



16<sup>th</sup> APEC Expert Group on Energy Data and Analysis (EGEDA) Workshop  
Tokyo, Japan, 10-12 July 2018

## 5.5 EGEDA website

Yusuke Kimura  
Energy Statistics and Training Office (ESTO)  
Asia Pacific Energy Research Centre



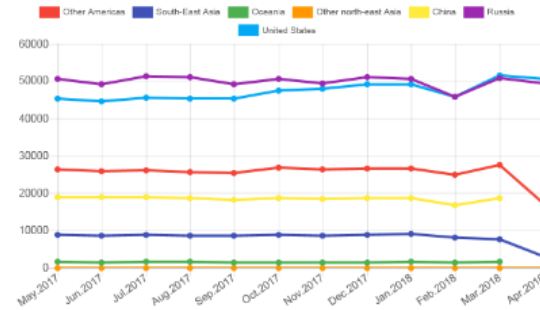
**Asia-Pacific  
Economic Cooperation**



egeda apec



Crude oil production by region (1000 kl)



Natural gas production by region >>

How to use charts



## Database

<b>Updating Information</b>	<b>Annual Data</b> Energy Balance Electricity Others	<b>Quarterly Data</b> New Format Old Format Others
<b>Monthly Data</b> Oil Gas	<b>Environment</b> CO <sub>2</sub> Emissions	<b>Members Only</b> Table for Members (ID and password required)



Database Information

Processing Information

Standardisation

## Updates

- **JODI-Gas World Database** updated with March 2018 data as the most recent data [21 May 2018] **NEW!**
- **JODI-Oil World Database** updated with March 2018 data as the most recent data [17 May 2018] **NEW!**
- Short-term energy statistics course to be held on 20-31 August 2018 **NEW!**
- **JODI Oil report** released in May 2018 **NEW!**
- 16th APEC Workshop on Energy Statistics to be held in Tokyo on 10-12 July 2018 **NEW!**
- JODI Information Seminar / Energy Data Transparency Exhibition held in New Delhi on 10-12 April **NEW!**
- 29th EGEDA Meeting held in Canberra on 7-9 November 2017
- Energy Statistics 2015 publications released on 31 October 2017 with 2015 as latest data

## Data collection :

Annual, quarterly, monthly (JODI),  
energy efficiency, energy price

Database, publication

## Meeting :

Annual workshop

Annual meeting

## Capacity building :

Training courses of energy statistics (short and long)

Two APEC energy goals monitored with other energy expert groups (EGEEC, EGCFC and EGNRET) and APERC

The website is the only place for EGEDA members to present the outputs to the public

# Energy database

Australia, 1980

Select ▶

[Sector \ Energy]	Coal	Coal products	...
Indigenous production			
Import			
...			

Australia, Coal

Select ▶

[Sector \ Time]	1980	1981	...
Indigenous production			
Import			
...			

Coal, 1980

Select ▶

[Sector \ Member]	Australia	Brunei	...
Indigenous production			
Import			
...			

Indigenous production, Coal

Select ▶

[Member \ Time]	1980	1981	...
Australia			
Brunei			
...			

Indigenous production, 1980

Select ▶

[Energy \ Member]	Australia	Brunei	...
Coal			
Coal products			
...			

Australia, Indigenous production

Select ▶

[Energy \ Time]	1980	1981	...
Coal			
Coal products			
...			

Data collected from members are presented here

Several search forms can be chosen

- energy balance
- comparing economies
- historical series



APEC Energy Working Group  
Expert Group on Energy Data and Analysis (EGEDA)

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- TRAINING
- ANALYSIS

PUBLICATION > > APEC Energy Statistics > APEC Energy Handbook

## APEC Energy Statistics



### APEC Energy Statistics 2015

October 2017

199 pages



### APEC Energy Statistics 2014

November 2016

189 pages



### APEC Energy Statistics 2013

November 2015

185 pages



### APEC Energy Statistics 2012

## APEC Energy Handbook



### APEC Energy Handbook 2015

October 2017

91 pages



### APEC Energy Handbook 2014

November 2016

87 pages



### APEC Energy Handbook 2013

November 2015

87 pages



### APEC Energy Handbook 2012

A report published every month

- ✓ Overview of APEC energy supply and demand
- ✓ JODI oil report
- ✓ JODI gas report



APEC Energy Working Group  
Expert Group on Energy Data and Analysis (EGEDA)

HOME DATABASE ABOUT MEETING PUBLICATION TRAINING **ANALYSIS**

## Analysis Reports

### Overview of APEC energy supply and demand

This report summarises an analysis of energy demand and supply in the APEC region and contains some figures showing trends of energy demand and supply based on the energy balance tables of APEC member economies

2015 Annual Statistics

2014 Annual Statistics

### JODI Oil report

This report serves the latest information on supply, demand and refinery in the APEC oil market from monthly oil data collected via the JODI oil questionnaire. JODI Oil report is published once every three to four months.

