 40 | k | 65 | 17 | |
| Bermuda | 100 | m | 100 | 100 | m | 100 | m | 100 | m | |
| Bhutan | 31 | g | 60 | e | 73 | c | | 100 | 100 | |
| Bolivia (Plurinational State of) | 70 | h | 68 | h | 88 | | h | 96 | 88 | |
| Bosnia and Herzegovina | 100 | m | 100 | 100 | m | 100 | k | 100 | m | |
| Botswana | 27 | 38 | 52 | 62 | k | 70 | k | 88 | 28 | |
| Brazil | 94 | 97 | h | 99 | h | 100 | h | 100 | g | |

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | | |
|--|-----------------------------------|------|------|------|------|-----|-----------------------------------|------|-----------------------------------|-----|---|
| | 2000 | 2005 | 2010 | 2015 | 2019 | | 2019 | 2019 | | | |
| | | | | | | | | | | | |
| British Virgin Islands | 97 | 98 | 99 | 100 | m | 100 | m | 100 | m | 100 | m |
| Brunei Darussalam | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Bulgaria | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Burkina Faso | 9 | 11 | 13 | 16 | d | 18 | | 65 | | | |
| Burundi | 2 | 3 | 5 | 8 | d | 11 | | 63 | | 3 | |
| Cabo Verde | | 67 | d | 87 | e | 96 | | 95 | | 96 | |
| Cambodia | 17 | 21 | d | 69 | d | 93 | | 100 | | 91 | |
| Cameroun | 41 | 47 | 53 | 59 | | 63 | | 93 | | 24 | |
| Canada | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Cayman Islands | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Central African Republic | 6 | 8 | 10 | 13 | c | 14 | c | 32 | c | 2 | |
| Chad | 3 | 5 | 6 | 8 | c | 8 | d | 37 | c | | |
| Channel Islands | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Chile | 98 | 98 | 100 | 100 | h | 100 | h | 100 | m | 100 | m |
| China | 97 | 98 | 100 | 100 | k | 100 | | 100 | | 100 | |
| China, Hong Kong Special Administrative Region | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| China, Macao Special Administrative Region | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Colombia | 95 | 97 | 97 | 98 | h | 100 | h | 100 | | 99 | |
| Comoros | 40 | 51 | 70 | 74 | | 84 | | 98 | | 78 | |
| Congo | | 34 | d | 44 | | 48 | | 66 | | 13 | |
| Cook Islands | | | 99 | 100 | | 100 | | 100 | | | |
| Costa Rica | 97 | 99 | 99 | 99 | h | 100 | h | 100 | g | 99 | |
| Côte d'Ivoire | 49 | 59 | 58 | 63 | d | 69 | k | 94 | | 42 | |
| Croatia | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Cuba | 97 | 97 | 98 | 99 | | 100 | c | 100 | c | 99 | |
| Curaçao | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Cyprus | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |
| Czechia | 100 | 100 | 100 | 100 | m | 100 | m | 100 | m | 100 | m |

| Country/region | Total electricity access rate (%) | | | | | | | | Urban electricity access rate (%) | Rural electricity access rate (%) |
|---------------------------------------|-----------------------------------|------|------|------|------|------|------|------|-----------------------------------|-----------------------------------|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | | |
| | | | | | | | | | | |
| Democratic People's Republic of Korea | | | 29 | 40 | 49 | | 42 | 61 | | |
| Democratic Republic of the Congo | 7 | c | 6 | g | 13 | 16 | 19 | k | 1 | |
| Denmark | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Djibouti | 56 | | 56 | 58 | 61 | | 72 | 25 | | |
| Dominica | 81 | | 88 | 94 | 100 | 100 | | 100 | | |
| Dominican Republic | 89 | h | 90 | h | 98 | h | 99 | h | 100 | |
| Ecuador | 94 | | 96 | h | 97 | h | 99 | h | 100 | |
| Egypt | 98 | d | 99 | d | 99 | k | 100 | 100 | | |
| El Salvador | 85 | h | 88 | h | 92 | h | 95 | h | 100 | |
| Equatorial Guinea | | | | 66 | 67 | | 91 | 2 | | |
| Eritrea | 29 | | 35 | 40 | 46 | 50 | 76 | 37 | | |
| Estonia | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Eswatini | | | 34 | 46 | c | 64 | 77 | 91 | 73 | |
| Ethiopia | 13 | d | 14 | d | 33 | 29 | d | 48 | 93 | |
| Faroe Islands | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Fiji | 76 | | 82 | 89 | 95 | | 100 | 100 | | |
| Finland | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| France | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| French Polynesia | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Gabon | 74 | d | 82 | g | 89 | 87 | 91 | 98 | 24 | |
| Gambia | 34 | c | 30 | c | 47 | 54 | 60 | 80 | 28 | |
| Georgia | | | 98 | c | 100 | k | 100 | 100 | | |
| Germany | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Ghana | 44 | e | 41 | k | 64 | e | 74 | 84 | d | |
| Gibraltar | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Greece | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Greenland | 100 | m | 100 | m | 100 | m | 100 | m | 100 | |
| Grenada | 86 | | 88 | 90 | 92 | 95 | | | | |

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|----------------------------------|-----------------------------------|------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | 2019 | |
| | | | | | | | | | | |
| Guam | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Guatemala | 73 | 78 | 84 | 90 | 96 | 97 | 94 | 94 | 94 | |
| Guinea | 15 | 20 | 28 | 34 | 42 | 88 | 16 | 16 | 16 | |
| Guinea-Bissau | | | 6 | 20 | 31 | 54 | 13 | 13 | 13 | |
| Guyana | 74 | 78 | 83 | 88 | 92 | 97 | 90 | 90 | 90 | |
| Haiti | 34 | 35 | 37 | 41 | 45 | 80 | 1 | 1 | 1 | |
| Honduras | 67 | 69 | 81 | 90 | 93 | 100 | 83 | 83 | 83 | |
| Hungary | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Iceland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| India | 59 | 67 | 76 | 88 | 98 | 100 | 97 | 97 | 97 | |
| Indonesia | 86 | 85 | 94 | 98 | 99 | 100 | 98 | 98 | 98 | |
| Iran (Islamic Republic of) | 98 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Iraq | | | 98 | 99 | 100 | 100 | 100 | 100 | 100 | |
| Ireland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Isle of Man | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Israel | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Italy | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Jamaica | 84 | 88 | 92 | 95 | 99 | 100 | 99 | 99 | 99 | |
| Japan | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Jordan | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Kazakhstan | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Kenya | 15 | 25 | 19 | 42 | 70 | 91 | 62 | 62 | 62 | |
| Kiribati | | 70 | 63 | 91 | 100 | 89 | 100 | 100 | 100 | |
| Kosovo | 100 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Kuwait | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Kyrgyzstan | 100 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | |
| Lao People's Democratic Republic | 42 | 57 | 70 | 90 | 100 | 100 | 100 | 100 | 100 | |
| Latvia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|----------------------------------|-----------------------------------|------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | 2019 | |
| | | | | | | | | | | |
| Lebanon | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Lesotho | 4 | 10 | 17 | 32 | 45 | 76 | 32 | | | |
| Liberia | | | 5 | 16 | 28 | 46 | 8 | | | |
| Libya | 100 | 90 | 82 | 73 | 69 | 100 | | | | |
| Liechtenstein | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Lithuania | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Luxembourg | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Madagascar | 13 | 15 | 12 | 21 | 27 | 79 | | | | |
| Malawi | 5 | 7 | 9 | 11 | 11 | 46 | 4 | | | |
| Malaysia | | | 99 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Maldives | 84 | 91 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Mali | 10 | 18 | 27 | 38 | 48 | 91 | 15 | | | |
| Malta | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Marshall Islands | 69 | 76 | 89 | 93 | 97 | 96 | 100 | | | |
| Mauritania | | 18 | 34 | 40 | 46 | 86 | | | | |
| Mauritius | 99 | 99 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | |
| Mexico | 98 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | |
| Micronesia (Federated States of) | 46 | 55 | 65 | 74 | 82 | 96 | 78 | | | |
| Monaco | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Mongolia | 67 | 86 | 79 | 88 | 99 | 100 | 97 | | | |
| Montenegro | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Morocco | 70 | 78 | 93 | 97 | 100 | 100 | 99 | | | |
| Mozambique | 6 | 12 | 19 | 24 | 30 | 73 | 5 | | | |
| Myanmar | | 47 | 49 | 61 | 68 | 93 | 58 | | | |
| Namibia | 37 | 40 | 45 | 52 | 55 | 75 | 35 | | | |
| Nauru | 99 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | |
| Nepal | 29 | 47 | 69 | 84 | 90 | 94 | 89 | | | |
| Netherlands | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |

| Country/region | Total electricity access rate (%) | | | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|----------------------------|-----------------------------------|------|------|------|------|-----|------|------|-----------------------------------|------|-----------------------------------|-----|
| | 2000 | 2005 | 2010 | 2015 | 2019 | | 2019 | 2019 | 2019 | 2019 | | |
| | | | | | | | | | | | | |
| New Caledonia | 100 | m | 100 | m | 100 | m | 100 | m | 100 | m | 100 | m |
| New Zealand | 100 | m | 100 | m | 100 | m | 100 | m | 100 | m | 100 | m |
| Nicaragua | 73 | 74 | h | 78 | 83 | 88 | 88 | 100 | 71 | 71 | 71 | 71 |
| Niger | 6 | c | 7 | g | 13 | 17 | g | 19 | 50 | 13 | 13 | 13 |
| Nigeria | 43 | 47 | 48 | d | 53 | 55 | d | 55 | 84 | f | 26 | 26 |
| Niue | | | | | 100 | 100 | | 100 | 100 | | 100 | |
| North Macedonia | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | m | 100 | m |
| Northern Mariana Islands | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | m | 100 | m |
| Norway | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | m | 100 | m |
| Oman | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | m | 100 | m |
| Pakistan | 70 | 71 | 71 | 71 | 71 | 74 | | 74 | 100 | | 59 | 59 |
| Palau | 98 | 99 | e | 99 | 99 | 100 | | 100 | 100 | | 100 | 100 |
| Panama | 81 | 84 | 87 | e | 92 | 96 | | 96 | 100 | | 88 | 88 |
| Papua New Guinea | 9 | 19 | 20 | g | 44 | 63 | | 63 | 83 | | 60 | 60 |
| Paraguay | 89 | 95 | h | 97 | 99 | 100 | h | 100 | 100 | | 100 | 100 |
| Peru | 72 | h | 77 | h | 88 | 94 | h | 98 | 100 | | 92 | 92 |
| Philippines | 75 | 80 | 85 | 85 | 89 | 96 | f | 96 | 98 | | 94 | 94 |
| Poland | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Portugal | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Puerto Rico | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Qatar | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Republic of Korea | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Republic of Moldova | 100 | 99 | d | 100 | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Romania | 100 | m | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Russian Federation | 100 | m | 100 | m | 96 | 100 | k | 100 | 100 | | 100 | 100 |
| Rwanda | 6 | d | 5 | d | 23 | 38 | d | 38 | 93 | | 26 | 26 |
| Saint Kitts and Nevis | 95 | 96 | 100 | 100 | 100 | 100 | m | 100 | 100 | | 100 | 100 |
| Saint Lucia | | 92 | 94 | e | 97 | 100 | | 100 | 97 | | 100 | 100 |
| Saint Martin (French Part) | 100 | 100 | 100 | m | 100 | 100 | m | 100 | 100 | | 100 | 100 |

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|----------------------------------|-----------------------------------|------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | 2019 | |
| | | | | | | | | | | |
| Saint Vincent and the Grenadines | 80 | 86 | 93 | 100 | 100 | 100 | 99 | 100 | 100 | |
| Samoa | 88 | 92 | 96 | 99 | 99 | c | 100 | 100 | 99 | |
| San Marino | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Sao Tome and Principe | 53 | 56 | 61 | 67 | 75 | 75 | 78 | 69 | 69 | |
| Saudi Arabia | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Senegal | 38 | 47 | 57 | 61 | d | d | 95 | d | 48 | |
| Serbia | 100 | 100 | 100 | 100 | c | k | 100 | c | 100 | |
| Seychelles | 94 | 96 | 97 | 100 | e | m | 100 | m | 100 | |
| Sierra Leone | | 11 | 11 | 20 | c | 23 | d | 51 | d | |
| Singapore | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Sint Maarten (Dutch part) | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Slovakia | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Slovenia | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Solomon Islands | 5 | 19 | 34 | 55 | d | 70 | 77 | 68 | 68 | |
| Somalia | | 13 | 21 | 29 | c | 36 | 66 | 11 | 11 | |
| South Africa | 72 | 81 | 83 | 85 | g | 85 | g | 88 | 79 | |
| South Sudan | | | 2 | 5 | e | 7 | 13 | 5 | 5 | |
| Spain | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Sri Lanka | | 78 | 85 | 94 | g | 100 | 100 | 100 | 100 | |
| State of Palestine | 100 | 100 | 100 | 100 | g | 100 | k | 100 | c | |
| Sudan | 23 | 33 | 38 | 47 | c | 54 | 81 | 39 | 39 | |
| Suriname | 95 | 95 | 91 | 95 | c | 98 | 99 | 96 | 96 | |
| Sweden | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Switzerland | 100 | 100 | 100 | 100 | m | m | 100 | 100 | m | |
| Syrian Arab Republic | | 92 | 93 | 90 | g | 89 | 100 | 76 | 76 | |
| Tajikistan | 98 | 99 | 99 | 98 | c | 100 | k | 99 | 100 | |
| Thailand | 82 | 93 | 100 | 100 | f | 100 | c | 100 | c | |
| Timor-Leste | | 34 | 38 | 67 | d | 95 | 100 | 92 | 92 | |

| Country/region | Total electricity access rate (%) | | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|--|-----------------------------------|------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | 2019 | |
| Togo | 17 | 27 | 31 | 45 | 52 | 92 | 24 | | | |
| Tonga | 86 | 89 | 93 | 100 | 98 | 100 | 98 | | | |
| Trinidad and Tobago | 91 | 98 | 100 | 100 | 100 | 100 | 100 | | | |
| Tunisia | 95 | 99 | 100 | 100 | 100 | 100 | 100 | | | |
| Turkey | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| Turkmenistan | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| Turks and Caicos Islands | 96 | 96 | 100 | 100 | 100 | 100 | 100 | | | |
| Tuvalu | 96 | 96 | 97 | 99 | 100 | 100 | 100 | | | |
| Uganda | 7 | 9 | 12 | 19 | 41 | 71 | 32 | | | |
| Ukraine | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| United Arab Emirates | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| United Kingdom of Great Britain and Northern Ireland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| United Republic of Tanzania | 9 | 14 | 15 | 26 | 38 | 73 | 19 | | | |
| United States of America | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| United States Virgin Islands | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| Uruguay | 98 | 98 | 99 | 100 | 100 | 100 | 100 | | | |
| Uzbekistan | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| Vanuatu | 22 | 31 | 44 | 52 | 65 | 95 | 54 | | | |
| Venezuela (Bolivarian Republic of) | 99 | 99 | 99 | 100 | 100 | 100 | 100 | | | |
| Viet Nam | 88 | 96 | 97 | 100 | 99 | 100 | 99 | | | |
| Yemen | 49 | 55 | 61 | 67 | 73 | 93 | 61 | | | |
| Zambia | 17 | 23 | 22 | 31 | 43 | 80 | 14 | | | |
| Zimbabwe | 34 | 36 | 40 | 34 | 41 | 85 | 20 | | | |
| World | 75 | 78 | 83 | 87 | 90 | 97 | 81 | | | |
| Northern America and Europe | 100 | 100 | 100 | 99 | 100 | 100 | 100 | | | |

| Country/region | Total electricity access rate (%) | | | | | Urban electricity access rate (%) | | Rural electricity access rate (%) | |
|-------------------------------------|-----------------------------------|------|------|------|------|-----------------------------------|------|-----------------------------------|--|
| | 2000 | 2005 | 2010 | 2015 | 2019 | 2019 | 2019 | 2019 | |
| Latin America and the Caribbean | 92 | 94 | 96 | 97 | 98 | 100 | 100 | 93 | |
| Central Asia and Southern Asia | 59 | 67 | 75 | 86 | 95 | 100 | 100 | 92 | |
| Eastern Asia and South-eastern Asia | 89 | 92 | 96 | 97 | 98 | 99 | 99 | 97 | |
| Western Asia and Northern Africa | 48 | 57 | 91 | 93 | 94 | 99 | 99 | 86 | |
| Sub-Saharan Africa | 24 | 29 | 33 | 38 | 46 | 78 | 78 | 25 | |
| Oceania | 80 | 82 | 82 | 87 | 92 | 99 | 99 | 76 | |

Note: Unless otherwise noted, data are World Bank estimates based on the statistical model described in chapter 1.

a. Most surveys report data on the percentage of households with access to electricity rather than on the percentage of the population with access.

b. Rural data are calculated based on the urban and total population with access and are not based on a statistical model.

c. Based on Multi-Indicator Cluster Survey (MICS)

d. Based on Demographic and Health Survey (DHS)

e. Based on Census

f. Based on Living Standards Measurement Survey (LSMS)

g. Based on other National Surveys conducted by national statistical agencies

h. Based on Socio-Economic Database for Latin America and the Caribbean (SEDLAC)

i. Based on Europe and Central Asia Poverty Database (ECAPOV)

j. Based on Middle East and North Africa Poverty Database (MNAPOV)

k. Based on other official sources

l. Based on Multi-Tier Framework (MTF)

m. Data from assumption: Countries considered "developed" by the UN are assumed to have an electrification rate of 100%. Countries that are classified as High Income Countries (HIC) are also assumed to have an electrification rate of 100% from the time the country first became a HIC, unless survey data was collected.

