



APEC

ENERGY HANDBOOK 2013

ENERGY WORKING GROUP
NOVEMBER 2015

COORDINATING AGENCY:
ENERGY STATISTICS AND TRAINING OFFICE
ASIA-PACIFIC ENERGY RESEARCH CENTRE

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Preface

The APEC Energy Handbook 2013 is a handy, pocket-sized summary of key energy data and a supplement to APEC Energy Statistics 2013 which was released in November 2015 by the APEC Secretariat in Singapore.

This handbook consists of the following parts:

1. Primary Energy Supply
2. Transformation
3. Final Energy Consumption
4. Energy Balances
5. Energy Outlook
6. Energy Indicators

The supply part describes total primary energy supply by energy while transformation part shows oil refining and power generation. The consumption part indicates both final energy consumption of commercial energy by sectors and by energy. The energy balances part includes regional energy balance tables while outlook part shows projected energy demand by year 2030 which was prepared by Asia Pacific Energy Research Centre as of February 2013. The energy indicators part contains several indicators based on population, GDP and energy consumption.

This handbook has been derived from the APEC Energy Database, the purpose of which is to establish a comprehensive and consistent energy database within the APEC region. This database will be used to assist in the identification of significant trends in energy supply and demand consistent with projects and priorities under the APEC Energy Working Group. It has been prepared in close cooperation with the twenty-one member economies.

Inquiries about figures and graphs in this handbook could be addressed to the Asia Pacific Energy Research Centre.

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Regional Coverage

	APEC 21	APEC 20	East Asia and Russia	Other East Asia	South-east Asia	Oceania	North America	South America
Australia	✓	✓				✓		
Brunei Darussalam	✓	✓			✓			
Canada	✓	✓					✓	
Chile	✓	✓						✓
China	✓	✓	✓					
Hong Kong, China	✓	✓	✓	✓				
Indonesia	✓	✓			✓			
Japan	✓	✓	✓					
Korea	✓	✓	✓	✓				
Malaysia	✓	✓			✓			
Mexico	✓	✓					✓	
New Zealand	✓	✓				✓		
Papua New Guinea	✓	✓				✓		
Peru	✓	✓						✓
The Philippines	✓	✓			✓			
Russia	✓	✓	✓					
Singapore	✓	✓			✓			
Chinese Taipei	✓	✓	✓	✓				
Thailand	✓	✓			✓			
United States	✓	✓					✓	
Viet Nam	✓							

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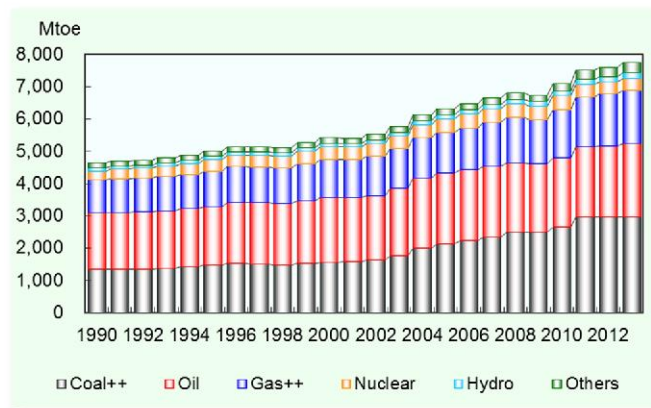
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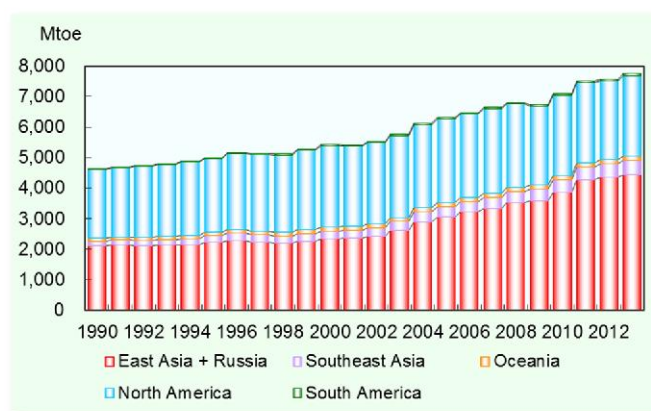
Total Primary Energy Supply by Energy APEC 20