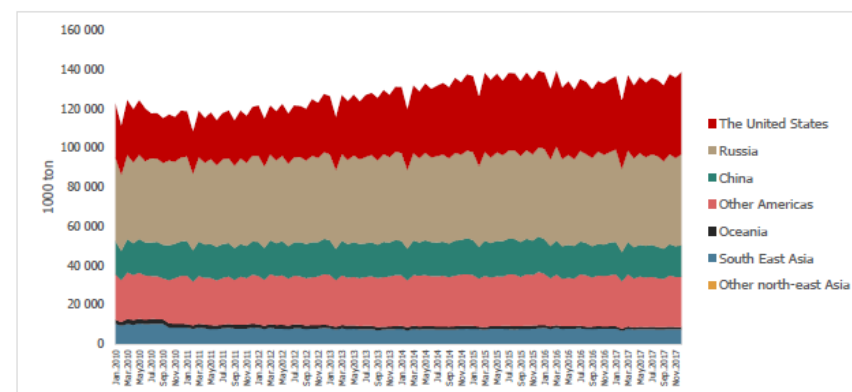
May 2018

## JODI Oil analysis

### Crude oil production 2010-17

"The United States remained the fastest-growing producer in APEC from 2010-17"

Figure 1: Monthly crude oil production by region, 2010-17



Note: Missing data of Indonesia and Malaysia are estimated using 6 months moving average

In 2017, Russia held the largest share—about 34%—of APEC's crude oil production. This was followed by USA (29%), other Americas (19%) and China (12%). Russia's crude oil production in 2017 was 513.5 million tonnes, a reduction of 0.3% from 514.9 million tonnes in 2016. This was due to Russia's pledge to cut its oil production as part of OPEC/non-OPEC deal, which was in place since the start of 2017 to reduce global inventories and balance the oversupplied market.

The United States produced 463.5 million tonnes of crude oil in 2017, which represents a year-on-year growth of 5.3%. The economy's crude oil production reached 41.9 million tonnes in December 2017, the highest monthly production ever recorded since 1970 according to US Energy Information Administration<sup>1</sup>.

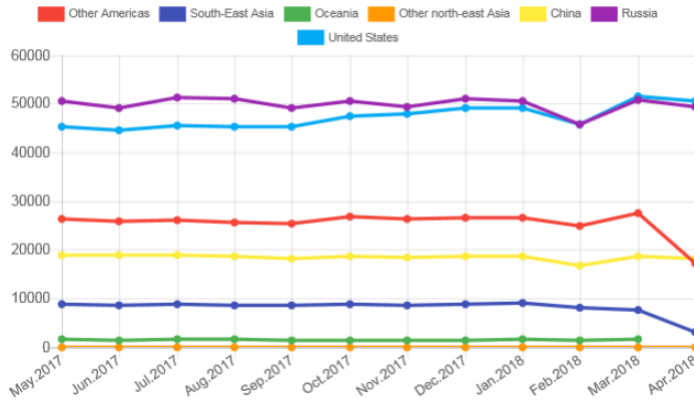
Crude oil production in other Americas increased by 1.6% to 270 million tonnes in 2017 from 266 million tonnes of the previous year. The region's crude oil production was dominated by Canada which has



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**Crude oil production by region (1000 kl)**



Natural gas production by region >>

How to use charts



1. Oil production based on monthly data collected through JODI questionnaire
2. Natural gas production based on monthly data collected through JODI questionnaire
3. CO2 emissions
4. Final energy intensity

**Database**

Updating Information	Annual Data	Quarterly Data
	Energy Balance Electricity Others	New Format Old Format Others

<http://www.egeda.ewg.apec.org>



## APEC Energy Working Group Expert Group on Energy Data and Analysis (EGEDA)

[HOME](#)[DATABASE](#)[ABOUT](#)[MEETING](#)[PUBLICATION](#)[TRAINING](#)[ANALYSIS](#)[MEETING >](#)[Regular Meeting](#) > [Workshop](#)

## Workshop

### The 15th Workshop



Tokyo Japan  
4-6 April 2017

[Summary](#)[Participants List](#)[Photo](#)

### The 14th Workshop



Tokyo Japan  
23-25 February 2016

[Summary](#)[Participants List](#)[Photo](#)

Presentation slides to be posted on the website



# Online submission

- ✓ Started as a more efficient submission system for everyone, replacing the email submission
- ✓ Members only: Email to [esto@aperc.ieej.or.jp](mailto:esto@aperc.ieej.or.jp) for ID and password
- ✓ The latest templates and manuals can be downloaded from the website
- ✓ For annual data, 5 out of 13 non-OECD submitted the data by this system (Thanks!)