SDG 7.1.2 ACCESS TO CLEAN FUELS AND TECHNOLOGIES FOR COOKING

Source: World Health Organization

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|----------------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Afghanistan | 6 | 31 | 1 | 20 | 70 | 6 | 29 | 80 | 12 | 36 | 85 | 20 |
| Albania | 38 | 66 | 18 | 66 | 86 | 46 | 76 | 90 | 57 | 81 | 92 | 63 |
| Algeria | 97 | 100 | 92 | 99 | 100 | 98 | 99 | 100 | 98 | 99 | 100 | 99 |
| American Samoa | | | | | | | | | | | | |
| Andorra | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Angola | 41 | 81 | 8 | 44 | 78 | 7 | 47 | 78 | 8 | 50 | 77 | 8 |
| Anguilla | | | | | | | | | | | | |
| Antigua and Barbuda | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Argentina | 95 | 98 | 70 | 99 | 100 | 91 | 100 | 100 | 95 | 100 | 100 | 97 |
| Armenia | 79 | 94 | 54 | 96 | 99 | 92 | 98 | 100 | 95 | 98 | 100 | 96 |
| Aruba | | | | | | | | | | | | |
| Australia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Austria | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Azerbaijan | 70 | 96 | 44 | 93 | 99 | 86 | 96 | 99 | 92 | 97 | 99 | 94 |
| Bahamas | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Bahrain | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Bangladesh | 8 | 35 | 1 | 13 | 42 | 2 | 18 | 51 | 5 | 23 | 57 | 8 |
| Barbados | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Belarus | 95 | 99 | 88 | 98 | 100 | 96 | 99 | 100 | 97 | 99 | 99 | 98 |
| Belgium | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Belize | 80 | 94 | 67 | 83 | 96 | 73 | 83 | 96 | 73 | 82 | 95 | 73 |
| Benin | 1 | 1 | 0 | 4 | 8 | 1 | 4 | 8 | 1 | 4 | 7 | 1 |
| Bermuda | | | | | | | | | | | | |
| Bhutan | 28 | 87 | 10 | 64 | 96 | 48 | 74 | 97 | 60 | 79 | 97 | 66 |
| Bolivia (Plurinational State of) | 63 | 92 | 18 | 76 | 97 | 39 | 83 | 98 | 52 | 86 | 99 | 57 |
| Bosnia and Herzegovina | 52 | 80 | 32 | 45 | 69 | 22 | 44 | 67 | 19 | 46 | 67 | 18 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|--|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Botswana | 45 | 71 | 19 | 56 | 78 | 29 | 55 | 74 | 28 | 53 | 69 | 26 |
| Brazil | 89 | 97 | 55 | 94 | 99 | 70 | 96 | 99 | 76 | 96 | 99 | 79 |
| British Virgin Islands | | | | | | | | | | | | |
| Brunei Darussalam | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Bulgaria | | | | | | | | | | | | |
| Burkina Faso | 3 | 12 | 1 | 6 | 21 | 1 | 8 | 28 | 1 | 10 | 34 | 1 |
| Burundi | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cabo Verde | 63 | 90 | 31 | 70 | 91 | 33 | 75 | 93 | 40 | 78 | 93 | 44 |
| Cambodia | 4 | 15 | 1 | 11 | 45 | 4 | 19 | 60 | 9 | 31 | 70 | 20 |
| Cameroon | 10 | 22 | 1 | 20 | 37 | 2 | 22 | 40 | 2 | 22 | 38 | 2 |
| Canada | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Cayman Islands | | | | | | | | | | | | |
| Central African Republic | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Chad | 3 | 5 | 3 | 2 | 10 | 0 | 3 | 13 | 0 | 4 | 15 | 0 |
| Channel Islands | | | | | | | | | | | | |
| Chile | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| China | 43 | 68 | 25 | 54 | 78 | 28 | 60 | 81 | 32 | 64 | 83 | 37 |
| China, Hong Kong Special Administrative Region | | | | | | | | | | | | |
| China, Macao Special Administrative Region | | | | | | | | | | | | |
| Colombia | 78 | 93 | 33 | 87 | 97 | 42 | 91 | 98 | 55 | 94 | 99 | 67 |
| Comoros | 0 | 1 | 0 | 3 | 7 | 1 | 6 | 13 | 2 | 8 | 16 | 2 |
| Congo | 9 | 15 | 1 | 17 | 26 | 2 | 26 | 37 | 3 | 34 | 47 | 3 |
| Cook Islands | 79 | 98 | 25 | 81 | 99 | 20 | 79 | 99 | 16 | 78 | 99 | 12 |
| Costa Rica | 89 | 97 | 78 | 92 | 98 | 80 | 94 | 98 | 84 | 96 | 98 | 87 |
| Côte d'Ivoire | 18 | 37 | 3 | 18 | 36 | 1 | 23 | 47 | 1 | 30 | 60 | 1 |
| Croatia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Cuba | | | | | | | | | | | | |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|---------------------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Curacao | | | | | | | | | | | | |
| Cyprus | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Czechia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Democratic People's Republic of Korea | 2 | 3 | 1 | 6 | 9 | 1 | 8 | 13 | 1 | 11 | 17 | 1 |
| Democratic Republic of the Congo | 1 | 3 | 0 | 3 | 10 | 0 | 4 | 11 | 0 | 4 | 10 | 0 |
| Denmark | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Djibouti | 4 | 4 | 1 | 7 | 8 | 1 | 8 | 11 | 0 | 10 | 12 | 0 |
| Dominica | 81 | 94 | 59 | 84 | 95 | 67 | 84 | 94 | 69 | 83 | 94 | 69 |
| Dominican Republic | 84 | 95 | 67 | 87 | 95 | 69 | 89 | 95 | 71 | 91 | 96 | 76 |
| Ecuador | 89 | 99 | 74 | 94 | 99 | 84 | 94 | 99 | 85 | 94 | 99 | 84 |
| Egypt | 84 | 96 | 74 | 99 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 |
| El Salvador | 58 | 82 | 25 | 77 | 94 | 48 | 85 | 96 | 63 | 89 | 96 | 74 |
| Equatorial Guinea | 19 | 32 | 4 | 23 | 34 | 5 | 24 | 33 | 5 | 24 | 32 | 5 |
| Eritrea | 4 | 11 | 0 | 8 | 20 | 1 | 9 | 21 | 1 | 9 | 19 | 1 |
| Estonia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Eswatini | 24 | 60 | 10 | 39 | 80 | 23 | 48 | 86 | 32 | 55 | 89 | 40 |
| Ethiopia | 1 | 3 | 0 | 2 | 10 | 0 | 4 | 18 | 0 | 7 | 27 | 0 |
| Faroe Islands | | | | | | | | | | | | |
| Fiji | 28 | 49 | 8 | 32 | 49 | 13 | 40 | 58 | 18 | 50 | 68 | 26 |
| Finland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| France | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| French Polynesia | | | | | | | | | | | | |
| Gabon | 65 | 80 | 15 | 80 | 90 | 30 | 86 | 93 | 39 | 88 | 94 | 45 |
| Gambia | 4 | 7 | 1 | 3 | 4 | 1 | 2 | 2 | 0 | 1 | 2 | 0 |
| Georgia | 48 | 86 | 10 | 66 | 93 | 35 | 79 | 96 | 60 | 88 | 97 | 77 |
| Germany | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Ghana | 6 | 13 | 1 | 16 | 30 | 4 | 21 | 36 | 6 | 23 | 36 | 8 |
| Gibraltar | | | | | | | | | | | | |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|----------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Greece | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Greenland | | | | | | | | | | | | |
| Grenada | 92 | 94 | 92 | 93 | 95 | 92 | 91 | 95 | 90 | 89 | 95 | 88 |
| Guam | | | | | | | | | | | | |
| Guatemala | 41 | 68 | 17 | 38 | 62 | 11 | 43 | 68 | 12 | 49 | 74 | 14 |
| Guinea | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 2 | 4 | 0 |
| Guinea-Bissau | 1 | 4 | 0 | 1 | 3 | 0 | 1 | 2 | 0 | 1 | 2 | 0 |
| Guyana | 36 | 56 | 28 | 61 | 75 | 56 | 71 | 81 | 68 | 77 | 84 | 75 |
| Haiti | 3 | 6 | 1 | 4 | 7 | 1 | 4 | 7 | 1 | 4 | 7 | 1 |
| Honduras | 31 | 56 | 8 | 43 | 71 | 15 | 45 | 71 | 17 | 45 | 69 | 18 |
| Hungary | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Iceland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| India | 22 | 50 | 6 | 35 | 70 | 14 | 48 | 82 | 27 | 64 | 90 | 48 |
| Indonesia | 6 | 13 | 2 | 42 | 62 | 24 | 68 | 85 | 51 | 82 | 92 | 72 |
| Iran (Islamic Republic of) | 93 | 98 | 86 | 96 | 99 | 92 | 97 | 99 | 92 | 96 | 99 | 92 |
| Iraq | 74 | 83 | 58 | 95 | 98 | 90 | 98 | 99 | 96 | 99 | 99 | 98 |
| Ireland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Isle of Man | | | | | | | | | | | | |
| Israel | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Italy | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Jamaica | 76 | 98 | 54 | 86 | 96 | 75 | 85 | 93 | 78 | 83 | 90 | 78 |
| Japan | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Jordan | 100 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Kazakhstan | 84 | 96 | 68 | 93 | 98 | 86 | 96 | 99 | 93 | 98 | 99 | 96 |
| Kenya | 2 | 5 | 1 | 7 | 20 | 2 | 11 | 28 | 3 | 17 | 38 | 5 |
| Kiribati | 1 | 2 | 0 | 3 | 6 | 1 | 6 | 11 | 1 | 10 | 17 | 1 |
| Kosovo | | | | | | | | | | | | |
| Kuwait | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Kyrgyzstan | 53 | 86 | 34 | 72 | 93 | 60 | 76 | 94 | 66 | 77 | 95 | 66 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|----------------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Lao People's Democratic Republic | 1 | 3 | 1 | 4 | 10 | 1 | 6 | 15 | 1 | 8 | 18 | 2 |
| Latvia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Lebanon | | | | | | | | | | | | |
| Lesotho | 16 | 46 | 8 | 31 | 73 | 16 | 36 | 78 | 18 | 39 | 79 | 19 |
| Liberia | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | | | | | | | | | | | | |
| Liechtenstein | | | | | | | | | | | | |
| Lithuania | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Luxembourg | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Madagascar | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 0 | 1 | 2 | 0 |
| Malawi | 2 | 12 | 0 | 2 | 11 | 1 | 2 | 11 | 1 | 2 | 8 | 0 |
| Malaysia | 98 | 99 | 95 | 98 | 99 | 95 | 97 | 99 | 94 | 96 | 98 | 93 |
| Maldives | 53 | 96 | 39 | 93 | 99 | 90 | 98 | 100 | 97 | 99 | 100 | 99 |
| Mali | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 |
| Malta | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Marshall Islands | 13 | 18 | 2 | 53 | 71 | 2 | 63 | 83 | 1 | 65 | 86 | 1 |
| Mauritania | 30 | 53 | 13 | 42 | 68 | 18 | 44 | 68 | 19 | 43 | 65 | 18 |
| Mauritius | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Mexico | 83 | 98 | 47 | 85 | 95 | 52 | 85 | 93 | 53 | 85 | 92 | 57 |
| Micronesia (Federated States of) | 11 | 25 | 4 | 12 | 30 | 4 | 12 | 33 | 4 | 12 | 33 | 3 |
| Monaco | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Mongolia | 23 | 41 | 2 | 35 | 50 | 7 | 44 | 62 | 11 | 52 | 70 | 14 |
| Montenegro | 67 | 83 | 44 | 63 | 75 | 41 | 62 | 72 | 41 | 62 | 72 | 44 |
| Morocco | 90 | 100 | 80 | 96 | 100 | 92 | 98 | 100 | 95 | 98 | 100 | 96 |
| Mozambique | 2 | 5 | 1 | 3 | 9 | 0 | 4 | 11 | 0 | 5 | 13 | 0 |
| Myanmar | 3 | 6 | 1 | 10 | 26 | 3 | 20 | 53 | 6 | 30 | 73 | 9 |
| Namibia | 34 | 76 | 11 | 41 | 76 | 11 | 44 | 74 | 12 | 46 | 72 | 13 |
| Nauru | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|--------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Nepal | 6 | 24 | 3 | 21 | 65 | 11 | 28 | 67 | 14 | 31 | 65 | 16 |
| Netherlands | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| New Caledonia | | | | | | | | | | | | |
| New Zealand | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Nicaragua | 34 | 55 | 7 | 45 | 70 | 8 | 50 | 78 | 8 | 55 | 83 | 9 |
| Niger | 1 | 4 | 0 | 1 | 6 | 0 | 2 | 9 | 0 | 2 | 12 | 0 |
| Nigeria | 1 | 2 | 0 | 2 | 4 | 1 | 5 | 11 | 2 | 13 | 26 | 4 |
| Niue | 75 | 90 | 68 | 93 | 97 | 91 | 97 | 98 | 95 | 98 | 99 | 97 |
| North Macedonia | 57 | 70 | 40 | 67 | 85 | 43 | 72 | 89 | 49 | 76 | 90 | 56 |
| Northern Mariana Islands | | | | | | | | | | | | |
| Norway | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Oman | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Pakistan | 24 | 66 | 4 | 36 | 83 | 11 | 43 | 87 | 18 | 49 | 88 | 26 |
| Palau | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Panama | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Papua New Guinea | 5 | 39 | 0 | 8 | 40 | 3 | 9 | 39 | 4 | 9 | 38 | 4 |
| Paraguay | 49 | 72 | 17 | 58 | 78 | 28 | 65 | 84 | 36 | 68 | 86 | 40 |
| Peru | 43 | 61 | 5 | 66 | 84 | 14 | 76 | 91 | 26 | 83 | 95 | 40 |
| Philippines | 38 | 56 | 20 | 40 | 61 | 21 | 42 | 64 | 23 | 47 | 69 | 27 |
| Poland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Portugal | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Puerto Rico | | | | | | | | | | | | |
| Qatar | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Korea, Republic of | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Moldova, Republic of | 64 | 96 | 40 | 91 | 98 | 86 | 95 | 99 | 92 | 96 | 99 | 94 |
| Romania | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Russian Federation | 100 | 100 | 100 | 97 | 98 | 97 | 94 | 96 | 93 | 90 | 93 | 90 |
| Rwanda | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 6 | 0 |
| Saint Kitts and Nevis | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|----------------------------------|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Saint Lucia | 86 | 79 | 91 | 96 | 94 | 96 | 96 | 96 | 97 | 96 | 97 | 97 |
| Saint Martin (French Part) | | | | | | | | | | | | |
| Saint Vincent and the Grenadines | 96 | 95 | 98 | 96 | 96 | 97 | 95 | 95 | 97 | 94 | 95 | 96 |
| Samoa | 19 | 49 | 9 | 27 | 56 | 18 | 32 | 61 | 23 | 36 | 65 | 28 |
| San Marino | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Sao Tome and Principe | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 3 | 1 | 3 | 4 | 1 |
| Saudi Arabia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Senegal | 35 | 69 | 7 | 34 | 64 | 7 | 27 | 52 | 5 | 24 | 46 | 4 |
| Serbia | 59 | 84 | 32 | 67 | 86 | 44 | 67 | 85 | 45 | 66 | 83 | 44 |
| Seychelles | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Sierra Leone | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| Singapore | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Sint Maarten (Dutch part) | | | | | | | | | | | | |
| Slovakia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Slovenia | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Solomon Islands | 8 | 38 | 3 | 8 | 37 | 2 | 8 | 37 | 2 | 9 | 37 | 1 |
| Somalia | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 3 | 0 | 3 | 5 | 0 |
| South Africa | 56 | 77 | 29 | 77 | 89 | 56 | 84 | 93 | 63 | 86 | 95 | 65 |
| South Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Sri Lanka | 17 | 53 | 10 | 22 | 57 | 14 | 26 | 64 | 18 | 31 | 69 | 22 |
| State of Palestine | | | | | | | | | | | | |
| Sudan | 8 | 18 | 6 | 33 | 55 | 23 | 46 | 64 | 36 | 53 | 67 | 45 |
| Suriname | 78 | 89 | 60 | 88 | 94 | 76 | 92 | 96 | 84 | 94 | 97 | 89 |
| Sweden | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Switzerland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Syrian Arab Republic | 99 | 100 | 98 | 99 | 100 | 98 | 98 | 100 | 97 | 97 | 100 | 96 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|--|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Tajikistan | 36 | 79 | 20 | 70 | 95 | 60 | 77 | 97 | 70 | 82 | 97 | 76 |
| Thailand | 58 | 86 | 45 | 74 | 88 | 64 | 78 | 87 | 70 | 80 | 86 | 73 |
| Timor-Leste | 2 | 5 | 0 | 5 | 12 | 1 | 8 | 21 | 3 | 13 | 29 | 4 |
| Togo | 0 | 1 | 0 | 3 | 8 | 0 | 7 | 15 | 1 | 9 | 20 | 1 |
| Tonga | 36 | 79 | 24 | 60 | 88 | 51 | 69 | 91 | 62 | 76 | 93 | 71 |
| Trinidad and Tobago | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Tunisia | 94 | 96 | 91 | 99 | 100 | 99 | 100 | 100 | 99 | 100 | 100 | 100 |
| Turkey | 90 | 99 | 78 | 94 | 99 | 83 | 95 | 100 | 84 | 95 | 100 | 84 |
| Turkmenistan | 99 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Turks and Caicos Islands | | | | | | | | | | | | |
| Tuvalu | 20 | 26 | 14 | 50 | 69 | 29 | 63 | 86 | 35 | 69 | 92 | 36 |
| Uganda | 1 | 4 | 0 | 1 | 3 | 0 | 1 | 2 | 0 | 0 | 1 | 0 |
| Ukraine | 92 | 95 | 86 | 94 | 98 | 87 | 95 | 98 | 88 | 95 | 99 | 88 |
| United Arab Emirates | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| United Kingdom of Great Britain and Northern Ireland | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Tanzania, United Republic of | 1 | 2 | 0 | 1 | 4 | 0 | 3 | 8 | 1 | 4 | 11 | 1 |
| United States of America | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| United States Virgin Islands | | | | | | | | | | | | |
| Uruguay | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Uzbekistan | 83 | 98 | 71 | 86 | 99 | 74 | 86 | 99 | 75 | 85 | 98 | 74 |
| Vanuatu | 16 | 60 | 4 | 12 | 39 | 3 | 9 | 29 | 2 | 8 | 22 | 2 |
| Venezuela (Bolivarian Republic of) | 95 | 99 | 71 | 97 | 99 | 82 | 97 | 99 | 86 | 97 | 99 | 87 |
| Viet Nam | 14 | 41 | 5 | 49 | 78 | 36 | 60 | 82 | 48 | 65 | 82 | 55 |
| Yemen | 56 | 94 | 42 | 60 | 94 | 44 | 61 | 94 | 43 | 61 | 93 | 42 |
| Zambia | 14 | 38 | 1 | 16 | 37 | 2 | 16 | 34 | 2 | 16 | 32 | 2 |

| Country or region | Clean cooking access rate (%) | | | | | | | | | | | |
|---|-------------------------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|
| | 2000 | | | 2010 | | | 2015 | | | 2019 | | |
| | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural | Overall | Urban | Rural |
| Zimbabwe | 34 | 87 | 6 | 30 | 81 | 5 | 30 | 80 | 5 | 30 | 79 | 6 |
| Australia and New Zealand | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Central Asia and Southern Asia | 26 | 57 | 9 | 37 | 73 | 16 | 48 | 82 | 26 | 60 | 87 | 43 |
| Eastern Asia and South-eastern Asia | 42 | 65 | 24 | 55 | 77 | 29 | 62 | 82 | 37 | 68 | 84 | 43 |
| Latin America and the Caribbean | 80 | 93 | 44 | 85 | 95 | 52 | 87 | 95 | 56 | 88 | 95 | 60 |
| Northern America and Europe | 98 | 99 | 96 | 99 | 99 | 96 | 98 | 99 | 96 | 98 | 99 | 96 |
| Oceania excluding Australia and New Zealand | 10 | 43 | 2 | 12 | 44 | 4 | 13 | 46 | 6 | 15 | 47 | 6 |
| Sub-Saharan Africa | 9 | 24 | 3 | 12 | 26 | 4 | 14 | 29 | 4 | 16 | 33 | 4 |
| Western Asia and Northern Africa | 81 | 92 | 66 | 89 | 97 | 79 | 91 | 97 | 82 | 92 | 97 | 83 |
| World | 50 | 76 | 25 | 57 | 81 | 29 | 61 | 83 | 35 | 66 | 84 | 42 |

Note:
Data source: Household Energy Database, WHO, January 2021.
Source: World Health Organization

SDG 7.2 – RENEWABLE ENERGY

Data provided by the IEA and UNSD

This table, including the data contained in it, must not be reproduced, disseminated or transferred, in whole or in part, without IEA's and UNSD's written permission. The data in this table sourced to the IEA is subject to the IEA's terms and conditions. This notice and any sourcing statements included in this table must not be removed from the table.