	1990	1995	2000	2005	2010	2013
Coal++	1,358.3	1,482.6	1,567.6	2,142.3	2,658.2	2,981.7
Oil	1,747.2	1,813.5	1,993.4	2,179.3	2,152.7	2,251.8
Gas++	1,002.7	1,094.6	1,190.6	1,263.8	1,475.3	1,656.5
Nuclear	283.4	344.7	389.2	415.9	433.2	364.9
Hydro	92.4	107.2	106.5	123.9	151.3	173.2
Others	148.6	158.5	173.1	182.4	224.3	319.2
Total	4,632.7	5,001.1	5,420.5	6,307.5	7,095.1	7,747.4

	1990	1995	2000	2005	2010	2013
Coal++	29.3	29.6	28.9	34.0	37.5	38.5
Oil	37.7	36.3	36.8	34.6	30.3	29.1
Gas++	21.6	21.9	22.0	20.0	20.8	21.4
Nuclear	6.1	6.9	7.2	6.6	6.1	4.7
Hydro	2.0	2.1	2.0	2.0	2.1	2.2
Others	3.2	3.2	3.2	2.9	3.2	4.1

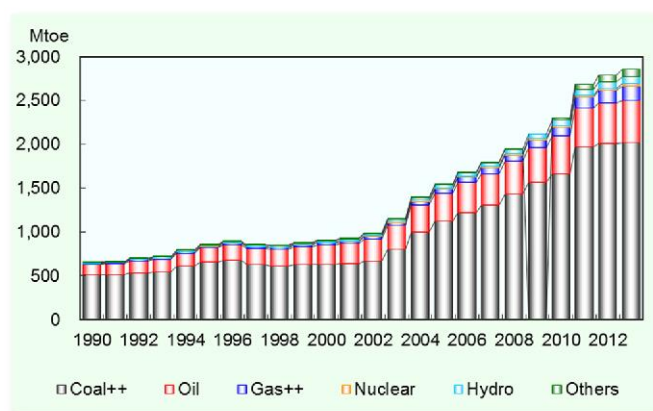
Total Primary Energy Supply by Region APEC 20



	1990	1995	2000	2005	2010	2013
East Asia + Russia	2,119.8	2,219.7	2,325.7	3,045.9	3,857.0	4,444.3
Southeast Asia	142.0	215.8	267.6	335.2	408.2	463.1
Oceania	99.8	108.2	126.2	132.2	144.0	150.9
North America	2,247.3	2,427.7	2,663.4	2,752.1	2,637.3	2,628.8
South America	24.0	29.7	37.5	42.1	48.5	60.2
Total	4,632.7	5,001.1	5,420.5	6,307.5	7,095.1	7,747.4

	1990	1995	2000	2005	2010	2013
East Asia + Russia	45.8	44.4	42.9	48.3	54.4	57.4
Southeast Asia	3.1	4.3	4.9	5.3	5.8	6.0
Oceania	2.2	2.2	2.3	2.1	2.0	1.9
North America	48.5	48.5	49.1	43.6	37.2	33.9
South America	0.5	0.6	0.7	0.7	0.7	0.8

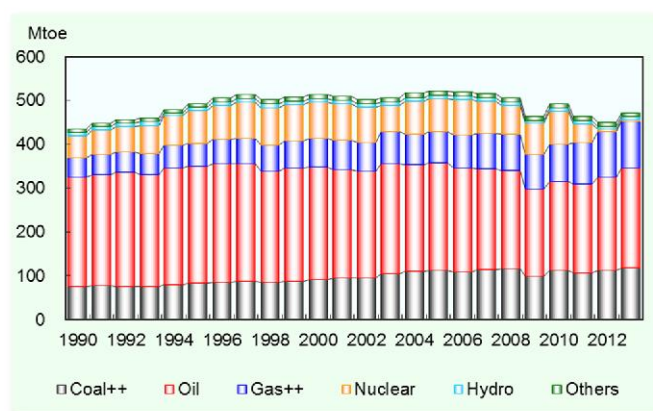
Total Primary Energy Supply by Energy China



	1990	1995	2000	2005	2010	Mtoe 2013
Coal++	512.2	659.2	631.2	1,122.1	1,658.3	2,018.3
Oil	114.4	158.5	224.7	319.1	438.1	487.6
Gas++	14.2	16.7	22.4	44.7	100.1	159.2
Nuclear	-	3.3	4.4	13.8	19.3	29.1
Hydro	10.9	16.4	19.1	34.1	62.1	79.1
Others	2.3	3.8	3.4	5.5	21.6	83.1
Total	654.0	858.0	905.2	1,539.4	2,299.4	2,856.4