The screenshot displays the APERC Energy Working Group Expert Group on Energy Data and Analysis (EGEDA) website. At the top, there is a navigation menu with links for HOME, DATABASE, ABOUT, MEETING, PUBLICATION, TRAINING, and ANALYSIS. Below the menu is a line chart titled 'Crude oil production by region (1000 kt)' showing data from May 2015 to April 2016. The chart includes a legend for various regions: Other Asia, Southeast Asia, Oceania, Other oil rich Asia, C. & S., and Russia. To the right of the chart are logos for APERC and Jodi. Below the chart is a 'Database' section with a grid of categories: Updating Information, Annual Data, Quarterly Data, Monthly Data, Environment, and Members Only. Further down is a 'Database Information' section with buttons for 'Processing Information' and 'Standardisation'. An 'Updates' section lists recent news items with dates and links. At the bottom, there are sections for 'Meeting Summary', 'Training', and 'Analysis Reports'. A red circle highlights the 'Questionnaire' link in the 'Analysis Reports' section.

# Future direction

HOME DATABASE ABOUT MEETING PUBLICATION TRAINING ANALYSIS

**DATABASE** ▾  
 ▸ Updating Information ▸ **Annual Data** ▸ Quarterly Data ▸ Monthly Data ▸ Environment ▸ Members Only  
 ▸ Database Information

## Energy Balance Tables (New format)

Please select from the following tables.

Australia, 1980

Select ▶

[Sector \ Energy]	Coal	Coal products	...
Indigenous production			
Import			
...			

Coal, 1980

Select ▶

[Sector \ Member]	Australia	Brunei	...
Indigenous production			
Import			
...			

Indigenous production, Coal

Select ▶

[Member \ Time]	1980	1981	...
Australia			
Brunei			
...			

## Energy Balance Table

Term	Member(s)	Energy	Sector	Unit
2000 ▾ 	<input type="checkbox"/> (Un)check All <input type="checkbox"/> Australia <input type="checkbox"/> Brunei Darussalam <input type="checkbox"/> Canada <input type="checkbox"/> Chile <input type="checkbox"/> China <input type="checkbox"/> Hong Kong, China <input type="checkbox"/> Indonesia <input checked="" type="checkbox"/> Japan <input checked="" type="checkbox"/> Republic of Korea <input type="checkbox"/> Malaysia <input type="checkbox"/> Mexico <input type="checkbox"/> New Zealand <input type="checkbox"/> Papua New Guinea <input type="checkbox"/> Peru <input type="checkbox"/> Philippines <input type="checkbox"/> Russia <input type="checkbox"/> Singapore <input type="checkbox"/> Chinese Taipei <input type="checkbox"/> Thailand <input type="checkbox"/> United States of America <input type="checkbox"/> Vietnam	Nuclear ▾	- Indigenous production ▾	<input checked="" type="radio"/> kTOE <input type="radio"/> Peta Joule
2015 ▾				

Extract

Reset

# Future direction

Download this table as [text file](#), or [Excel 95 file](#).

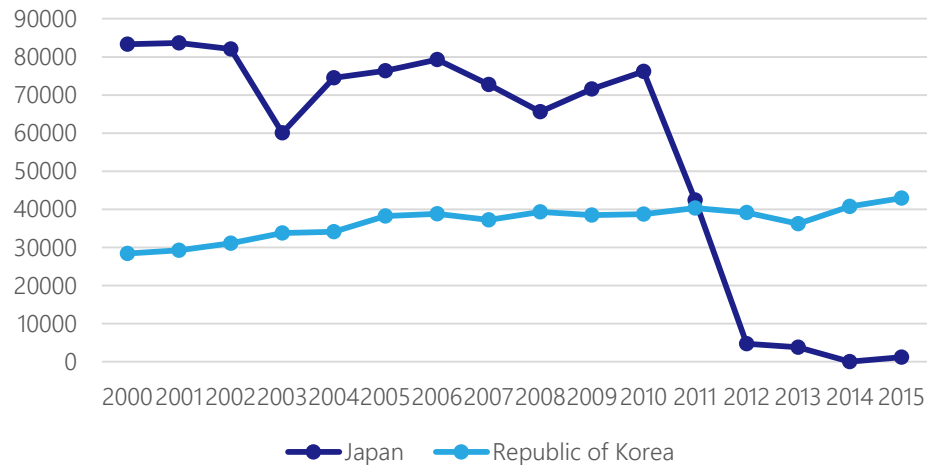
## Energy Balance Table

Nuclear  
Indigenous production

Unit:KTOE

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Japan</b>	83328	83680	82072	60048	74497	76366	79298	72710	65605	71574	76188	42459	4689	3806	-	1162
<b>Republic of Korea</b>	28397	29223	31039	33793	34065	38251	38765	37250	39341	38510	38725	40322	39176	36168	40761	42938

Production, Nuclear (KTOE)



Automatic data  
visualisation - Good if  
historical data are  
automatically  
supplemented by a chart

# No summary

ESTO will continue to improve the website to disseminate outputs of energy statistics in APEC

Visit the website, and share your ideas with APERC/ESTO. Any comments, suggestions are welcome to [esto@aperc.iecej.or.jp](mailto:esto@aperc.iecej.or.jp)



**Thank you for your kind attention**

<http://www.egeda.ewg.apec.org>