| Country / region | Renewable energy | | | | | Share in total final energy consumption (%) | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | | Source | |
|---------------------|------------------|------|------|------|------|---|-----------------|----------|-------|------|------|-------|------------|-------------------|-----------------------------|--|---------------|--------|-------------------------------------|--------|--------|------|
| | 2000 | 2010 | 2015 | 2018 | 2018 | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal (renew) | Electricity consumption (1) | Heat raising (2) | Transport (3) | 2018 | 2018 | 2018 | | 2018 |
| | | | | | | | | | | | | | | | | | | | | | | |
| Afghanistan | 54.2 | 14.9 | 20.3 | 21.4 | 10.4 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 14.4 | 13.5 | 0 | 130.1 | 130.1 | 130.1 | a |
| Albania | 41.4 | 37.1 | 38.6 | 38.3 | 7.5 | 5.3 | 0 | 24.8 | 0 | 0 | 0 | 0.6 | 0 | 0 | 21.9 | 7.2 | 4.7 | 88.2 | 88.2 | 88.2 | b | |
| Algeria | 0.4 | 0.3 | 0.1 | 0.2 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 2.1 | 0.9 | 0 | 1583 | 1583 | 1583 | b | |
| American Samoa | 0.0 | 0.0 | 1.5 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.5 | 0.5 | a | |
| Andorra | 14.5 | 18.7 | 19.3 | 18.5 | 0.4 | 0 | 0 | 16.7 | 0 | 0 | 0 | 0 | 0 | 1.4 | 1.6 | 0 | 0 | 9 | 9 | 9 | a | |
| Angola | 73.4 | 50.8 | 47.8 | 56.8 | 50.1 | 0 | 0 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 271 | 202.3 | 0 | 403.9 | 403.9 | 403.9 | b | |
| Anguilla | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 1.5 | 1.5 | a | |
| Antigua and Barbuda | 0.0 | 0.0 | 0.5 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 4.1 | 4.1 | 4.1 | a | |
| Argentina | 9.8 | 8.8 | 9.4 | 10.5 | 2.9 | 2.8 | 0 | 4.6 | 0 | 0.2 | 0 | 0 | 0 | 0 | 110.8 | 60.5 | 64 | 2236.7 | 2236.7 | 2236.7 | b | |
| Armenia | 7.2 | 9.4 | 10.7 | 11.1 | 4.4 | 0 | 0 | 6.4 | 0 | 0 | 0.3 | 0 | 0 | 0 | 5.7 | 4.2 | 0.1 | 90 | 90 | 90 | b | |
| Aruba | 0.2 | 5.5 | 6.7 | 8.0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 7.7 | 0 | 0 | 0 | 0.5 | 0 | 0 | 6.8 | 6.8 | 6.8 | a | |
| Australia | 8.4 | 8.2 | 9.3 | 9.6 | 5.1 | 0.2 | 0.2 | 1.4 | 0 | 1.4 | 1.4 | 0 | 0 | 0 | 127.2 | 178.5 | 8.7 | 3259.6 | 3259.6 | 3259.6 | b | |
| Austria | 26.4 | 31.1 | 34.9 | 33.8 | 15.9 | 1.9 | 0.4 | 12.2 | 0 | 1.9 | 1.2 | 0.1 | 0.3 | 0.3 | 165.7 | 171.6 | 28.8 | 1081.7 | 1081.7 | 1081.7 | b | |
| Azerbaijan | 2.1 | 4.4 | 2.3 | 2.0 | 0.5 | 0 | 0 | 1.3 | 0 | 0.1 | 0 | 0 | 0.1 | 0 | 4.9 | 1.7 | 0.1 | 338.8 | 338.8 | 338.8 | b | |
| Bahamas | 0.0 | 1.7 | 1.5 | 1.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 27.6 | 27.6 | 27.6 | a | |
| Bahrain | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201.7 | 201.7 | 201.7 | b | |
| Bangladesh | 59.0 | 41.1 | 34.2 | 30.7 | 30.4 | 0 | 0 | 0.3 | 0 | 0 | 0.1 | 0 | 0 | 0 | 4.5 | 395.8 | 0 | 1303.4 | 1303.4 | 1303.4 | b | |
| Barbados | 14.3 | 9.1 | 3.2 | 5.8 | 4.7 | 0 | 0 | 0 | 0 | 0 | 1.2 | 0 | 0 | 0.2 | 0.5 | 0 | 0 | 12 | 12 | 12 | a | |
| Belarus | 5.6 | 7.3 | 6.8 | 7.2 | 6.9 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 | 0 | 0 | 2.1 | 48.8 | 0.2 | 0 | 707.8 | 707.8 | 707.8 | b | |
| Belgium | 1.4 | 5.8 | 9.4 | 10.7 | 4.8 | 1.5 | 0.6 | 0.1 | 0 | 2.1 | 1.2 | 0 | 0.3 | 67.6 | 60.5 | 21.4 | 0 | 1402.7 | 1402.7 | 1402.7 | b | |
| Belize | 34.6 | 32.9 | 32.7 | 40.1 | 32.4 | 0 | 0 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 2.5 | 3.1 | 0 | 14 | 14 | 14 | a | |
| Benin | 70.3 | 47.2 | 49.9 | 44.0 | 43.9 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0.1 | 80.9 | 0 | 0 | 184.2 | 184.2 | 184.2 | b | |
| Bermuda | 0.0 | 0.4 | 0.5 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0 | 0 | 5.9 | 5.9 | 5.9 | a | |
| Bhutan | 91.4 | 90.8 | 86.7 | 81.1 | 69.6 | 0 | 0 | 11.5 | 0 | 0 | 0 | 0 | 0 | 0 | 7.9 | 47.4 | 0 | 68.2 | 68.2 | 68.2 | a | |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | |
|--|---|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|-------------------------|--|------------------|---------------|-------------------------------------|---------|------|
| | Renewable energy | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | Transport (3) | | | |
| | 2000 | 2010 | 2015 | | | | | | | | | | | | | 2018 | 2018 | 2018 |
| Bolivia (Plurinational State of) | 29.7 | 15.6 | 8.2 | 7.6 | 4.4 | 0 | 0 | 3 | 0 | 0.1 | 0.1 | 0 | 0 | 9.2 | 11.2 | 0 | 269.7 | b |
| Bonaire, Sint Eustatius and Saba | 0.0 | 0.0 | 3.0 | 3.2 | 0.1 | 0 | 0 | 0 | 0 | 2.8 | 0.3 | 0 | 0 | 0.1 | 0 | 0 | 4 | a |
| Bosnia and Herzegovina | 19.4 | 19.6 | 25.3 | 35.4 | 27.4 | 0 | 0 | 7.9 | 0 | 0.1 | 0 | 0 | 0 | 14.1 | 48.1 | 0.1 | 176 | b |
| Botswana | 36.6 | 30.3 | 28.2 | 28.2 | 28.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23.9 | 0 | 84.8 | b |
| Brazil | 42.8 | 46.9 | 43.7 | 47.1 | 22 | 9.4 | 0 | 13.4 | 0 | 1.7 | 0.5 | 0 | 0 | 1495.8 | 1851.1 | 811.9 | 8836.9 | b |
| British Virgin Islands | 1.0 | 0.7 | 1.0 | 1.4 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 1.2 | a |
| Brunei Darussalam | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39.1 | b |
| Bulgaria | 8.0 | 14.2 | 17.8 | 19.5 | 12.1 | 1.7 | 0.2 | 2.9 | 0 | 0.8 | 1 | 0.4 | 0.4 | 21.3 | 50.7 | 71 | 404.8 | b |
| Burkina Faso | 85.4 | 81.5 | 72.7 | 67.0 | 66.5 | 0 | 0 | 0.3 | 0 | 0 | 0.2 | 0 | 0 | 0.8 | 111.6 | 0 | 167.9 | a |
| Burundi | 93.2 | 92.6 | 91.2 | 85.5 | 84.6 | 0 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0.6 | 48.5 | 0 | 57.3 | a |
| Cabo Verde | 38.5 | 21.2 | 26.3 | 23.0 | 19.3 | 0 | 0 | 0 | 0 | 3.3 | 0.4 | 0 | 0 | 0.3 | 1.4 | 0 | 7.2 | a |
| Cambodia | 81.1 | 68.5 | 64.9 | 61.8 | 56 | 0 | 0 | 5.8 | 0 | 0 | 0 | 0 | 0 | 17.4 | 165.4 | 0 | 295.7 | b |
| Cameroon | 84.5 | 78.6 | 78.0 | 80.6 | 76.2 | 0 | 0 | 4.4 | 0 | 0 | 0 | 0 | 0 | 14 | 236.6 | 0 | 310.8 | b |
| Canada | 22.0 | 21.9 | 22.6 | 22.2 | 5 | 1.2 | 0.1 | 14.5 | 0 | 1.2 | 0.2 | 0 | 0 | 1231.7 | 367 | 109.1 | 7698.9 | b |
| Cayman Islands | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.3 | a |
| Central African Republic | 85.1 | 86.6 | 84.2 | 80.9 | 78 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0.5 | 12.8 | 0 | 16.4 | a |
| Chad | 88.7 | 81.6 | 85.3 | 85.3 | 85.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61.2 | 0 | 71.8 | a |
| Chile | 31.4 | 27.0 | 25.1 | 25.5 | 16.2 | 0 | 0.1 | 6.5 | 0 | 1 | 1.7 | 0.1 | 0 | 119.7 | 170.1 | 1.9 | 1145.7 | b |
| China | 29.6 | 12.3 | 12.2 | 13.1 | 4.1 | 0.1 | 0.4 | 4.6 | 0 | 1.4 | 1.9 | 0.6 | 0 | 5417.4 | 4680.8 | 2271 | 78676.8 | b |
| China, Hong Kong Special Administrative Region | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.2 | 0.2 | 371.3 | b |
| China, Macao Special Administrative Region | 0.2 | 5.4 | 7.4 | 14.0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.5 | 0 | 0 | 32.3 | a |
| Colombia | 28.0 | 29.7 | 31.6 | 30.7 | 13.8 | 2.7 | 0 | 14.2 | 0 | 0 | 0 | 0 | 0 | 170.8 | 158.6 | 32.3 | 1177.4 | b |
| Comoros | 49.0 | 46.6 | 64.2 | 55.0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.8 | 0 | 6.9 | a |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | | | | Total final energy consumption (PJ) | |
|---------------------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|--|-----------------------------|------------------|---------------|--------|------|-------------------------------------|--|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | Transport (3) | 2018 | 2018 | | |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | | | | | |
| | 2000 | 2010 | 2015 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | | | |
| Congo | 64.9 | 54.8 | 64.2 | 69.9 | 67.4 | 0 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 2 | 55 | 0 | 81.6 | b | | |
| Cook Islands | 0.0 | 0.0 | 1.5 | 4.4 | 0 | 0 | 0 | 0 | 0 | 4.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | a | | |
| Costa Rica | 32.9 | 40.4 | 38.3 | 35.7 | 14.2 | 0 | 0 | 16.1 | 0 | 3.5 | 0.1 | 1.9 | 0 | 35.5 | 22.5 | 0 | 162.2 | b | | |
| Côte d'Ivoire | 63.7 | 75.3 | 64.8 | 63.5 | 61.1 | 0 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 7.5 | 182.1 | 0 | 298.5 | b | | |
| Croatia | 26.8 | 29.8 | 33.1 | 32.8 | 17.4 | 0.4 | 0.7 | 11.9 | 0 | 2.1 | 0.3 | 0.1 | 0 | 41.3 | 48.4 | 1.9 | 278.7 | b | | |
| Cuba | 34.4 | 14.6 | 20.1 | 20.9 | 17.6 | 3 | 0 | 0.1 | 0 | 0 | 0.1 | 0 | 0 | 2 | 61.8 | 0 | 306 | b | | |
| Curaçao | 0.1 | 0.5 | 1.6 | 3.0 | 0 | 0 | 0 | 0 | 0 | 2.8 | 0.2 | 0 | 0 | 0.8 | 0 | 0 | 24.9 | b | | |
| Cyprus | 3.1 | 6.6 | 10.5 | 12.1 | 2.1 | 0.6 | 0.7 | 0 | 0 | 1.1 | 5.7 | 0.1 | 1.8 | 1.6 | 5.8 | 0.4 | 64 | b | | |
| Czechia | 5.9 | 11.0 | 14.8 | 14.7 | 10.7 | 1.3 | 1.3 | 0.4 | 0 | 0.1 | 0.7 | 0 | 0.2 | 21.9 | 112.2 | 13.6 | 1003.5 | b | | |
| Democratic People's Republic of Korea | 8.7 | 13.5 | 23.1 | 33.7 | 17.5 | 0 | 0 | 16.2 | 0 | 0 | 0 | 0 | 0 | 34.5 | 37.2 | 0 | 212.9 | b | | |
| Democratic Republic of the Congo | 97.9 | 96.8 | 95.8 | 96.4 | 93 | 0 | 0 | 3.4 | 0 | 0 | 0 | 0 | 0 | 27.4 | 754.7 | 0 | 811.4 | b | | |
| Denmark | 10.7 | 21.2 | 33.0 | 35.3 | 20.2 | 1.6 | 0.8 | 0 | 0 | 8.8 | 1 | 0 | 2.9 | 75.5 | 119 | 9.9 | 578.9 | b | | |
| Djibouti | 31.4 | 32.5 | 28.2 | 27.8 | 27.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.1 | 0 | 7.7 | a | | |
| Dominica | 11.0 | 10.1 | 8.6 | 8.2 | 3.5 | 0 | 0 | 4.6 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0 | 1.7 | a | | |
| Dominican Republic | 19.1 | 17.0 | 15.0 | 16.1 | 13 | 0 | 0 | 2.1 | 0 | 0.6 | 0.4 | 0 | 0 | 8.1 | 33.3 | 0 | 257.8 | b | | |
| Ecuador | 19.4 | 11.8 | 13.1 | 16.3 | 3.8 | 0.1 | 0 | 12.3 | 0 | 0 | 0 | 0 | 0 | 65.1 | 18.5 | 0.7 | 516 | b | | |
| Egypt | 7.8 | 5.3 | 5.1 | 4.7 | 2.7 | 0 | 0 | 1.7 | 0 | 0.3 | 0.1 | 0 | 0 | 47.4 | 60.7 | 0.1 | 2282.3 | b | | |
| El Salvador | 33.5 | 32.6 | 21.0 | 23.2 | 9.8 | 0 | 0.1 | 6.3 | 0 | 0 | 1.1 | 5.9 | 0 | 17.4 | 7.6 | 0 | 108 | b | | |
| Equatorial Guinea | 45.8 | 5.7 | 4.5 | 4.9 | 4.2 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0.6 | 3.8 | 0 | 90.1 | a | | |
| Eritrea | 76.6 | 81.1 | 77.1 | 73.2 | 72.6 | 0 | 0 | 0 | 0 | 0.6 | 0 | 0 | 0 | 0.1 | 15.6 | 0 | 21.6 | b | | |
| Estonia | 19.8 | 25.4 | 27.6 | 28.8 | 25.8 | 0.6 | 0.4 | 0 | 0 | 1.1 | 0.1 | 0 | 0.8 | 4.3 | 29.9 | 0.7 | 121.2 | b | | |
| Eswatini | 62.2 | 63.7 | 66.6 | 66.1 | 61.3 | 0 | 0 | 4.8 | 0 | 0 | 0 | 0 | 0 | 4.7 | 21.8 | 0 | 40.1 | a | | |
| Ethiopia | 95.6 | 94.1 | 91.6 | 89.9 | 88 | 0 | 0 | 1.8 | 0 | 0.1 | 0 | 0 | 0 | 32.7 | 1496.5 | 0.2 | 1700.8 | b | | |
| Falkland Islands (Malvinas) | 1.5 | 4.6 | 4.7 | 5.0 | 1.2 | 0 | 0 | 0 | 0 | 3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | a | | |
| Faroe Islands | 2.8 | 3.4 | 7.5 | 5.9 | 0 | 0 | 0 | 3.7 | 0 | 2.2 | 0 | 0 | 0 | 0.6 | 0 | 0 | 9.6 | a | | |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | | Source |
|------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|-------------------------|-----------------------------|--|-------|------------------|-------------------------------------|---------------|--------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | | | Heat raising (2) | | Transport (3) | |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | 2018 | 2018 | 2018 | 2018 | 2018 | | |
| | 2000 | 2010 | 2015 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | 2018 | | |
| Fiji | 52.2 | 28.0 | 32.7 | 27.9 | 19.6 | 0 | 0 | 8.1 | 0 | 0 | 0.1 | 0 | 0 | 0 | 1.8 | 4.3 | 0 | 22 | a | |
| Finland | 31.7 | 33.6 | 43.2 | 44.2 | 33.1 | 1.5 | 0.6 | 5.5 | 0 | 2.4 | 0 | 0 | 1.1 | 134.9 | 303.3 | 16.7 | 1028.9 | b | | |
| France | 9.3 | 12.0 | 13.5 | 15.3 | 6.8 | 2.5 | 0.3 | 3.1 | 0 | 1.4 | 0.6 | 0.1 | 0.4 | 304.4 | 427.4 | 149.4 | 5777.2 | b | | |
| French Guiana | 23.8 | 29.4 | 0.0 | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| French Polynesia | 9.9 | 8.3 | 8.0 | 7.6 | 0.4 | 0 | 0 | 5.8 | 0 | 1.3 | 0 | 0 | 0 | 0.6 | 0 | 0 | 8.9 | a | | |
| Gabon | 72.8 | 85.8 | 81.9 | 89.9 | 88.1 | 0 | 0 | 1.8 | 0 | 0 | 0 | 0 | 0 | 3.2 | 154.9 | 0 | 175.8 | b | | |
| Gambia | 62.9 | 56.0 | 52.9 | 52.4 | 52.3 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 5.2 | 0 | 10 | a | | |
| Georgia | 47.3 | 39.1 | 28.1 | 27.9 | 6.6 | 0 | 0 | 20.7 | 0 | 0.2 | 0.1 | 0.4 | 0 | 34.4 | 12.1 | 1.1 | 170.4 | b | | |
| Germany | 3.7 | 11.6 | 14.6 | 15.8 | 5.1 | 1.4 | 2 | 0.6 | 0 | 3.8 | 2 | 0.1 | 0.8 | 636.2 | 564.1 | 128.4 | 8412.5 | b | | |
| Ghana | 71.6 | 51.9 | 44.0 | 42.0 | 34.8 | 0 | 0 | 7.1 | 0 | 0 | 0 | 0 | 0 | 23.4 | 11.4 | 0 | 327.4 | b | | |
| Gibraltar | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.1 | b | | |
| Greece | 7.8 | 11.4 | 17.5 | 17.9 | 6 | 1.1 | 0.3 | 3.1 | 0 | 3.4 | 3.9 | 0.1 | 0 | 53.8 | 50.2 | 6.9 | 620.9 | b | | |
| Greenland | 9.2 | 10.1 | 13.1 | 11.5 | 0 | 0 | 0 | 11.2 | 0 | 0 | 0 | 0 | 0.3 | 0.9 | 0 | 0 | 8.1 | a | | |
| Grenada | 10.5 | 10.5 | 12.3 | 10.4 | 10.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 3.3 | a | | |
| Guadeloupe | 2.6 | 3.0 | 0.0 | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| Guam | 0.0 | 0.0 | 1.3 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0.2 | 0 | 0 | 5.6 | a | | |
| Guatemala | 62.7 | 67.2 | 63.4 | 64.1 | 60.8 | 0 | 0 | 2.9 | 0 | 0.2 | 0.1 | 0.2 | 0 | 22.8 | 286.8 | 0 | 483.1 | b | | |
| Guernsey | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.3 | a | | |
| Guinea | 85.5 | 75.7 | 76.2 | 69.9 | 67.6 | 0 | 0 | 2.3 | 0 | 0 | 0 | 0 | 0 | 3.5 | 103 | 0 | 152.4 | a | | |
| Guinea-Bissau | 91.2 | 87.8 | 87.2 | 86.8 | 86.7 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 24.5 | 0 | 28.2 | a | | |
| Guyana | 29.8 | 30.3 | 24.9 | 16.8 | 16.7 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0.1 | 4.7 | 0 | 28.4 | a | | |
| Haiti | 80.8 | 79.0 | 76.1 | 76.2 | 75.9 | 0.2 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0.3 | 108.4 | 0 | 142.6 | b | | |
| Honduras | 55.2 | 52.1 | 52.7 | 50.1 | 42.3 | 0 | 0 | 4.6 | 0 | 1.3 | 1.4 | 0.4 | 0 | 16.6 | 75.8 | 0 | 184.7 | b | | |
| Hungary | 5.2 | 13.5 | 15.6 | 13.5 | 10.4 | 1.1 | 0.3 | 0.1 | 0 | 0.4 | 0.4 | 0.6 | 0.2 | 16.1 | 76.3 | 8.6 | 746.6 | b | | |
| Iceland | 60.7 | 75.4 | 77.1 | 78.2 | 0.7 | 0.6 | 0.1 | 34.7 | 0 | 0 | 0 | 42.2 | 0 | 66.2 | 371 | 1.2 | 133.7 | b | | |
| India | 51.6 | 41.1 | 34.4 | 31.7 | 28.3 | 0.2 | 0 | 1.8 | 0 | 0.8 | 0.6 | 0 | 0 | 806.5 | 6518.1 | 49.2 | 23269.1 | b | | |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source |
|----------------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|-------------------------|--|------------------|---------------|-------------------------------------|--------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | Transport (3) | | |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | | 2018 | 2018 |
| Indonesia | 45.6 | 34.8 | 27.0 | 20.9 | 16.9 | 2 | 0 | 1.1 | 0 | 0 | 0 | 0.7 | 0 | 159.5 | 1010.8 | 118.7 | 6178.2 | b |
| Iran (Islamic Republic of) | 0.4 | 0.9 | 0.9 | 1.0 | 0.3 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 49.2 | 21.1 | 0.1 | 7073.7 | b |
| Iraq | 0.3 | 1.7 | 0.8 | 0.5 | 0.1 | 0 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0 | 3.5 | 0.9 | 0 | 922.5 | b |
| Ireland | 2.0 | 5.2 | 9.1 | 10.7 | 2 | 1.4 | 0.2 | 0.5 | 0 | 5.9 | 0.1 | 0 | 0.6 | 32.2 | 11.1 | 6.5 | 463.6 | b |
| Isle of Man | 0.0 | 1.9 | 2.2 | 2.1 | 0 | 0 | 0 | 0.4 | 0 | 0 | 0 | 0 | 1.8 | 0 | 0 | 0 | 2.3 | a |
| Israel | 6.0 | 8.6 | 3.7 | 3.7 | 0.2 | 0 | .. | .. | 0 | 0.1 | 3.5 | 0 | 0 | 5.3 | 16 | 0 | 571.7 | b |
| Italy | 5.1 | 12.8 | 16.6 | 17.1 | 6.7 | 1.5 | 0.8 | 3.8 | 0 | 1.4 | 2 | 0.6 | 0.3 | 402.7 | 328.5 | 68.8 | 4685.5 | b |
| Jamaica | 9.4 | 9.0 | 11.8 | 8.7 | 5.6 | 1.6 | 0 | 0.5 | 0 | 0.8 | 0.1 | 0 | 0 | 1.4 | 5.3 | 1.5 | 94.7 | b |
| Japan | 3.8 | 4.8 | 6.3 | 7.4 | 2.2 | 0.2 | 0 | 2.5 | 0 | 0.2 | 2 | 0.1 | 0.1 | 562.7 | 178.5 | 28.5 | 10420.2 | b |
| Jersey | 0.0 | 7.4 | 15.9 | 17.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.4 | 1.1 | 0 | 0 | 6.3 | a |
| Jordan | 2.1 | 3.0 | 3.2 | 7.2 | 1.2 | 0 | 0 | 0 | 0 | 0.9 | 5.2 | 0 | 0 | 6.7 | 12 | 0 | 259.6 | b |
| Kazakhstan | 2.5 | 1.4 | 1.7 | 1.9 | 0.1 | 0 | 0 | 1.6 | 0 | 0.1 | 0.1 | 0 | 0 | 29 | 2.1 | 1.2 | 1741.5 | b |
| Kenya | 78.9 | 76.5 | 72.0 | 72.3 | 68.7 | 0 | 0 | 1.5 | 0 | 0.1 | 0 | 2 | 0 | 26.1 | 489.2 | 0 | 713 | b |
| Kiribati | 56.5 | 48.5 | 45.8 | 41.1 | 40.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.5 | 0 | 1.3 | a |
| Kuwait | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 | 594.1 | b |
| Kyrgyzstan | 35.2 | 25.6 | 23.3 | 23.2 | 0.1 | 0 | 0 | 23.2 | 0 | 0 | 0 | 0 | 0 | 39.2 | 0.1 | 0.1 | 170.1 | b |
| Lao People's Democratic Republic | 81.5 | 64.9 | 53.9 | 41.9 | 34 | 0 | 0 | 7.8 | 0 | 0 | 0 | 0 | 0 | 11.8 | 51.1 | 0 | 150 | a |
| Latvia | 35.8 | 33.1 | 38.1 | 41.3 | 32.5 | 1 | 1.4 | 5.1 | 0 | 0.3 | 0 | 0 | 0.9 | 12.3 | 55.5 | 1.8 | 168.6 | b |
| Lebanon | 4.9 | 5.7 | 4.2 | 4.7 | 2.9 | 0 | 0 | 0.5 | 0 | 0 | 1.3 | 0 | 0 | 1.4 | 8.9 | 0 | 217.4 | b |
| Lesotho | 56.7 | 53.0 | 44.9 | 38.4 | 32.1 | 0 | 0 | 6.3 | 0 | 0 | 0 | 0 | 0 | 2.9 | 14.8 | 0 | 46.1 | a |
| Liberia | 90.8 | 88.6 | 84.0 | 87.2 | 86.9 | 0 | 0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0.3 | 75.8 | 0 | 87.3 | a |
| Libya | 2.0 | 2.4 | 2.9 | 2.6 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10.8 | 0 | 412 | b |
| Liechtenstein | 53.9 | 52.3 | 55.5 | 56.8 | 7.4 | 0 | 0.8 | 33.7 | 0 | 0 | 14.9 | 0 | 0 | 1.4 | 0.3 | 0 | 3 | a |
| Lithuania | 17.2 | 21.5 | 29.0 | 33.5 | 21.5 | 1.4 | 1 | 2.4 | 0 | 6.3 | 0.5 | 0 | 0.4 | 27.5 | 45 | 3.5 | 226.6 | b |
| Luxembourg | 6.8 | 3.7 | 9.1 | 16.0 | 3.4 | 3.3 | 1.4 | 1.4 | 0 | 3.9 | 1.9 | 0 | 0.7 | 16.2 | 3.4 | 5.5 | 156.8 | b |
| Madagascar | 83.4 | 86.7 | 80.0 | 81.6 | 80.2 | 0 | 0 | 1.3 | 0 | 0 | 0 | 0 | 0 | 3.3 | 193.3 | 0 | 241 | a |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | |
|----------------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|-------------------------|--|------------------|---------------|-------------------------------------|--------|------|
| | Share in total final energy consumption (%) | | | | | | | | | | | | | Electricity consumption (1) | Heat raising (2) | Transport (3) | | | |
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | | | | 2018 | 2018 | 2018 |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | | | | |
| Malawi | 82.6 | 81.2 | 80.8 | 73.2 | 65.9 | 0 | 0 | 7.3 | 0 | 0 | 0 | 0 | 0 | 0 | 5.1 | 44.9 | 0 | 68.3 | a |
| Malaysia | 4.4 | 2.0 | 3.4 | 5.3 | 0.1 | 0.9 | 0.1 | 4.1 | 0 | 0 | 0.1 | 0 | 0 | 0 | 91 | 0 | 18.5 | 2062.7 | b |
| Maldives | 2.3 | 1.4 | 1.4 | 1.1 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0 | 0.1 | 0.2 | 0.2 | 0 | 18.5 | a |
| Mali | 83.5 | 79.2 | 79.9 | 76.6 | 74.4 | 0 | 0 | 2.2 | 0 | 0 | 0 | 0 | 0 | 3.3 | 107.9 | 0 | 145.3 | a | |
| Malta | 0.0 | 1.2 | 6.0 | 7.5 | 0.3 | 1.9 | 0.3 | 0 | 0 | 0 | 4.9 | 0 | 0 | 0.9 | 0.3 | 0.3 | 0.4 | 21.1 | b |
| Marshall Islands | 19.6 | 13.3 | 11.3 | 11.7 | 11.4 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 0 | 0 | 0.2 | 0.2 | 0 | 1.7 | a |
| Martinique | 1.7 | 2.5 | 0.0 | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Mauritania | 44.4 | 34.0 | 28.6 | 25.1 | 23.8 | 0 | 0 | 0 | 0 | 0.6 | 0.8 | 0 | 0 | 0.8 | 14.1 | 0 | 59.3 | a | |
| Mauritius | 20.4 | 13.6 | 11.5 | 9.2 | 7.2 | 0 | 0.2 | 1.2 | 0 | 0.1 | 0.5 | 0 | 0 | 2.2 | 1 | 0 | 34.7 | b | |
