Statistical Perspectives 2019 Sustainable Energy in Asia and the Pacific



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Statistical Perspectives 2019 Sustainable Energy in Asia and the Pacific A statistical overview of energy and development

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This publication is for reference only. Graphs and charts are based on data sources consulted for this publication. Additional data sources may exist that are not represented. In some cases, data sets may not be complete. ESCAP cannot confirm methodologies of third-party data sources.

Data is not available for all countries for all indicators. Due to data limitations, only selected countries are used in several of the statistical representations. Due to the numerous sources used, the year of the latest data available varies.

Data presented in map formats are provided as illustrative charts. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion on the part of the United Nations concerning the legal status of any country, territory, city or area, or of its authorities, or concerning the delimitation of its frontier or boundaries.

Due to space limitations, data sources for all charts are presented at the end of the publication.

Data sources include British Petroleum, ESCAP, the International Energy Agency, the International Renewable Energy Agency, Frankfurt School-UNEP Centre/BNEF, the German Agency for International Cooperation (GIZ), the United Nations Development Programme, the United Nations Statistics Division, UN Comtrade, the World Bank, and the World Health Organization. Much of the presented data and information is available from the ESCAP Asia-Pacific Energy Portal, located at: www.asiapacificenergy.org.

This publication was prepared by Kim Roseberry in collaboration with Kira Lamont and Gennady Fedorov. Review and inputs were provided by the members of the ESCAP Energy Division. Accuracy of content is the sole responsibility of the authors.

Abbreviations used in this publication

- Asia-Pacific The Asia-Pacific region is comprised of the following economies: Afghanistan, American Samoa, Armenia, Australia, Azerbaijan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, the Cook Islands, the Democratic People's Republic of Korea, Fiji, French Polynesia, Georgia, Guam, Hong Kong (China), India, Indonesia, the Islamic Republic of Iran, Japan, Kazakhstan, Kiribati, Kyrgyzstan, the Lao People's Democratic Republic, Macao (China), Malaysia, Maldives, the Marshall Islands, the Federated States of Micronesia, Mongolia, Myanmar, Nauru, Nepal, New Caledonia, New Zealand, Niue, the Northern Mariana Islands, Pakistan, Palau, Papua New Guinea, the Philippines, the Republic of Korea, the Russian Federation, Samoa, Singapore, Solomon Islands, Sri Lanka, Tajikistan, Thailand, Timor-Leste, Tonga, Turkey, Turkmenistan, Tuvalu, Uzbekistan, Vanuatu, and Viet Nam.
 - CO, Carbon dioxide
 - GDP Gross domestic product
 - GHG Greenhouse gas
 - GNI Gross national income
 - GW Gigawatt
 - GWh Gigawatt hour
 - HDI Human Development Index
 - koe Kilogrammes oil equivalent

ktoe	Thousand tonnes oil equivalent
kW	Kilowatt
kWp	kilowattpeak
MJ	Megajoules
mtoe	Million tonnes oil equivalent
MW	Megawatt
MWh	Megawatt hour
PM2.5	Atmospheric particulate matter of less than 2.5 micrometres in diameter
рр	Percentage points
PPP	Purchasing power parity
RISE	Regulatory Indicators for Sustainable Energy
TFEC	Total final energy consumption
toe	Tonnes oil equivalent
\$	US Dollar
μq	Microgrammes

ESCAP ASIA-PACIFIC REGIONAL MEMBER AND ASSOCIATE MEMBER STATES

The Economic and Social Commission for Asia and the Pacific (ESCAP) serves as the United Nations' regional hub promoting cooperation among countries to achieve inclusive and sustainable development. The largest regional intergovernmental platform with 53 Member States and 9 Associate Members, ESCAP has emerged as a strong regional think-tank offering countries sound analytical products that shed insight into the evolving economic, social and environmental dynamics of the region. The Commission's strategic focus is to deliver on the 2030 Agenda for Sustainable Development, which it does by reinforcing and deepening regional cooperation and integration to advance connectivity, financial cooperation and market integration. ESCAP's research and analysis coupled with its policy advisory services, capacity building and technical assistance to governments aims to support countries' sustainable and inclusive development ambitions.

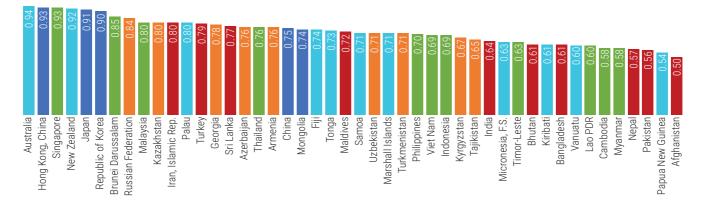
The colored areas of the map indicate ESCAP members and associate members. Information and statistics presented in this publication include only those member and associate member States located in the Asia-Pacific region.

East & North-East Asia	North & Central Asia	Pacific		South & South-West Asia	South-East Asia
China Democratic People's Republic of Korea Hong Kong, China* Japan Macao, China* Republic of Korea Mongolia	Azerbaijan Georgia Kazakhstan Russian Federation Tajikistan Turkmenistan Uzbekistan	American Samoa* Australia Cook Islands* Federated States of Micronesia Fiji French Polynesia* Guam* Kiribati Marshall Islands Nauru	New Caledonia* New Zealand Niue* Northern Mariana Islands* Palau Papua New Guinea Samoa Solomon Islands Tonga Tuvalu Vanuatu	Afghanistan Bangladesh Bhutan India Islamic Republic of Iran Maldives Nepal Pakistan Sri Lanka Turkey	Brunei Darussalam Cambodia Lao People's Democratic Republic Malaysia Myanmar Philippines Singapore Thailand Timor-Leste Viet Nam
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The Human Development Index, produced by the United Nations Development Programme, offers a broad measure of human development.

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