| Mayotte | 16.2 | 10.0 | 0.0 | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Mexico | 12.2 | 9.4 | 9.2 | 9.6 | 6.2 | 0 | 0 | 2 | 0 | 0.8 | 0.4 | 0.3 | 0 | 165.7 | 316.8 | 0.6 | 5018.8 | b | |
| Micronesia (Federated States of) | 2.0 | 1.8 | 1.4 | 1.8 | 1.1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1.4 | a |
| Mongolia | 5.7 | 4.5 | 3.6 | 3.4 | 2.4 | 0 | 0 | 0.2 | 0 | 0.7 | 0.1 | 0 | 0 | 1.6 | 3.8 | 0 | 162.8 | b | |
| Montenegro | 0.0 | 49.1 | 43.0 | 40.6 | 20.7 | 0 | 0 | 18.6 | 0 | 1.3 | 0 | 0 | 0 | 6 | 6.3 | 0 | 30.5 | b | |
| Montserrat | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | a |
| Morocco | 15.3 | 13.9 | 11.2 | 10.8 | 7.6 | 0 | 0 | 0.8 | 0 | 1.9 | 0.5 | 0 | 0 | 21.2 | 50.5 | 0.2 | 663.5 | b | |
| Mozambique | 93.6 | 84.3 | 80.7 | 65.9 | 48 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 38.3 | 102.1 | 0 | 212.9 | b | |
| Myanmar | 80.2 | 84.9 | 70.7 | 60.1 | 55.4 | 0 | 0 | 4.7 | 0 | 0 | 0 | 0 | 0 | 38.4 | 457 | 0 | 824.2 | b | |
| Namibia | 34.7 | 31.0 | 28.8 | 30.3 | 10.9 | 0 | 0 | 18.7 | 0 | 0.1 | 0.6 | 0 | 0 | 14.8 | 8.5 | 0 | 76.7 | b | |
| Nauru | 0.0 | 0.1 | 0.1 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | a |
| Nepal | 88.3 | 87.3 | 85.0 | 75.0 | 69 | 0 | 2.1 | 4 | 0 | 0 | 0 | 0 | 0 | 23.4 | 415.6 | 0 | 585 | b | |
| Netherlands | 1.7 | 3.9 | 5.7 | 7.4 | 2 | 1.3 | 0.4 | 0 | 0 | 1.9 | 0.7 | 0.2 | 0.8 | 62.9 | 54.7 | 22.6 | 1897.9 | b | |
| New Caledonia | 7.5 | 4.8 | 5.1 | 4.4 | 0.3 | 0 | 0 | 2.9 | 0 | 0.4 | 0.8 | 0 | 0 | 1.4 | 0.2 | 0 | 38.1 | a | |
| New Zealand | 29.0 | 31.7 | 31.2 | 31.0 | 8.3 | 0 | 0.2 | 15.1 | 0 | 1.2 | 0.1 | 6.1 | 0 | 116.4 | 53.1 | 0.3 | 547 | b | |
| Nicaragua | 58.4 | 54.4 | 50.0 | 50.2 | 44.8 | 0 | 0 | 1.1 | 0 | 2.1 | 0.1 | 2.1 | 0 | 7.9 | 46.4 | 0 | 108.2 | b | |
| Niger | 87.6 | 80.7 | 78.9 | 78.0 | 77.8 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 | 0.2 | 100.2 | 0 | 128.8 | b | |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | |
|--------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|--|-----------------------------|------------------|-------------------------------------|---------|---------------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | | | Transport (3) |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | 2018 | 2018 | |
| Nigeria | 86.2 | 86.5 | 82.3 | 79.7 | 79.4 | 0 | 0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 16.9 | 4631.2 | 0 | 5835.4 | b |
| Niue | 0.6 | 26.7 | 22.4 | 23.3 | 0.4 | 0 | 0 | 0 | 0 | 0 | 22.9 | 0 | 0 | 0 | 0 | 0 | 0.1 | a |
| North Macedonia | 19.4 | 22.4 | 24.0 | 20.9 | 10.5 | 0 | 0.3 | 9.2 | 0 | 0.5 | 0.1 | 0.2 | 0 | 7.7 | 8.2 | 0 | 76.3 | b |
| Northern Mariana Islands | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.1 | a |
| Norway | 60.2 | 56.4 | 58.1 | 60.8 | 4.6 | 2.1 | 0.2 | 51.8 | 0 | 1.4 | 0 | 0 | 0.8 | 404.1 | 41.6 | 19.8 | 765.5 | b |
| Oman | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 829.9 | b |
| Pakistan | 51.1 | 47.4 | 45.9 | 41.7 | 38.6 | 0 | 0 | 2.9 | 0 | 0.2 | 0.1 | 0 | 0 | 124.5 | 1474 | 0 | 3829.5 | b |
| Palau | 0.0 | 0.0 | 0.0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.1 | a |
| Panama | 27.7 | 20.6 | 21.9 | 24.4 | 6.7 | 0 | 0 | 16 | 0 | 1.2 | 0.5 | 0 | 0 | 25.9 | 9.8 | 0 | 146.3 | b |
| Papua New Guinea | 66.4 | 55.3 | 50.7 | 49.6 | 46.2 | 0 | 0 | 2.3 | 0 | 0 | 0 | 1.1 | 0 | 4.1 | 56.2 | 0 | 121.8 | a |
| Paraguay | 70.4 | 63.6 | 60.5 | 59.2 | 40.2 | 2.5 | 0 | 16.5 | 0 | 0 | 0 | 0 | 0 | 45 | 109.3 | 6.9 | 272.2 | b |
| Peru | 38.6 | 32.2 | 27.4 | 27.9 | 13.2 | 2 | 0 | 11.7 | 0 | 0.6 | 0.5 | 0 | 0 | 105.5 | 111 | 14.8 | 829 | b |
| Philippines | 34.8 | 28.8 | 25.9 | 23.2 | 16.7 | 1.6 | 0 | 2.1 | 0 | 0.3 | 0.3 | 2.3 | 0 | 68.1 | 228.4 | 20 | 1363.4 | b |
| Poland | 6.9 | 9.5 | 11.9 | 11.3 | 8 | 1.3 | 0.3 | 0.2 | 0 | 1.3 | 0.1 | 0 | 0.1 | 62.9 | 228.4 | 39.8 | 2939.3 | b |
| Portugal | 20.1 | 27.8 | 27.2 | 27.6 | 12.9 | 1.8 | 0.2 | 5.7 | 0 | 5.8 | 1.1 | 0.1 | 0.1 | 86 | 81.1 | 11.9 | 648.3 | b |
| Puerto Rico | 0.7 | 0.6 | 1.8 | 1.4 | 0 | 0 | 0 | 0.2 | 0 | 0.6 | 0.5 | 0 | 0 | 0.7 | 0 | 0 | 49.2 | a |
| Qatar | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 680.7 | b |
| Republic of Korea | 0.7 | 1.3 | 2.7 | 3.2 | 1.2 | 0.6 | 0.1 | 0.2 | 0 | 0.1 | 0.6 | 0.2 | 0.3 | 74.7 | 73.2 | 27.3 | 5500.8 | b |
| Republic of Moldova | 5.7 | 19.8 | 24.7 | 25.7 | 24.9 | 0 | 0.1 | 0.7 | 0 | 0.1 | 0 | 0 | 0 | 1.1 | 32.3 | 0 | 130.1 | b |
| Réunion | 11.7 | 16.4 | 0.0 | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Romania | 16.4 | 24.1 | 23.7 | 23.0 | 14.8 | 1.3 | 0.1 | 4.6 | 0 | 1.7 | 0.5 | 0.1 | 0 | 65.1 | 144.5 | 14 | 970.2 | b |
| Russian Federation | 3.5 | 3.3 | 3.2 | 3.2 | 0.6 | 0 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0 | 422 | 106 | 51.1 | 18206.4 | b |
| Rwanda | 86.8 | 90.7 | 86.7 | 85.7 | 84.2 | 0 | 0 | 1.4 | 0 | 0 | 0.1 | 0 | 0 | 1.2 | 68.8 | 0 | 81.7 | a |
| Saint Helena | 7.1 | 9.2 | 13.2 | 13.1 | 3.7 | 0 | 0 | 0 | 0 | 5.7 | 3.7 | 0 | 0 | 0 | 0 | 0 | 0.1 | a |
| Saint Kitts and Nevis | 26.6 | 1.0 | 1.7 | 1.7 | 0 | 0 | 0 | 0 | 0 | 1.2 | 0.4 | 0 | 0 | 0 | 0 | 0 | 1.9 | a |
| Saint Lucia | 24.1 | 13.2 | 11.5 | 10.2 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0 | 0 | 0.5 | 0 | 5.5 | a |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | | | |
|----------------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|--|-------------------------|-----------------------------|-------------------------------------|--------|------------------|---------------|------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | | | Heat raising (2) | Transport (3) | 2018 |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | 2018 | 2018 | | | |
| Saint Pierre and Miquelon | 0.6 | 1.6 | 1.0 | 1.1 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | a |
| Saint Vincent and the Grenadines | 8.5 | 5.1 | 4.3 | 4.9 | 2 | 0 | 0 | 2.7 | 0 | 0 | 0.2 | 0 | 0 | 0.1 | 0.1 | 0 | 0 | 2.8 | a |
| Samoa | 59.7 | 41.3 | 37.5 | 36.6 | 32.1 | 0 | 0 | 3 | 0 | 0 | 1.5 | 0 | 0 | 0.2 | 1.5 | 0 | 0 | 4.5 | a |
| Sao Tome and Principe | 54.7 | 43.8 | 40.2 | 37.8 | 37 | 0 | 0 | 0.8 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0.8 | 0 | 0 | 2.1 | a |
| Saudi Arabia | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.3 | 0 | 0 | 4947.2 | b |
| Senegal | 47.5 | 50.3 | 39.9 | 36.6 | 35.4 | 0 | 0 | 1 | 0 | 0 | 0.2 | 0 | 0 | 1.6 | 37.5 | 0 | 0 | 106.6 | b |
| Serbia | 22.1 | 20.6 | 21.3 | 21.1 | 12.4 | 0 | 0.2 | 8.3 | 0 | 0.1 | 0 | 0.1 | 0 | 29.6 | 44.3 | 0.4 | 0 | 351.3 | b |
| Seychelles | 1.5 | 0.7 | 1.3 | 1.2 | 0.5 | 0 | 0 | 0 | 0 | 0.5 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.3 | a |
| Sierra Leone | 91.3 | 84.9 | 78.5 | 79.6 | 79.3 | 0 | 0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0.2 | 42.7 | 0 | 0 | 53.8 | a |
| Singapore | 0.3 | 0.5 | 0.6 | 0.7 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0.4 | 3.5 | 0 | 0.2 | 0 | 510.5 | b |
| Sint Maarten (Dutch part) | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.6 | a |
| Slovakia | 3.7 | 10.3 | 13.4 | 12.4 | 6.4 | 1.5 | 0.9 | 3 | 0 | 0 | 0.6 | 0 | 0 | 19.9 | 25.4 | 6.7 | 0 | 418.8 | b |
| Slovenia | 15.9 | 19.5 | 20.8 | 21.0 | 10.6 | 1.5 | 0.3 | 7 | 0 | 0 | 0.6 | 1 | 0 | 15.7 | 24.3 | 3.4 | 0 | 206.9 | b |
| Solomon Islands | 55.3 | 45.1 | 48.6 | 48.5 | 48.3 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 3.2 | 0 | 0 | 6.7 | a |
| Somalia | 93.3 | 93.6 | 94.5 | 94.9 | 94.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109.8 | 0 | 0 | 115.7 | a |
| South Africa | 16.3 | 11.8 | 10.3 | 10.3 | 8.9 | 0 | 0 | 0.1 | 0 | 0.7 | 0.6 | 0 | 0 | 35.5 | 252.2 | 0.5 | 0 | 2786.5 | b |
| South Sudan | 0.0 | 0.0 | 26.7 | 33.2 | 33.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 5.5 | 0 | 0 | 16.7 | b |
| Spain | 7.9 | 14.4 | 16.3 | 17.4 | 5.5 | 2.1 | 0.2 | 3.2 | 0 | 4.7 | 1.6 | 0 | 0.1 | 322.3 | 191.3 | 76 | 0 | 3390.4 | b |
| Sri Lanka | 64.2 | 61.8 | 52.9 | 51.4 | 46 | 0 | 0 | 5.1 | 0 | 0.3 | 0.1 | 0 | 0 | 22.8 | 191.4 | 0 | 0 | 416.8 | b |
| State of Palestine | 17.5 | 14.1 | 11.0 | 12.7 | 3.8 | 0 | 0 | 0 | 0 | 0 | 8.9 | 0 | 0 | 2.9 | 5.3 | 0 | 0 | 64.4 | a |
| Sudan | 80.4 | 61.3 | 63.0 | 61.4 | 55.9 | 0 | 0 | 5.6 | 0 | 0 | 0 | 0 | 0 | 29.3 | 294.1 | 0 | 0 | 526.6 | b |
| Suriname | 23.6 | 22.1 | 11.6 | 19.2 | 5.1 | 0 | 0 | 14 | 0 | 0 | 0.1 | 0 | 0 | 3.1 | 1.1 | 0 | 0 | 22.2 | b |
| Sweden | 40.0 | 45.8 | 52.9 | 52.5 | 26.8 | 5.6 | 0.5 | 13.7 | 0 | 3.7 | 0.1 | 0 | 2.1 | 251.1 | 352.7 | 67.2 | 0 | 1278.6 | b |
| Switzerland | 18.2 | 20.6 | 24.0 | 24.2 | 5.3 | 0.9 | 0.4 | 14.8 | 0 | 0.1 | 1.2 | 0 | 1.5 | 115.2 | 50.4 | 13.5 | 0 | 740.1 | b |
| Syrian Arab Republic | 2.0 | 1.4 | 0.6 | 0.9 | 0.1 | 0 | 0 | 0.8 | 0 | 0 | 0 | 0 | 0 | 2 | 0.2 | 0 | 0 | 231.8 | b |
| Tajikistan | 62.4 | 61.8 | 48.1 | 39.5 | 0 | 0 | 0 | 39.5 | 0 | 0 | 0 | 0 | 0 | 47.7 | 0 | 0 | 0 | 121 | b |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | | Source | | |
|--|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|--|-------------------------|-----------------------------|-------------------------------------|---------------|---------|------|------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | Transport (3) | | 2018 | 2018 |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | | | | |
| Thailand | 22.0 | 22.7 | 22.7 | 23.7 | 18.3 | 2.6 | 1.1 | 0.9 | 0 | 0.2 | 0.5 | 0 | 0.2 | 11.5 | 557.8 | 81.5 | 3165 | b | |
| Timor-Leste | 0.0 | 34.8 | 18.4 | 18.4 | 18.2 | 0 | 0 | 0.1 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0.8 | 0 | 4.3 | a | |
| Togo | 77.1 | 65.8 | 81.0 | 75.1 | 75 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0.1 | 64.7 | 0 | 86.3 | b | |
| Tonga | 2.5 | 1.0 | 1.9 | 1.7 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0.8 | 0 | 0 | 0 | 0 | 0 | 1.5 | a | |
| Trinidad and Tobago | 0.8 | 0.4 | 0.4 | 0.5 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 105.4 | b | |
| Tunisia | 14.2 | 12.6 | 12.5 | 11.9 | 10.6 | 0 | 0 | 0 | 0 | 0.4 | 0.9 | 0 | 0 | 1.8 | 38.5 | 0 | 339.5 | b | |
| Turkey | 17.3 | 14.2 | 13.3 | 11.9 | 1.7 | 0.2 | 0.2 | 4.4 | 0 | 1.5 | 1.5 | 2.5 | 0 | 292.9 | 188.1 | 7.8 | 4116.4 | b | |
| Turkmenistan | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 756 | b | |
| Turks and Caicos Islands | 0.7 | 0.5 | 0.6 | 0.5 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.4 | a | |
| Tuvalu | 0.0 | 0.0 | 5.3 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0.1 | a | |
| Uganda | 95.0 | 93.2 | 91.1 | 90.3 | 89 | 0 | 0 | 1.3 | 0 | 0 | 0 | 0 | 0 | 10.5 | 656 | 0 | 737.8 | a | |
| Ukraine | 1.3 | 2.9 | 4.1 | 6.9 | 5.1 | 0.1 | 0.1 | 1.4 | 0 | 0.2 | 0.1 | 0 | 0 | 33.1 | 104.5 | 3.6 | 2043.7 | b | |
| United Arab Emirates | 0.1 | 0.1 | 0.1 | 0.3 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 | 4.2 | 1.9 | 0 | 2353.1 | b | |
| United Kingdom of Great Britain and Northern Ireland | 1.0 | 3.7 | 8.6 | 11.0 | 4.1 | 1.1 | 0.7 | 0.4 | 0 | 3.7 | 0.9 | 0 | 0.3 | 355.3 | 143.5 | 59.9 | 5058.3 | b | |
| United Republic of Tanzania | 93.7 | 88.6 | 83.5 | 83.7 | 82.7 | 0 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 | 7.6 | 626.6 | 0 | 758.1 | b | |
| United States of America | 5.4 | 7.4 | 9.0 | 10.1 | 3.5 | 2.7 | 0.1 | 1.5 | 0 | 1.4 | 0.6 | 0.2 | 0.1 | 2346.4 | 2192.5 | 1574.6 | 60487.2 | b | |
| United States Virgin Islands | 0.0 | 0.0 | 4.1 | 3.4 | 0 | 0 | 0 | 0 | 0 | 0 | 3.4 | 0 | 0 | 0.1 | 0 | 0 | 1.9 | a | |
| Uruguay | 38.7 | 53.2 | 59.4 | 60.7 | 42.2 | 1.6 | 0 | 9.5 | 0 | 6.9 | 0.6 | 0 | 0 | 40.3 | 75.3 | 2.7 | 195 | b | |
| Uzbekistan | 0.7 | 1.3 | 1.7 | 1.5 | 0 | 0 | 0 | 1.5 | 0 | 0 | 0 | 0 | 0 | 17.6 | 0.2 | 0.5 | 1224.9 | b | |
| Vanuatu | 48.7 | 38.4 | 35.5 | 30.8 | 28.6 | 0.3 | 0 | 0.8 | 0 | 0.5 | 0.6 | 0 | 0 | 0.1 | 0.8 | 0 | 2.9 | a | |
| Venezuela (Bolivarian Republic of) | 15.3 | 13.8 | 15.3 | 14.6 | 1.9 | 0 | 0 | 12.6 | 0 | 0 | 0 | 0 | 0 | 137.8 | 21.1 | 0 | 1091.1 | b | |
| Viet Nam | 58.0 | 34.8 | 30.7 | 23.5 | 13.8 | 0 | 0 | 9.7 | 0 | 0.1 | 0 | 0 | 0 | 239.9 | 338.4 | 0 | 2461.6 | b | |
| Wallis and Futuna Islands | 0.0 | 0.4 | 0.6 | 0.7 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0.2 | a | |
| Yemen | 1.2 | 1.0 | 2.4 | 4.3 | 3.1 | 0 | 0 | 0 | 0 | 0 | 1.2 | 0 | 0 | 1 | 2.6 | 0 | 85.5 | b | |
| Zambia | 89.9 | 89.9 | 85.5 | 85.1 | 75.4 | 0 | 0 | 9.7 | 0 | 0 | 0 | 0 | 0 | 39.3 | 305.4 | 0.1 | 405.2 | b | |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | | |
|---|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|--|-------------------------|-----------------------------|-------------------------------------|--------|------------------|---------------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | | | Heat raising (2) | Transport (3) |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | 2018 | 2018 | | |
| Zimbabwe | 69.3 | 82.1 | 81.4 | 81.4 | 77.2 | 0.4 | 0 | 3.8 | 0 | 0 | 0 | 0 | 0 | 17 | 334.2 | 1.7 | 433.7 | b |
| World | 17.2 | 16.4 | 16.9 | 17.1 | 10.3 | 1 | 0.2 | 3.4 | 0 | 1 | 0.8 | 0.3 | 0.1 | 19820.7 | 40247.7 | 4108 | 375053.4 | c |
| Northern America (M49) and Europe (M49) | 7.4 | 10.1 | 12.0 | 12.7 | 4.8 | 1.8 | 0.3 | 3.2 | 0 | 1.5 | 0.6 | 0.2 | 0.2 | 7928.2 | 6765.7 | 2564 | 135678.3 | c |
| Northern America (M49) | 7.3 | 9.1 | 10.8 | 11.6 | 3.6 | 2.5 | 0.1 | 3.1 | 0 | 1.4 | 0.6 | 0.2 | 0.1 | 3668.4 | 2557.6 | 1674.2 | 68200.6 | c |
| Europe (M49) | 7.4 | 11.0 | 13.2 | 13.8 | 5.9 | 1.1 | 0.5 | 3.3 | 0 | 1.7 | 0.7 | 0.2 | 0.3 | 4204 | 4207.7 | 909.1 | 67477.7 | c |
| Latin America and the Caribbean (MDG=M49) | 28.5 | 29.2 | 28.5 | 30.1 | 15.4 | 4 | 0 | 9.1 | .. | 1 | 0.4 | 0.1 | .. | 2680.3 | 3572.4 | 937.8 | 23915.6 | c |
| Central Asia (M49) and Southern Asia (MDG=M49) | 37.5 | 30.6 | 27.2 | 25.4 | 22.5 | 0.1 | 0 | 1.9 | 0 | 0.5 | 0.4 | 0 | 0 | 1190.1 | 9079.7 | 52.2 | 40707.5 | c |
| Central Asia (M49) | 3.6 | 2.8 | 3.2 | 3.4 | 0.1 | 0 | 0 | 3.3 | 0 | 0 | 0 | 0 | 0 | 131.5 | 2.8 | 4 | 4013.4 | c |
| Southern Asia (MDG=M49) | 42.9 | 34.4 | 29.9 | 27.8 | 24.9 | 0.1 | 0 | 1.7 | 0 | 0.5 | 0.4 | 0 | 0 | 1057.4 | 9077 | 48.6 | 36694.1 | c |
| Eastern Asia (M49) and South-eastern Asia (MDG=M49) | 23.2 | 13.4 | 13.2 | 13.6 | 5.7 | 0.3 | 0.3 | 4.1 | 0 | 1 | 1.6 | 0.5 | 0 | 6956.4 | 7783.4 | 518 | 112431.7 | c |
| Eastern Asia (M49) | 19.8 | 10.5 | 11.0 | 12.0 | 3.7 | 0.2 | 0.3 | 4.2 | 0 | 1.2 | 1.8 | 0.5 | 0 | 6158.2 | 4973.7 | 276.4 | 95377 | c |
| South-eastern Asia (MDG=M49) | 38.4 | 29.9 | 25.8 | 22.6 | 16.8 | 1.4 | 0.2 | 3.5 | 0 | 0.1 | 0.1 | 0.4 | 0 | 798.4 | 2809.7 | 241.5 | 17054.7 | c |
| Western Asia (M49) and Northern Africa (M49) | 8.3 | 6.2 | 5.4 | 5.2 | 2.5 | 0 | 0 | 1.3 | 0 | 0.4 | 0.5 | 0.5 | 0 | 451.7 | 716.5 | 8.2 | 22546.3 | c |
| Western Asia (M49) | 6.1 | 4.5 | 3.9 | 3.7 | 0.6 | 0 | 0.1 | 1.4 | 0 | 0.4 | 0.7 | 0.6 | 0 | 356.9 | 261.4 | 7.4 | 16739.3 | c |
| Northern Africa (M49) | 14.8 | 11.1 | 9.9 | 9.5 | 7.8 | 0 | 0 | 1.2 | 0 | 0.3 | 0.2 | 0 | 0 | 95 | 455.6 | 0.7 | 5807 | c |
| Sub-Saharan Africa (M49) | 72.5 | 70.9 | 68.7 | 67.7 | 65.6 | 0 | 0 | 1.7 | .. | 0.1 | 0.1 | 0.1 | .. | 374.3 | 12003.3 | 5 | 18294.9 | c |
| Oceania (M49) | 13.2 | 12.8 | 13.6 | 13.8 | 6.9 | 0.1 | 0.2 | 3.3 | 0 | 1.3 | 1.2 | 0.8 | 0 | 245.5 | 298.7 | 10.9 | 4028.5 | c |
| Oceania (M49) excluding Australia and New Zealand (M49) | 48.3 | 38.4 | 36.1 | 34.2 | 30.2 | 0 | 0 | 2.9 | 0 | 0.1 | 0.4 | 0.6 | 0 | 8.7 | 67.1 | 0 | 221.9 | c |
| Australia and New Zealand (M49) | 11.4 | 11.4 | 12.3 | 12.6 | 5.6 | 0.1 | 0.2 | 3.3 | 0 | 1.3 | 1.2 | 0.8 | 0 | 236.5 | 231.6 | 10.9 | 3806.6 | c |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | |
|---|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|------------|--|-----------------------------|------------------|-------------------------------------|----------|---------------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | Heat raising (2) | | | Transport (3) |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | | 2018 | 2018 | |
| Least Developed Countries (LDCs) | 84.0 | 76.0 | 73.4 | 70.5 | 66.9 | 0 | 0.1 | 3.4 | 0 | 0 | 0 | 0 | 0 | 387.1 | 7448.9 | 0.2 | 11116.8 | c |
| Small island developing States (SIDS) | 25.4 | 17.7 | 17.9 | 18.1 | 16 | 0.6 | 0 | 0.9 | 0 | 0.2 | 0.2 | 0.1 | 0.1 | 34.4 | 319.6 | 2.4 | 1966.8 | c |
| Landlocked developing countries (LLDCs) | 43.5 | 41.9 | 44.4 | 43.8 | 39.1 | 0.1 | 0.1 | 4.4 | 0 | 0 | 0 | 0 | 0 | 459.1 | 4115.1 | 17.5 | 10489.2 | c |
| Africa (M49) | 60.7 | 56.4 | 54.7 | 53.6 | 51.7 | 0 | 0 | 1.6 | .. | 0.2 | 0.1 | 0.1 | 0.1 | 465.6 | 12458.8 | 5.5 | 24102 | c |
| Asia (M49) | 25.1 | 16.6 | 15.5 | 15.4 | 9.2 | 0.3 | 0.2 | 3.3 | 0 | 0.8 | 1.2 | 0.4 | 0 | 8473.5 | 17125.8 | 568 | 169878.6 | c |
| Americas (m49) | 11.8 | 14.3 | 15.6 | 16.5 | 6.7 | 2.9 | 0.1 | 4.8 | 0 | 1.3 | 0.5 | 0.1 | 0 | 6434.5 | 6129.8 | 2612.4 | 92116.2 | c |
| Caribbean (M49) | 25.4 | 18.0 | 20.3 | 21.3 | 19 | 1 | .. | 0.7 | .. | 0.4 | 0.2 | .. | .. | 14.8 | 211.1 | 1.6 | 1069.6 | c |
| Central America (M49) | 18.1 | 16.4 | 16.5 | 17.1 | 12.5 | 0 | 0 | 2.9 | 0 | 0.8 | 0.4 | 0.4 | 0 | 294.3 | 768.8 | 1 | 6225.2 | c |
| Eastern Africa (M49) | 88.1 | 87.4 | 84.5 | 83.6 | 80.2 | 0 | 0 | 3 | .. | 0 | 0 | 0.3 | .. | 190.5 | 4503.4 | 1.9 | 5618.3 | c |
| Eastern Europe (M49) | 4.3 | 5.7 | 6.3 | 6.4 | 3.4 | 0.3 | 0.1 | 2.2 | 0 | 0.2 | 0.1 | 0 | 0 | 674.8 | 932.4 | 144.1 | 27571.3 | c |
| Melanesia (M49) | 54.5 | 43.3 | 40.1 | 37.9 | 33.8 | 0 | 0 | 3.1 | 0 | 0.1 | 0.2 | 0.7 | 0 | 7.7 | 64.8 | 0 | 191.4 | c |
| Micronesia (M49) | 5.1 | 5.5 | 6.0 | 6.8 | 5.4 | 0 | 0 | 0 | 0 | 0 | 1.4 | 0 | 0 | 0.2 | 0.7 | 0 | 13.8 | c |
| Middle Africa (M49) | 88.0 | 78.3 | 76.0 | 79.2 | 75.5 | 0 | 0 | 3.8 | 0 | 0 | 0 | 0 | 0 | 74.4 | 1482 | 0 | 1964 | c |
| Northern Europe (M49) | 15.4 | 19.1 | 25.7 | 27.5 | 11.9 | 1.8 | 0.6 | 7.8 | 0 | 3.5 | 0.5 | 0.5 | 0.8 | 1383.4 | 1132 | 189 | 9843.3 | c |
| Polynesia (M49) | 25.5 | 14.8 | 15.1 | 14.6 | 9 | 0 | 0 | 3.9 | 0 | 0 | 1.6 | 0 | 0 | 0.9 | 1.5 | 0 | 16.7 | c |
| South America (M49) | 32.9 | 34.6 | 33.2 | 35.4 | 16.3 | 5.8 | 0 | 11.8 | .. | 1 | 0.4 | 0 | .. | 2350.7 | 2592.5 | 935.8 | 16620.8 | c |
| Southern Africa (M49) | 18.5 | 13.7 | 12.1 | 12.0 | 10.5 | 0 | 0 | 0.3 | 0 | 0.6 | 0.6 | 0 | 0 | 42.9 | 321.1 | 0.6 | 3034.2 | c |
| Southern Europe (M49) | 8.7 | 15.4 | 18.1 | 19.0 | 7.6 | 1.6 | 0.5 | 4.5 | 0 | 2.8 | 1.7 | 0.3 | 0.1 | 100.2 | 838 | 174.4 | 10591.2 | c |
| Western Africa (M49) | 83.3 | 81.9 | 77.7 | 75.0 | 74.2 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 58.4 | 5696.8 | 0 | 7678.5 | c |
| Western Europe (M49) | 6.7 | 11.8 | 14.3 | 15.6 | 5.8 | 1.8 | 1.1 | 2.4 | 0 | 2.5 | 1.3 | 0.1 | 0.7 | 1348.1 | 1328.9 | 364 | 19471.9 | c |
| Developing regions (MDG) | 32.9 | 23.6 | 22.1 | 22.0 | 15.3 | 0.7 | 0.2 | 3.8 | 0 | 0.8 | 0.9 | 0.3 | 0 | 11067.6 | 33023.8 | 1500.1 | 207062.1 | c |
| Developed regions (MDG) | 7.2 | 9.7 | 11.6 | 12.3 | 4.6 | 1.7 | 0.3 | 3.2 | 0 | 1.5 | 0.8 | 0.2 | 0.2 | 8754.9 | 7197.8 | 2602.3 | 150540.8 | c |
| Northern Africa (MDG) | 7.1 | 5.3 | 4.6 | 4.3 | 3 | 0 | 0 | 0.8 | 0 | 0.4 | 0.2 | 0 | 0 | 67.3 | 161.5 | 0.5 | 5280.4 | c |
| Sub-Saharan Africa (MDG) | 72.7 | 70.6 | 68.5 | 67.5 | 65.3 | 0 | 0 | 1.8 | .. | 0.1 | 0.1 | 0.1 | .. | 403.1 | 12297.4 | 5.1 | 18821.6 | c |

| Country / region | Share in total final energy consumption (%) | | | | | | | | | | | Final consumption of renewable energy (PJ) | | | Total final energy consumption (PJ) | Source | | |
|---------------------------------|---|------|------|------|----------------|-----------------|----------|-------|------|------|-------|--|-------------------------|-----------------------------|-------------------------------------|--------|------------------|---------------|
| | Renewable energy | | | | Solid biofuels | Liquid biofuels | Biogases | Hydro | Tide | Wind | Solar | Geothermal | Municipal waste (renew) | Electricity consumption (1) | | | Heat raising (2) | Transport (3) |
| | 2000 | 2010 | 2015 | 2018 | | | | | | | | | | | 2018 | 2018 | | |
| Eastern Asia (MDG) | 25.4 | 11.5 | 11.6 | 12.5 | 3.9 | 0.2 | 0.4 | 4.4 | 0 | 1.3 | 1.8 | 0.6 | 0 | 5582.6 | 4795.1 | 248.3 | 84956.8 | c |
| Western Asia (MDG) | 5.7 | 3.9 | 3.6 | 3.5 | 0.6 | 0 | 0.1 | 1.2 | 0 | 0.4 | 0.6 | 0.7 | 0 | 308.5 | 221.2 | 6.8 | 15504.4 | c |
| Oceania (MDG) | 48.3 | 38.4 | 36.1 | 34.2 | 30.2 | 0 | 0 | 2.9 | 0 | 0.1 | 0.4 | 0.6 | 0 | 8.7 | 671 | 0 | 221.9 | c |
| Caucasus and Central Asia (MDG) | 4.7 | 3.9 | 4.1 | 4.3 | 0.4 | 0 | 0 | 3.7 | 0 | 0 | 0 | 0 | 0 | 170.4 | 20.8 | 5 | 4612.7 | c |

REFERENCE

a. Source: Energy Balances, UN Statistics Division (2020)

b. Source: IEA (2020), World Energy Balances

c. Sources: IEA (2020), World Energy Balances; Energy Balances, UN Statistics Division (2020)

DEFINITIONS

Final consumption of renewable energy

(1) Electricity consumption: Covers final consumption of renewable electricity in all sectors excluding transport

(2) Heat raising: Covers final consumption of renewable energy for heat raising purposes (excluding electricity) in manufacturing, construction and non fuel mining industries, household, commerce and public services, agriculture, forestry, fishing and not elsewhere specified.

(3) Transport: Covers final consumption of renewable energy (including electricity) in the transport sector.

NOTES

Allocation of renewable electricity and heat to final energy consumption.

To establish the contribution of each technology to the final consumption, the aggregated figures for electricity and commercial heat have to be allocated to the relevant technology.

This can be done based on the proportions exhibited in production data, attributing the losses proportionally (GTF 2013). For instance, if total final consumption table reports 150 TJ for biogases, while total final consumption of electricity is 400 TJ and heat 100 TJ, and the share of biogases in total electricity output is 10 percent and 5 percent in heat, the total reported number for biogases consumption will be 195 TJ (150 TJ+400TJ*10%+100TJ*5%).

SDG 7.3 – ENERGY EFFICIENCY

Data provided by the IEA and UNSD

This table, including the data contained in it, must not be reproduced, disseminated or transferred, in whole or in part, without IEA's and UNSD's written permission. The data in this table sourced to the IEA is subject to the IEA's terms and conditions. This notice and any sourcing statements included in this table must not be removed from the table.

| Country / region | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | Source |
|----------------------------------|-------------|------|------|------|-----------|-----------|-----------|--------|
| | Afghanistan | 1.4 | 2.2 | 1.8 | 1.8 | 5.1% | -4.3% | -0.8% |
| Albania | 4.0 | 2.8 | 2.6 | 2.5 | -3.7% | -1.2% | -1.5% | b |
| Algeria | 4.3 | 4.5 | 5.1 | 5.3 | 0.6% | 2.7% | 0.9% | b |
| American Samoa | .. | .. | .. | .. | .. | .. | .. | a |
| Andorra | .. | .. | .. | .. | .. | .. | .. | a |
| Angola | 3.7 | 2.6 | 2.9 | 3.0 | -3.4% | 1.8% | 1.8% | b |
| Anguilla | .. | .. | .. | .. | .. | .. | .. | a |
| Antigua and Barbuda | 3.1 | 4.1 | 4.0 | 3.6 | 2.7% | -0.4% | -3.7% | a |
| Argentina | 3.7 | 3.3 | 3.4 | 3.3 | -1.2% | 0.6% | -0.5% | b |
| Armenia | 6.8 | 3.9 | 4.0 | 3.4 | -5.4% | 0.5% | -4.8% | b |
| Aruba | 14.4 | 16.2 | 3.3 | 3.1 | 1.2% | -27.4% | -2.2% | a |
| Australia | 6.1 | 5.3 | 4.6 | 4.3 | -1.4% | -2.6% | -2.3% | b |
| Austria | 3.2 | 3.3 | 3.0 | 2.8 | 0.2% | -1.8% | -2.2% | b |
| Azerbaijan | 14.5 | 3.7 | 4.2 | 4.3 | -12.6% | 2.3% | 0.5% | b |
| Bahamas | 2.3 | 2.1 | 2.3 | 2.8 | -0.8% | 1.7% | 7.3% | a |
| Bahrain | 10.2 | 9.5 | 8.9 | 8.2 | -0.7% | -1.3% | -2.6% | b |
| Bangladesh | 3.1 | 3.0 | 2.8 | 2.5 | -0.6% | -1.4% | -3.9% | b |
| Barbados | 3.8 | 4.6 | 3.8 | 3.8 | 1.8% | -3.4% | -0.7% | a |
| Belarus | 12.9 | 7.0 | 6.1 | 6.3 | -5.9% | -2.8% | 1.2% | b |
| Belgium | 5.5 | 4.8 | 3.9 | 3.8 | -1.4% | -3.8% | -1.1% | b |
| Belize | 6.8 | 5.5 | 6.0 | 5.9 | -2.1% | 1.7% | -0.8% | a |
| Benin | 4.9 | 6.0 | 5.8 | 6.1 | 2.1% | -0.7% | 1.4% | b |
| Bermuda | .. | .. | .. | .. | .. | .. | .. | a |
| Bhutan | 18.4 | 10.1 | 8.7 | 8.3 | -5.8% | -3.0% | -1.6% | a |
| Bolivia (Plurinational State of) | 3.5 | 4.1 | 4.1 | 4.0 | 1.4% | 0.1% | -0.6% | b |
| Bonaire, Sint Eustatius and Saba | .. | .. | .. | .. | .. | .. | .. | a |
| Bosnia and Herzegovina | 6.7 | 6.6 | 5.9 | 6.5 | -0.2% | -2.3% | 3.4% | b |

| Country / region | 2000-2010 | | | | | 2010-2015 | | | | | 2015-2018 | | | | | Source |
|--|-----------|------|------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|--|--------|
| | 2000 | 2010 | 2015 | 2018 | 2010-2010 | 2010-2015 | 2010-2015 | 2010-2015 | 2010-2015 | 2015-2018 | 2015-2018 | 2015-2018 | 2015-2018 | | | |
| Botswana | 4.0 | 3.2 | 3.2 | 3.0 | -2.2% | -0.2% | -0.2% | -0.2% | -0.2% | -2.1% | -0.8% | -0.8% | -2.1% | b | | |
| Brazil | 3.9 | 3.8 | 4.0 | 3.9 | -0.1% | 1.0% | 1.0% | 1.0% | 1.0% | -0.8% | -0.8% | -0.8% | -0.8% | b | | |
| British Virgin Islands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Brunei Darussalam | 4.3 | 5.2 | 4.3 | 6.0 | 1.7% | -3.4% | -3.4% | -3.4% | -3.4% | 11.2% | 11.2% | 11.2% | 11.2% | b | | |
| Bulgaria | 9.4 | 5.8 | 5.5 | 5.0 | -4.7% | -0.9% | -0.9% | -0.9% | -0.9% | -3.3% | -3.3% | -3.3% | -3.3% | b | | |
| Burkina Faso | 5.5 | 5.4 | 4.9 | 4.6 | -0.1% | -1.8% | -1.8% | -1.8% | -1.8% | -2.4% | -2.4% | -2.4% | -2.4% | a | | |
| Burundi | 10.4 | 7.9 | 7.4 | 7.7 | -2.6% | -1.4% | -1.4% | -1.4% | -1.4% | 1.5% | 1.5% | 1.5% | 1.5% | a | | |
| Cabo Verde | 2.6 | 3.0 | 2.6 | 2.7 | 1.6% | -2.7% | -2.7% | -2.7% | -2.7% | 1.1% | 1.1% | 1.1% | 1.1% | a | | |
| Cambodia | 7.9 | 5.7 | 5.4 | 5.1 | -3.1% | -1.4% | -1.4% | -1.4% | -1.4% | -1.7% | -1.7% | -1.7% | -1.7% | b | | |
| Cameroon | 6.2 | 4.7 | 4.7 | 4.5 | -2.8% | 0.4% | 0.4% | 0.4% | 0.4% | -2.1% | -2.1% | -2.1% | -2.1% | b | | |
| Canada | 9.3 | 7.1 | 6.9 | 6.9 | -2.6% | -0.5% | -0.5% | -0.5% | -0.5% | -0.3% | -0.3% | -0.3% | -0.3% | b | | |
| Cayman Islands | 1.9 | 2.1 | 1.9 | 1.9 | 1.2% | -1.8% | -1.8% | -1.8% | -1.8% | -0.1% | -0.1% | -0.1% | -0.1% | a | | |
| Central African Republic | 5.8 | 4.0 | 5.6 | 5.1 | -3.6% | 6.7% | 6.7% | 6.7% | 6.7% | -3.2% | -3.2% | -3.2% | -3.2% | a | | |
| Chad | 8.2 | 3.8 | 3.0 | 3.5 | -7.3% | -4.7% | -4.7% | -4.7% | -4.7% | 5.3% | 5.3% | 5.3% | 5.3% | a | | |
| Chile | 4.5 | 3.7 | 3.5 | 3.6 | -2.1% | -1.0% | -1.0% | -1.0% | -1.0% | 0.9% | 0.9% | 0.9% | 0.9% | b | | |
| China | 10.9 | 8.9 | 7.2 | 6.3 | -1.9% | -4.2% | -4.2% | -4.2% | -4.2% | -4.3% | -4.3% | -4.3% | -4.3% | b | | |
| China, Hong Kong Special Administrative Region | 2.3 | 1.6 | 1.5 | 1.3 | -3.8% | -1.0% | -1.0% | -1.0% | -1.0% | -4.8% | -4.8% | -4.8% | -4.8% | b | | |
| China, Macao Special Administrative Region | 1.1 | 0.5 | 0.6 | 0.5 | -7.3% | 3.8% | 3.8% | 3.8% | 3.8% | -6.6% | -6.6% | -6.6% | -6.6% | a | | |
| Colombia | 3.0 | 2.4 | 2.5 | 2.3 | -2.2% | 1.1% | 1.1% | 1.1% | 1.1% | -3.3% | -3.3% | -3.3% | -3.3% | b | | |
| Comoros | 2.1 | 2.4 | 2.7 | 3.1 | 1.1% | 2.3% | 2.3% | 2.3% | 2.3% | 5.4% | 5.4% | 5.4% | 5.4% | a | | |
| Congo | 3.1 | 4.6 | 6.4 | 6.9 | 4.1% | 6.5% | 6.5% | 6.5% | 6.5% | 3.0% | 3.0% | 3.0% | 3.0% | b | | |
| Cook Islands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Costa Rica | 2.5 | 2.6 | 2.4 | 2.1 | 0.4% | -2.0% | -2.0% | -2.0% | -2.0% | -3.9% | -3.9% | -3.9% | -3.9% | b | | |
| Côte d'Ivoire | 4.2 | 4.6 | 4.0 | 3.5 | 0.9% | -3.1% | -3.1% | -3.1% | -3.1% | -4.5% | -4.5% | -4.5% | -4.5% | b | | |
| Croatia | 4.3 | 3.8 | 3.4 | 3.2 | -1.3% | -2.0% | -2.0% | -2.0% | -2.0% | -2.6% | -2.6% | -2.6% | -2.6% | b | | |
| Cuba | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b | | |
| Curaçao | 22.2 | 20.2 | 22.3 | 13.9 | -1.0% | 2.0% | 2.0% | 2.0% | 2.0% | -14.5% | -14.5% | -14.5% | -14.5% | b | | |
| Cyprus | 3.9 | 3.2 | 2.9 | 2.8 | -1.9% | -2.1% | -2.1% | -2.1% | -2.1% | -1.5% | -1.5% | -1.5% | -1.5% | b | | |
| Czechia | 6.7 | 5.4 | 4.6 | 4.3 | -2.2% | -3.1% | -3.1% | -3.1% | -3.1% | -2.1% | -2.1% | -2.1% | -2.1% | b | | |

| Country / region | 2000 | | 2010 | | 2015 | | 2018 | | 2000-2010 | | 2010-2015 | | 2015-2018 | | Source |
|---------------------------------------|------|------|------|------|------|------|------|------|-----------|-------|-----------|--------|-----------|-------|--------|
| | | | | | | | | | | | | | | | |
| Democratic People's Republic of Korea | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b |
| Democratic Republic of the Congo | 16.5 | 14.9 | 14.9 | 14.9 | 14.9 | 13.8 | 13.8 | 13.8 | -1.0% | -1.0% | 0.0% | 0.0% | -2.4% | -2.4% | b |
| Denmark | 3.0 | 2.9 | 2.9 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | -0.3% | -0.3% | -4.8% | -4.8% | -1.0% | -1.0% | b |
| Djibouti | 5.8 | 4.6 | 4.6 | 2.4 | 2.4 | 2.0 | 2.0 | 2.0 | -2.4% | -2.4% | -11.9% | -11.9% | -5.8% | -5.8% | a |
| Dominica | 2.5 | 3.0 | 3.0 | 3.1 | 3.1 | 2.9 | 2.9 | 2.9 | 1.9% | 1.9% | 0.9% | 0.9% | -1.9% | -1.9% | a |
| Dominican Republic | 3.9 | 2.6 | 2.6 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | -4.1% | -4.1% | -3.0% | -3.0% | -2.3% | -2.3% | b |
| Ecuador | 3.3 | 3.5 | 3.5 | 3.3 | 3.3 | 3.1 | 3.1 | 3.1 | 0.6% | 0.6% | -1.3% | -1.3% | -1.6% | -1.6% | b |
| Egypt | 3.2 | 3.6 | 3.6 | 3.5 | 3.5 | 3.6 | 3.6 | 3.6 | 1.2% | 1.2% | -0.9% | -0.9% | 1.2% | 1.2% | b |
| El Salvador | 3.5 | 3.9 | 3.9 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 1.2% | 1.2% | -2.8% | -2.8% | -1.2% | -1.2% | b |
| Equatorial Guinea | 1.6 | 2.4 | 2.4 | 3.3 | 3.3 | 3.7 | 3.7 | 3.7 | 4.2% | 4.2% | 6.8% | 6.8% | 4.2% | 4.2% | a |
| Eritrea | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b |
| Estonia | 7.9 | 6.8 | 6.8 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | -1.6% | -1.6% | -3.8% | -3.8% | 0.3% | 0.3% | b |
| Eswatini | 7.3 | 5.4 | 5.4 | 4.8 | 4.8 | 4.5 | 4.5 | 4.5 | -2.9% | -2.9% | -2.5% | -2.5% | -2.2% | -2.2% | a |
| Ethiopia | 21.4 | 12.7 | 12.7 | 9.2 | 9.2 | 7.9 | 7.9 | 7.9 | -5.1% | -5.1% | -6.2% | -6.2% | -5.0% | -5.0% | b |
| Falkland Islands (Malvinas) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Faroe Islands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Fiji | 2.8 | 2.4 | 2.4 | 2.3 | 2.3 | 2.1 | 2.1 | 2.1 | -1.6% | -1.6% | -0.9% | -0.9% | -3.4% | -3.4% | a |
| Finland | 6.6 | 6.2 | 6.2 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | -0.5% | -0.5% | -2.5% | -2.5% | -0.9% | -0.9% | b |
| France | 4.3 | 4.0 | 4.0 | 3.7 | 3.7 | 3.4 | 3.4 | 3.4 | -0.8% | -0.8% | -1.8% | -1.8% | -2.5% | -2.5% | b |
| French Guiana | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| French Polynesia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Gabon | 3.0 | 9.1 | 9.1 | 7.2 | 7.2 | 6.6 | 6.6 | 6.6 | 11.6% | 11.6% | -4.5% | -4.5% | -3.0% | -3.0% | b |
| Gambia | 3.1 | 2.9 | 2.9 | 3.3 | 3.3 | 3.0 | 3.0 | 3.0 | -0.6% | -0.6% | 2.3% | 2.3% | -3.5% | -3.5% | a |
| Georgia | 6.0 | 3.6 | 3.6 | 4.2 | 4.2 | 3.8 | 3.8 | 3.8 | -5.1% | -5.1% | 3.4% | 3.4% | -2.9% | -2.9% | b |
| Germany | 4.0 | 3.6 | 3.6 | 3.1 | 3.1 | 2.8 | 2.8 | 2.8 | -1.1% | -1.1% | -3.0% | -3.0% | -2.8% | -2.8% | b |
| Ghana | 5.0 | 3.4 | 3.4 | 3.1 | 3.1 | 2.7 | 2.7 | 2.7 | -3.7% | -3.7% | -2.4% | -2.4% | -4.4% | -4.4% | b |
| Gibraltar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b |
| Greece | 3.6 | 3.1 | 3.1 | 3.2 | 3.2 | 3.0 | 3.0 | 3.0 | -1.5% | -1.5% | 0.6% | 0.6% | -2.0% | -2.0% | b |
| Greenland | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |

| Country / region | 2000 | | | | | 2010-2018 | | | | | Source | |
|----------------------------------|------|------|------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | 2015-2018 | 2015-2018 | 2015-2018 | 2015-2018 | Source |
| Grenada | 2.5 | 2.8 | 2.5 | 2.5 | 1.4% | -2.6% | 0.8% | 0.8% | 0.8% | a | | |
| Guadeloupe | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Guam | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Guatemala | 4.0 | 4.1 | 4.2 | 4.3 | 0.3% | 0.1% | 0.8% | 0.8% | 0.8% | b | | |
| Guernsey | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Guinea | 9.1 | 7.7 | 6.4 | 5.5 | -1.6% | -3.8% | -4.6% | -4.6% | -4.6% | a | | |
| Guinea-Bissau | 11.2 | 10.5 | 9.7 | 8.7 | -0.6% | -1.6% | -3.6% | -3.6% | -3.6% | a | | |
| Guyana | 8.0 | 6.5 | 5.3 | 5.2 | -2.1% | -4.2% | -0.4% | -0.4% | -0.4% | a | | |
| Haiti | 8.3 | 10.0 | 9.3 | 9.8 | 1.9% | -1.3% | 1.6% | 1.6% | 1.6% | b | | |
| Honduras | 4.7 | 4.9 | 5.0 | 4.6 | 0.5% | 0.5% | -2.9% | -2.9% | -2.9% | b | | |
| Hungary | 5.2 | 4.5 | 3.9 | 3.7 | -1.4% | -3.0% | -1.8% | -1.8% | -1.8% | b | | |
| Iceland | 11.4 | 15.2 | 13.7 | 13.0 | 2.9% | -2.1% | -1.7% | -1.7% | -1.7% | b | | |
| India | 6.8 | 5.6 | 4.9 | 4.4 | -1.9% | -2.8% | -3.6% | -3.6% | -3.6% | b | | |
| Indonesia | 5.4 | 4.2 | 3.3 | 3.2 | -2.5% | -5.0% | -0.8% | -0.8% | -0.8% | b | | |
| Iran (Islamic Republic of) | 7.8 | 8.4 | 10.0 | 9.1 | 0.8% | 3.6% | -3.2% | -3.2% | -3.2% | b | | |
| Iraq | 5.5 | 5.7 | 5.4 | 6.6 | 0.4% | -1.3% | 7.1% | 7.1% | 7.1% | b | | |
| Ireland | 3.2 | 2.5 | 1.7 | 1.4 | -2.4% | -7.7% | -5.2% | -5.2% | -5.2% | b | | |
| Isle of Man | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Israel | 3.9 | 3.7 | 2.9 | 2.7 | -0.5% | -4.5% | -2.8% | -2.8% | -2.8% | b | | |
| Italy | 2.9 | 2.9 | 2.6 | 2.5 | -0.2% | -1.9% | -1.7% | -1.7% | -1.7% | b | | |
| Jamaica | 5.9 | 3.8 | 3.9 | 4.1 | -4.3% | 0.6% | 1.8% | 1.8% | 1.8% | b | | |
| Japan | 4.8 | 4.4 | 3.6 | 3.4 | -1.0% | -3.9% | -1.5% | -1.5% | -1.5% | b | | |
| Jersey | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Jordan | 4.6 | 3.7 | 3.9 | 3.9 | -2.3% | 1.2% | -0.2% | -0.2% | -0.2% | b | | |
| Kazakhstan | 9.8 | 8.6 | 5.4 | 6.8 | -1.3% | -8.7% | 7.8% | 7.8% | 7.8% | b | | |
| Kenya | 6.4 | 5.9 | 5.8 | 5.4 | -0.8% | -0.3% | -2.5% | -2.5% | -2.5% | b | | |
| Kiribati | 5.0 | 6.7 | 5.7 | 6.0 | 3.0% | -3.2% | 1.5% | 1.5% | 1.5% | a | | |
| Kuwait | 6.9 | 7.0 | 6.6 | 6.8 | 0.1% | -1.1% | 1.2% | 1.2% | 1.2% | b | | |
| Kyrgyzstan | 6.4 | 5.1 | 5.8 | 5.9 | -2.3% | 2.6% | 0.3% | 0.3% | 0.3% | b | | |
| Lao People's Democratic Republic | 3.8 | 3.3 | 3.8 | 5.8 | -1.3% | 2.9% | 14.6% | 14.6% | 14.6% | a | | |

| Country / region | 2000-2018 | | | | | 2010-2015 | | | 2015-2018 | | Source |
|----------------------------------|-----------|------|------|------|-----------|-----------|-----------|-----------|-----------|---|--------|
| | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | 2010-2015 | 2015-2018 | | |
| Latvia | 5.3 | 4.3 | 3.4 | 3.4 | -2.0% | -4.5% | -0.5% | -4.5% | -0.5% | b | |
| Lebanon | 3.7 | 2.8 | 3.3 | 3.4 | -2.9% | 3.3% | 0.9% | 3.3% | 0.9% | b | |
| Lesotho | 14.5 | 11.4 | 8.2 | 8.0 | -2.4% | -6.4% | -0.7% | -6.4% | -0.7% | a | |
| Liberia | 10.1 | 13.5 | 13.0 | 13.6 | 3.0% | -0.8% | 1.5% | -0.8% | 1.5% | a | |
| Libya | 7.4 | 6.1 | 11.1 | 7.5 | -1.9% | 12.7% | -12.4% | 12.7% | -12.4% | b | |
| Liechtenstein | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| Lithuania | 6.2 | 4.0 | 3.3 | 3.2 | -4.3% | -3.7% | -0.9% | -3.7% | -0.9% | b | |
| Luxembourg | 3.3 | 3.2 | 2.5 | 2.4 | -0.3% | -5.2% | -1.6% | -5.2% | -1.6% | b | |
| Madagascar | 6.0 | 6.1 | 6.7 | 7.8 | 0.1% | 1.9% | 5.4% | 1.9% | 5.4% | a | |
| Malawi | 7.4 | 5.4 | 4.7 | 4.7 | -3.1% | -2.8% | 0.0% | -2.8% | 0.0% | a | |
| Malaysia | 5.5 | 5.2 | 4.7 | 4.5 | -0.4% | -2.1% | -1.5% | -2.1% | -1.5% | b | |
| Maldives | 1.7 | 2.3 | 2.4 | 2.6 | 2.6% | 1.3% | 2.7% | 1.3% | 2.7% | a | |
| Mali | 4.8 | 4.9 | 5.2 | 4.8 | 0.1% | 1.4% | -3.1% | 1.4% | -3.1% | a | |
| Malta | 2.6 | 2.7 | 1.6 | 1.4 | 0.1% | -10.3% | -4.5% | -10.3% | -4.5% | b | |
| Marshall Islands | 9.1 | 10.4 | 10.6 | 10.1 | 1.3% | 0.5% | -1.8% | 0.5% | -1.8% | a | |
| Martinique | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| Mauritania | 2.5 | 2.7 | 2.9 | 3.4 | 0.7% | 1.9% | 4.4% | 1.9% | 4.4% | a | |
| Mauritius | 3.0 | 2.6 | 2.4 | 2.2 | -1.3% | -1.8% | -3.1% | -1.8% | -3.1% | b | |
| Mayotte | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| Mexico | 3.6 | 3.7 | 3.3 | 3.0 | 0.2% | -2.2% | -3.1% | -2.2% | -3.1% | b | |
| Micronesia (Federated States of) | 5.2 | 4.1 | 5.6 | 5.6 | -2.4% | 6.6% | -0.5% | 6.6% | -0.5% | a | |
| Mongolia | 9.2 | 8.1 | 5.9 | 6.4 | -1.3% | -6.2% | 2.6% | -6.2% | 2.6% | b | |
| Montenegro | .. | 4.6 | 3.7 | 3.4 | .. | -4.1% | -2.3% | -4.1% | -2.3% | b | |
| Montserrat | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | |
| Morocco | 3.6 | 3.5 | 3.3 | 3.2 | -0.4% | -1.2% | -1.0% | -1.2% | -1.0% | b | |
| Mozambique | 26.8 | 12.5 | 13.3 | 11.5 | -7.4% | 1.2% | -4.7% | 1.2% | -4.7% | b | |
| Myanmar | 10.5 | 3.7 | 3.4 | 3.7 | -10.0% | -1.4% | 2.5% | -1.4% | 2.5% | b | |
| Namibia | 3.6 | 3.6 | 3.4 | 3.5 | 0.0% | -1.5% | 1.5% | -1.5% | 1.5% | b | |
| Nauru | 16.2 | 8.7 | 5.4 | 5.1 | -6.0% | -9.3% | -1.4% | -9.3% | -1.4% | a | |
| Nepal | 7.8 | 6.7 | 6.2 | 6.4 | -1.5% | -1.5% | 1.0% | -1.5% | 1.0% | b | |
| Netherlands | 4.1 | 4.0 | 3.4 | 3.1 | -0.3% | -3.4% | -2.1% | -3.4% | -2.1% | b | |

| Country / region | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | Source |
|--------------------------|---------------|------|------|------|-----------|-----------|-----------|--------|
| | New Caledonia | .. | .. | .. | .. | .. | .. | .. |
| New Zealand | 5.8 | 4.8 | 4.7 | 4.2 | -1.9% | -0.5% | -3.7% | b |
| Nicaragua | 5.2 | 4.7 | 4.5 | 4.5 | -1.0% | -1.0% | 0.2% | b |
| Niger | 5.8 | 5.5 | 5.5 | 5.2 | -0.6% | 0.0% | -2.0% | b |
| Nigeria | 10.0 | 6.8 | 6.1 | 6.6 | -3.8% | -2.3% | 2.9% | b |
| Niue | .. | .. | .. | .. | .. | .. | .. | a |
| North Macedonia | 5.4 | 4.4 | 3.6 | 3.3 | -2.2% | -3.9% | -3.1% | b |
| Northern Mariana Islands | .. | .. | .. | .. | .. | .. | .. | a |
| Norway | 4.4 | 4.6 | 3.8 | 3.5 | 0.6% | -3.8% | -2.6% | b |
| Oman | 4.1 | 7.3 | 8.2 | 7.8 | 6.0% | 2.3% | -1.9% | b |
| Pakistan | 5.8 | 5.1 | 4.7 | 4.6 | -1.2% | -1.6% | -0.5% | b |
| Palau | 11.1 | 10.7 | 8.6 | 9.2 | -0.4% | -4.2% | 2.1% | a |
| Panama | 2.3 | 1.9 | 1.5 | 1.4 | -2.0% | -3.7% | -3.2% | b |
| Papua New Guinea | 5.9 | 5.6 | 4.9 | 4.6 | -0.4% | -2.9% | -2.2% | a |
| Paraguay | 3.6 | 3.1 | 3.0 | 3.4 | -1.3% | -0.7% | 4.0% | b |
| Peru | 3.3 | 2.5 | 2.6 | 2.6 | -2.7% | 0.4% | 0.3% | b |
| Philippines | 4.8 | 3.0 | 2.9 | 2.8 | -4.5% | -1.0% | -1.5% | b |
| Poland | 6.0 | 4.6 | 3.8 | 3.7 | -2.6% | -4.0% | -0.7% | b |
| Portugal | 3.3 | 2.9 | 2.9 | 2.6 | -1.2% | -0.5% | -2.6% | b |
| Puerto Rico | 0.1 | 0.2 | 0.5 | 0.5 | 7.5% | 14.8% | 1.1% | a |
| Qatar | 8.5 | 6.1 | 6.2 | 6.9 | -3.3% | 0.5% | 3.6% | b |
| Republic of Korea | 7.3 | 6.1 | 5.8 | 5.5 | -1.7% | -1.3% | -1.7% | b |
| Republic of Moldova | 8.1 | 6.4 | 5.3 | 5.1 | -2.4% | -3.7% | -1.3% | b |
| Réunion | .. | .. | .. | .. | .. | .. | .. | a |
| Romania | 5.6 | 3.6 | 2.8 | 2.5 | -4.4% | -4.7% | -3.5% | b |
| Russian Federation | 12.1 | 8.4 | 7.8 | 8.1 | -3.6% | -1.6% | 1.6% | b |
| Rwanda | 7.8 | 5.6 | 4.5 | 3.9 | -3.3% | -3.9% | -4.7% | a |
| Saint Helena | .. | .. | .. | .. | .. | .. | .. | a |
| Saint Kitts and Nevis | 3.1 | 2.7 | 2.6 | 2.6 | -1.2% | -1.3% | 0.4% | a |
| Saint Lucia | 3.1 | 3.2 | 3.0 | 2.9 | 0.4% | -0.9% | -1.9% | a |

| Country / region | 2000 | | | | | 2010-2018 | | | | | Source |
|----------------------------------|------|------|------|------|-----------|-----------|-----------|-----------|-----------|-------|--------|
| | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | 2010-2015 | 2015-2018 | | |
| Saint Pierre and Miquelon | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| Saint Vincent and the Grenadines | 2.4 | 2.7 | 2.7 | 2.7 | 1.1% | 0.0% | -0.6% | 0.0% | -0.6% | -0.6% | a |
| Samoa | 5.3 | 3.7 | 4.3 | 4.2 | -3.4% | 2.8% | -0.5% | 2.8% | -0.5% | -0.5% | a |
| Sao Tome and Principe | 4.6 | 4.0 | 3.7 | 3.5 | -1.4% | -1.8% | -1.1% | -1.8% | -1.1% | -1.1% | a |
| Saudi Arabia | 4.7 | 6.1 | 5.8 | 5.6 | 2.6% | -0.8% | -1.5% | -0.8% | -1.5% | -1.5% | b |
| Senegal | 4.3 | 4.8 | 4.2 | 3.6 | 1.1% | -2.5% | -4.6% | -2.5% | -4.6% | -4.6% | b |
| Serbia | 8.5 | 6.2 | 5.6 | 5.3 | -3.1% | -2.0% | -1.9% | -2.0% | -1.9% | -1.9% | b |
| Seychelles | 2.9 | 3.3 | 2.8 | 2.9 | 1.2% | -2.9% | 0.7% | -2.9% | 0.7% | 0.7% | a |
| Sierra Leone | 11.1 | 6.6 | 6.0 | 5.4 | -5.1% | -1.8% | -3.5% | -1.8% | -3.5% | -3.5% | a |
| Singapore | 3.5 | 2.5 | 2.7 | 2.9 | -3.3% | 1.6% | 2.2% | 1.6% | 2.2% | 2.2% | b |
| Sint Maarten (Dutch part) | .. | .. | 8.3 | 9.5 | .. | .. | 4.4% | .. | .. | 4.4% | a |
| Slovakia | 8.6 | 5.3 | 4.3 | 4.2 | -4.7% | -4.2% | -1.1% | -4.2% | -1.1% | -1.1% | b |
| Slovenia | 5.1 | 4.5 | 3.9 | 3.7 | -1.3% | -2.6% | -2.1% | -2.6% | -2.1% | -2.1% | b |
| Solomon Islands | 7.9 | 7.3 | 5.5 | 4.9 | -0.7% | -5.7% | -3.7% | -5.7% | -3.7% | -3.7% | a |
| Somalia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a |
| South Africa | 10.1 | 8.8 | 7.6 | 7.7 | -1.3% | -3.0% | 0.5% | -3.0% | 0.5% | 0.5% | b |
| South Sudan | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b |
| Spain | 3.6 | 3.1 | 2.9 | 2.8 | -1.6% | -1.4% | -0.9% | -1.4% | -0.9% | -0.9% | b |
| Sri Lanka | 3.1 | 2.2 | 1.9 | 1.8 | -3.4% | -2.5% | -3.3% | -2.5% | -3.3% | -3.3% | b |
| State of Palestine | 2.8 | 2.8 | 3.1 | 2.9 | 0.1% | 1.4% | -2.3% | 1.4% | -2.3% | -2.3% | a |
| Sudan | 7.3 | 4.6 | 4.7 | 4.5 | -4.5% | 0.5% | -1.8% | 0.5% | -1.8% | -1.8% | b |
| Suriname | 4.6 | 3.3 | 4.0 | 4.1 | -3.3% | 3.7% | 1.0% | 3.7% | 1.0% | 1.0% | b |
| Sweden | 5.4 | 4.7 | 3.7 | 3.9 | -1.5% | -4.8% | 1.6% | -4.8% | 1.6% | 1.6% | b |
| Switzerland | 2.5 | 2.2 | 1.9 | 1.7 | -1.4% | -3.0% | -2.5% | -3.0% | -2.5% | -2.5% | b |
| Syrian Arab Republic | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b |
| Tajikistan | 11.6 | 5.4 | 4.8 | 5.0 | -7.4% | -2.0% | 1.1% | -2.0% | 1.1% | 1.1% | b |
| Thailand | 4.9 | 5.1 | 5.1 | 4.5 | 0.4% | 0.0% | -3.8% | 0.0% | -3.8% | -3.8% | b |
| Timor-Leste | .. | 1.4 | 2.0 | 2.0 | 7.8% | 7.8% | 0.2% | 7.8% | 0.2% | 0.2% | a |
| Togo | 14.0 | 16.6 | 12.2 | 11.3 | 1.7% | -6.0% | -2.5% | -6.0% | -2.5% | -2.5% | b |
| Tonga | 3.0 | 2.9 | 2.8 | 3.0 | -0.1% | -1.2% | 2.9% | -1.2% | 2.9% | 2.9% | a |

| Country / region | 2000-2010 | | | | | 2010-2015 | | | | | 2015-2018 | | | | | Source |
|--|-----------|------|------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|--|--------|
| | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | 2010-2015 | 2015-2018 | 2010-2015 | 2015-2018 | 2010-2015 | 2015-2018 | | | |
| Trinidad and Tobago | 19.5 | 21.6 | 19.8 | 19.5 | 1.0% | -1.7% | -0.6% | 19.5 | 19.5 | 1.0% | -1.7% | -0.6% | -0.6% | b | | |
| Tunisia | 4.3 | 4.0 | 3.9 | 3.9 | -0.7% | -0.7% | -0.1% | 3.9 | 3.9 | -0.7% | -0.7% | -0.1% | -0.1% | b | | |
| Turkey | 3.3 | 3.1 | 2.6 | 2.6 | -0.7% | -2.9% | -0.6% | 2.6 | 2.6 | -0.7% | -2.9% | -0.6% | -0.6% | b | | |
| Turkmenistan | 29.9 | 21.7 | 16.0 | 13.3 | -3.2% | -5.9% | -5.9% | 13.3 | 13.3 | -3.2% | -5.9% | -5.9% | -5.9% | b | | |
| Turks and Caicos Islands | 2.1 | 3.4 | 3.3 | 3.3 | 4.8% | -0.4% | -0.1% | 3.3 | 3.3 | 4.8% | -0.4% | -0.1% | -0.1% | a | | |
| Tuvalu | 3.4 | 3.9 | 2.7 | 3.0 | 1.3% | -7.3% | 3.7% | 3.0 | 3.0 | 1.3% | -7.3% | 3.7% | 3.7% | a | | |
| Uganda | 13.4 | 10.7 | 10.3 | 10.1 | -2.2% | -0.8% | -0.5% | 10.1 | 10.1 | -2.2% | -0.8% | -0.5% | -0.5% | a | | |
| Ukraine | 15.8 | 10.3 | 8.1 | 7.5 | -4.2% | -4.7% | -2.4% | 7.5 | 7.5 | -4.2% | -4.7% | -2.4% | -2.4% | b | | |
| United Arab Emirates | 4.1 | 5.5 | 5.3 | 4.4 | 2.9% | -0.8% | -5.8% | 4.4 | 4.4 | 2.9% | -0.8% | -5.8% | -5.8% | b | | |
| United Kingdom of Great Britain and Northern Ireland | 4.2 | 3.2 | 2.6 | 2.4 | -2.5% | -4.2% | -2.9% | 2.4 | 2.4 | -2.5% | -4.2% | -2.9% | -2.9% | b | | |
| United Republic of Tanzania | 12.3 | 8.3 | 7.0 | 6.2 | -3.8% | -3.3% | -4.1% | 6.2 | 6.2 | -3.8% | -3.3% | -4.1% | -4.1% | b | | |
| United States of America | 6.7 | 5.5 | 4.9 | 4.7 | -2.0% | -2.4% | -1.5% | 4.7 | 4.7 | -2.0% | -2.4% | -1.5% | -1.5% | b | | |
| United States Virgin Islands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Uruguay | 2.9 | 2.9 | 3.0 | 3.0 | -0.3% | 0.9% | -0.3% | 3.0 | 3.0 | -0.3% | 0.9% | -0.3% | -0.3% | b | | |
| Uzbekistan | 31.0 | 15.5 | 8.7 | 8.7 | -6.7% | -10.9% | 0.3% | 8.7 | 8.7 | -6.7% | -10.9% | 0.3% | 0.3% | b | | |
| Vanuatu | 3.6 | 3.5 | 3.5 | 3.8 | -0.3% | -0.2% | 2.6% | 3.8 | 3.8 | -0.3% | -0.2% | 2.6% | 2.6% | a | | |
| Venezuela (Bolivarian Republic of) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b | | |
| Viet Nam | 5.1 | 5.5 | 5.1 | 4.8 | 0.7% | -1.3% | -2.0% | 4.8 | 4.8 | 0.7% | -1.3% | -2.0% | -2.0% | b | | |
| Wallis and Futuna Islands | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | a | | |
| Yemen | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | b | | |
| Zambia | 12.7 | 8.7 | 8.5 | 8.6 | -3.7% | -0.5% | 0.4% | 8.6 | 8.6 | -3.7% | -0.5% | 0.4% | 0.4% | b | | |
| Zimbabwe | 10.2 | 14.1 | 11.6 | 11.0 | 3.3% | -3.8% | -1.6% | 11.0 | 11.0 | 3.3% | -3.8% | -1.6% | -1.6% | b | | |
| World | 6.2 | 5.6 | 5.0 | 4.8 | -1.0% | -2.2% | -1.7% | 4.8 | 4.8 | -1.0% | -2.2% | -1.7% | -1.7% | c | | |
| Northern America (M49) and Europe (M49) | 5.9 | 5.0 | 4.4 | 4.3 | -1.8% | -2.3% | -1.2% | 4.3 | 4.3 | -1.8% | -2.3% | -1.2% | -1.2% | c | | |
| Northern America (M49) | 6.9 | 5.7 | 5.1 | 4.8 | -2.0% | -2.2% | -1.4% | 4.8 | 4.8 | -2.0% | -2.2% | -1.4% | -1.4% | c | | |
| Europe (M49) | 5.2 | 4.5 | 3.9 | 3.8 | -1.5% | -2.6% | -1.1% | 3.8 | 3.8 | -1.5% | -2.6% | -1.1% | -1.1% | c | | |
| Latin America and the Caribbean (MDG=M49) | 3.7 | 3.6 | 3.5 | 3.4 | -0.4% | -0.4% | -1.6% | 3.4 | 3.4 | -0.4% | -0.4% | -1.6% | -1.6% | c | | |

| Country / region | 2000-2018 | | | | | Source | |
|---|-----------|------|------|------|-----------|--------|-----------|
| | 2000 | 2010 | 2015 | 2018 | 2010-2015 | | 2015-2018 |
| Central Asia (M49) and Southern Asia (MDG=M49) | 7.1 | 6.1 | 5.3 | 4.9 | -2.5% | -2.7% | c |
| Central Asia (M49) | 16.7 | 11.0 | 7.3 | 7.9 | -4.1% | 2.7% | c |
| Southern Asia (MDG=M49) | 6.5 | 5.7 | 5.2 | 4.7 | -1.3% | -3.2% | c |
| Eastern Asia (M49) and South-eastern Asia (MDG=M49) | 7.0 | 6.7 | 5.7 | 5.2 | -0.5% | -3.0% | c |
| Eastern Asia (M49) | 7.6 | 7.4 | 6.2 | 5.6 | -0.3% | -3.3% | c |
| South-eastern Asia (MDG=M49) | 5.2 | 4.3 | 3.8 | 3.7 | -1.7% | -1.4% | c |
| Western Asia (M49) and Northern Africa (M49) | 4.4 | 4.6 | 4.4 | 4.3 | 0.4% | -1.0% | c |
| Western Asia (M49) | 4.5 | 4.8 | 4.5 | 4.3 | 0.7% | -1.1% | c |
| Northern Africa (M49) | 4.2 | 4.1 | 4.2 | 4.1 | 0.6% | -0.5% | c |
| Sub-Saharan Africa (M49) | 9.0 | 7.2 | 6.4 | 6.4 | -2.3% | -0.1% | c |
| Oceania (M49) | 6.0 | 5.2 | 4.6 | 4.3 | -1.5% | -2.4% | c |
| Oceania (M49) excluding Australia and New Zealand (M49) | 5.1 | 4.8 | 4.3 | 4.0 | -0.4% | -2.3% | c |
| Australia and New Zealand (M49) | 6.1 | 5.2 | 4.6 | 4.3 | -1.5% | -2.5% | c |
| Least Developed Countries (LDCs) | 7.7 | 5.6 | 5.3 | 5.0 | -3.1% | -1.5% | c |
| Small island developing States (SIDS) | 4.0 | 3.5 | 3.4 | 3.3 | -1.1% | -0.6% | c |
| Landlocked developing countries (LLDCs) | 11.5 | 8.1 | 6.4 | 6.5 | -4.6% | 0.9% | c |
| Africa (M49) | 7.0 | 6.0 | 5.6 | 5.6 | -1.6% | -0.3% | c |
| Asia (M49) | 6.7 | 6.3 | 5.5 | 5.1 | -0.6% | -2.7% | c |
| Americas (m49) | 6.0 | 5.0 | 4.6 | 4.4 | -1.8% | -1.4% | c |
| Caribbean (M49) | .. | .. | .. | .. | .. | .. | .. |
| Central America (M49) | 3.6 | 3.6 | 3.3 | 3.0 | 0.2% | -2.8% | c |
| Eastern Africa (M49) | 11.2 | 8.8 | 7.8 | 7.2 | -2.4% | -2.6% | c |
| Eastern Europe (M49) | 10.3 | 7.2 | 6.3 | 6.3 | -3.5% | 0.1% | c |
| Melanesia (M49) | 5.0 | 4.8 | 4.3 | 4.0 | -0.3% | -2.5% | c |

| Country / region | 2000 | | | | | 2010-2018 | | | | | Source |
|---------------------------------|------|------|------|------|-----------|-----------|-----------|---|--|--|--------|
| | 2000 | 2010 | 2015 | 2018 | 2000-2010 | 2010-2015 | 2015-2018 | | | | |
| Micronesia (M49) | 8.0 | 7.6 | 7.2 | 7.4 | -0.6% | -0.9% | 0.5% | c | | | |
| Middle Africa (M49) | 6.5 | 5.2 | 5.6 | 5.7 | -2.2% | 1.4% | 0.7% | c | | | |
| Northern Europe (M49) | 4.4 | 3.7 | 2.9 | 2.8 | -1.8% | -4.3% | -2.0% | c | | | |
| Polynesia (M49) | .. | .. | .. | .. | .. | .. | .. | c | | | |
| South America (M49) | 3.7 | 3.5 | 3.6 | 3.5 | -0.7% | 0.5% | -0.9% | c | | | |
| Southern Africa (M49) | 9.7 | 8.4 | 7.2 | 7.3 | -1.4% | -3.1% | 0.4% | c | | | |
| Southern Europe (M49) | 3.4 | 3.1 | 2.9 | 2.7 | -0.8% | -1.5% | -1.4% | c | | | |
| Western Africa (M49) | 8.1 | 6.3 | 5.6 | 5.7 | -2.5% | -2.3% | 0.9% | c | | | |
| Western Europe (M49) | 4.1 | 3.7 | 3.3 | 3.0 | -0.9% | -2.7% | -2.5% | c | | | |
| Developing regions (MDG) | 6.4 | 6.0 | 5.4 | 5.0 | -0.6% | -2.2% | -2.4% | c | | | |
| Developed regions (MDG) | 5.8 | 4.9 | 4.3 | 4.2 | -1.7% | -2.5% | -1.3% | c | | | |
| Northern Africa (MDG) | 3.9 | 4.0 | 4.2 | 4.1 | 0.2% | 0.6% | -0.3% | c | | | |
| Sub-Saharan Africa (MDG) | 8.9 | 7.0 | 6.4 | 6.3 | -2.4% | -2.0% | -0.2% | c | | | |
| Eastern Asia (MDG) | 9.8 | 8.4 | 6.9 | 6.1 | -1.5% | -3.8% | -4.0% | c | | | |
| Western Asia (MDG) | 4.4 | 4.9 | 4.6 | 4.4 | 1.1% | -1.3% | -1.0% | c | | | |
| Oceania (MDG) | 5.1 | 4.8 | 4.3 | 4.0 | -0.4% | -2.2% | -2.3% | c | | | |
| Caucasus and Central Asia (MDG) | 15.5 | 9.1 | 6.6 | 7.1 | -5.1% | -6.4% | 2.4% | c | | | |

REFERENCE

a. Source: Energy Balances, UN Statistics Division (2019)

b. Source: IEA (2019), World Energy Balances

c. Source: IEA (2019), World Energy Balances; Energy Balances, UN Statistics Division (2019)

DEFINITIONS

Energy intensity: Energy intensity is defined as the energy supplied to the economy per unit value of economic output.

SDG7.A.1 INTERNATIONAL FINANCIAL FLOWS TO DEVELOPING COUNTRIES IN SUPPORT OF CLEAN ENERGY

Source: International Renewable Energy Agency, Organisation for Economic Co-operation and Development

| Country / region | International Commitments (2018 USD Millions) | | | |
|----------------------------------|---|--------|--------|--------|
| | 2000 | 2010 | 2015 | 2018 |
| Afghanistan | 0.03 | 37.07 | 5.01 | 72.49 |
| Algeria | | 0.41 | 0.89 | 0.05 |
| Angola | | 0.02 | 0.02 | 0.12 |
| Anguilla | | 0.05 | | |
| Antigua and Barbuda | | | 7.29 | |
| Argentina | | 1.07 | 111.67 | 497.82 |
| Armenia | | 94.70 | 23.64 | 28.22 |
| Azerbaijan | 4.80 | 190.37 | 78.94 | |
| Bahamas | | | | 0.11 |
| Bangladesh | 3.09 | 0.19 | 7.89 | 241.14 |
| Barbados | | | 0.08 | 0.05 |
| Belize | | | 0.02 | 16.54 |
| Benin | | 0.17 | 583.81 | 1.92 |
| Bhutan | 5.10 | 23.25 | 128.23 | 0.12 |
| Bolivia (Plurinational State of) | 0.09 | 5.24 | 1.99 | 83.50 |
| Botswana | 0.03 | 10.07 | | 0.01 |
| Brazil | 128.39 | 146.86 | 2.28 | 385.43 |
| Burkina Faso | 0.13 | 1.37 | 27.22 | 35.90 |
| Burundi | | 13.39 | 2.51 | 10.00 |
| Cabo Verde | | 71.19 | 3.28 | |
| Cambodia | | 701.39 | 8.21 | 16.06 |
| Cameroon | | 55.65 | 2.10 | 698.11 |
| Central African Republic | | | 9.62 | 3.80 |
| Chad | | | 0.02 | |
| Chile | 0.45 | 3.26 | 110.49 | |
| China | 247.45 | 78.65 | 93.54 | 325.50 |
| Colombia | | 3.50 | 23.08 | 147.04 |
| Comoros | | | 1.00 | |
| Congo | 0.16 | | | 21.03 |
| Cook Islands | | | 18.41 | |

| Country / region | International Commitments (2018 USD Millions) | | | |
|---------------------------------------|---|----------|--------|----------|
| | 2000 | 2010 | 2015 | 2018 |
| Costa Rica | 0.10 | 7.51 | 443.46 | 29.63 |
| Côte d'Ivoire | 14.19 | 0.91 | 0.84 | 31.98 |
| Cuba | 0.82 | 4.30 | 78.95 | 7.36 |
| Democratic People's Republic of Korea | | | 0.00 | 0.67 |
| Democratic Republic of the Congo | | 0.42 | 0.62 | 0.08 |
| Djibouti | | 12.69 | 0.92 | 31.00 |
| Dominica | | | | 1.70 |
| Dominican Republic | 11.37 | 79.79 | 0.08 | 0.37 |
| Ecuador | 2.27 | 2,899.85 | 31.63 | 0.95 |
| Egypt | 10.61 | 1,031.20 | 245.03 | 107.86 |
| El Salvador | | 57.31 | 78.09 | 59.49 |
| Equatorial Guinea | | | 0.02 | |
| Eritrea | | 0.06 | 115.57 | 0.03 |
| Eswatini | | | 1.06 | |
| Ethiopia | 1.54 | 94.01 | 325.05 | 34.69 |
| Fiji | | | 1.71 | 6.00 |
| Gabon | | 6.13 | 13.31 | 0.02 |
| Gambia | | | | 129.23 |
| Georgia | | 8.27 | 7.03 | 47.24 |
| Ghana | 4.23 | 24.98 | 62.57 | 28.54 |
| Grenada | | | 1.78 | |
| Guatemala | | 9.45 | 0.02 | 11.72 |
| Guinea | 0.21 | | 1.24 | 1,175.48 |
| Guinea-Bissau | | 0.02 | | 4.67 |
| Guyana | | 1.20 | 1.49 | 31.05 |
| Haiti | 0.84 | 2.36 | 49.57 | 0.78 |
| Honduras | 34.04 | 131.12 | 373.74 | 85.43 |
| India | 493.09 | 315.53 | 929.76 | 2,133.78 |
| Indonesia | 2.31 | 46.92 | 387.78 | 1,076.35 |
| Iran (Islamic Republic of) | 61.11 | 0.00 | 0.20 | 0.07 |
| Iraq | | 155.58 | | |

| Country / region | International Commitments (2018 USD Millions) | | | |
|----------------------------------|---|--------|--------|--------|
| | 2000 | 2010 | 2015 | 2018 |
| Jamaica | 5.31 | 0.18 | 61.16 | 72.97 |
| Jordan | | 6.77 | 169.58 | 92.06 |
| Kazakhstan | | 1.39 | 49.28 | 334.02 |
| Kenya | 0.09 | 737.87 | 558.56 | 257.55 |
| Kiribati | | 1.00 | | 0.90 |
| Kyrgyzstan | 8.59 | 1.59 | 0.02 | 0.08 |
| Lao People's Democratic Republic | | 10.65 | 87.41 | 401.83 |
| Lebanon | | 1.72 | 38.04 | 6.44 |
| Lesotho | | 0.04 | 0.04 | 69.90 |
| Liberia | | | 252.13 | 6.52 |
| Madagascar | | | 4.87 | 5.41 |
| Malawi | 6.96 | 14.93 | 62.38 | 16.84 |
| Malaysia | 138.61 | 0.14 | 0.18 | 0.05 |
| Maldives | 5.01 | 9.54 | 6.31 | 5.90 |
| Mali | 3.59 | 0.02 | 9.60 | 21.59 |
| Marshall Islands | | | 4.21 | |
| Mauritania | | | 0.12 | 0.01 |
| Mauritius | | 2.07 | 9.76 | |
| Mexico | 2.41 | 47.98 | 211.11 | 387.84 |
| Micronesia (Federated States of) | | | 4.14 | 10.20 |
| Mongolia | 5.31 | 11.97 | 0.88 | 91.38 |
| Montserrat | | | 2.04 | |
| Morocco | 0.28 | 8.42 | 240.26 | 836.34 |
| Mozambique | 0.05 | 96.15 | 65.55 | 1.93 |
| Myanmar | | 0.09 | 58.97 | 18.87 |
| Namibia | 0.11 | 48.33 | | 43.70 |
| Nauru | | | 8.91 | |
| Nepal | 12.03 | 23.73 | 15.50 | 15.59 |
| Nicaragua | 0.03 | 134.67 | 68.56 | 20.14 |
| Niger | 0.19 | | | 29.20 |
| Nigeria | | 0.58 | 46.76 | 96.64 |

| Country / region | International Commitments (2018 USD Millions) | | | |
|---|---|--------|----------|--------|
| | 2000 | 2010 | 2015 | 2018 |
| Niue | | | 0.01 | |
| Pakistan | 0.04 | 268.77 | 4,192.78 | 101.09 |
| Palau | | | 5.27 | |
| Panama | | 9.37 | 47.59 | 0.06 |
| Papua New Guinea | | | 8.62 | 0.14 |
| Paraguay | | 0.09 | | 133.00 |
| Peru | 1.11 | 7.96 | 86.23 | 70.94 |
| Philippines | 12.30 | 7.31 | 23.16 | 181.38 |
| Residual/unallocated ODA: Central Asia and Southern Asia | 3.57 | 17.13 | 53.83 | 23.96 |
| Residual/unallocated ODA: Eastern and South-eastern Asia | | 7.12 | 0.56 | 2.77 |
| Residual/unallocated ODA: Latin America and the Caribbean | 2.34 | 10.34 | 114.53 | 242.85 |
| Residual/unallocated ODA: Oceania excl. Aus. and N. Zealand | | 0.83 | 2.03 | 0.36 |
| Residual/unallocated ODA: Sub-Saharan Africa | 10.58 | 24.66 | 154.36 | 172.74 |
| Residual/unallocated ODA: Western Asia and Northern Africa | | 7.48 | 37.90 | 14.43 |
| Réunion | | | 1.66 | |
| Rwanda | 0.15 | 2.19 | | 16.14 |
| Saint Helena | | | 1.45 | |
| Saint Lucia | | | 0.01 | |
| Samoa | | 0.21 | 0.01 | |
| Sao Tome and Principe | | 0.13 | 0.37 | |
| Senegal | 0.16 | 1.11 | 33.14 | 52.95 |
| Seychelles | | | 0.04 | |
| Sierra Leone | | 9.45 | | 0.24 |
| Solomon Islands | | | 6.97 | 21.06 |
| Somalia | | | 0.33 | 3.47 |
| South Africa | 0.38 | 265.36 | 725.35 | 358.63 |
| South Sudan | | | 0.07 | 0.29 |
| Sri Lanka | 1.56 | 43.83 | 0.46 | 206.09 |
| State of Palestine | 0.04 | 1.41 | 23.35 | 37.50 |
| Sudan | | 86.86 | 0.03 | 2.52 |
| Suriname | | | | 0.29 |