	1990	1995	2000	2005	2010	Share (%) 2013
Coal++	78.3	76.8	69.7	72.9	72.1	70.7
Oil	17.5	18.5	24.8	20.7	19.1	17.1
Gas++	2.2	1.9	2.5	2.9	4.4	5.6
Nuclear	-	0.4	0.5	0.9	0.8	1.0
Hydro	1.7	1.9	2.1	2.2	2.7	2.8
Others	0.3	0.4	0.4	0.4	0.9	2.9

Total Primary Energy Supply by Energy Japan

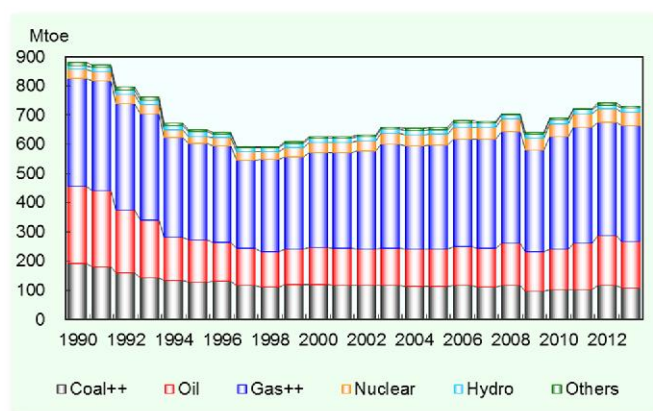


	1990	1995	2000	2005	2010	2013
Coal++	75.7	82.8	91.8	112.9	112.5	117.7
Oil	249.1	267.4	256.5	244.3	201.8	228.5
Gas++	43.5	52.0	64.9	70.9	85.3	105.9
Nuclear	51.0	75.0	83.3	76.4	76.2	3.8
Hydro	7.8	7.1	7.5	7.0	7.8	7.0
Others	7.5	8.8	9.6	9.8	9.6	8.8
Total	434.6	493.2	513.6	521.2	493.2	471.7

	1990	1995	2000	2005	2010	2013
Coal++	17.4	16.8	17.9	21.7	22.8	24.9
Oil	57.3	54.2	49.9	46.9	40.9	48.4
Gas++	10.0	10.5	12.6	13.6	17.3	22.5
Nuclear	11.7	15.2	16.2	14.7	15.4	0.8
Hydro	1.8	1.4	1.5	1.4	1.6	1.5
Others	1.7	1.8	1.9	1.9	1.9	1.9

Primary Energy Supply

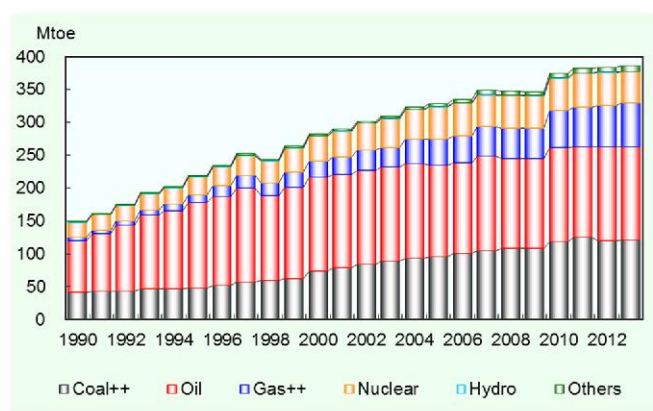
Total Primary Energy Supply by Energy Russia



	Mtoe					
	1990	1995	2000	2005	2010	2013
Coal++	191.1	129.2	120.0	112.6	101.1	108.3
Oil	262.7	142.7	126.1	129.2	140.3	160.1
Gas++	371.5	329.4	324.7	354.6	383.5	395.2
Nuclear	30.9	26.0	34.1	39.0	44.4	45.0
Hydro	14.3	15.1	14.1	14.9	14.3	15.6
Others	11.5	6.9	5.7	6.2	5.9	6.4
Total	881.9	649.3	624.7	656.5	689.7	730.6

	Share (%)					
	1990	1995	2000	2005	2010	2013
Coal++	21.7	19.9	19.2	17.2	14.7	14.8
Oil	29.8	22.0	20.2	19.7	20.3	21.9
Gas++	42.1	50.7	52.0	54.0	55.6	54.1
Nuclear	3.5	4.0	5.5	5.9	6.4	6.2
Hydro	1.6	2.3	2.3	2.3	2.1	2.1
Others	1.3	1.1	0.9	0.9	0.9	0.9

Total Primary Energy Supply by Energy Other East Asia

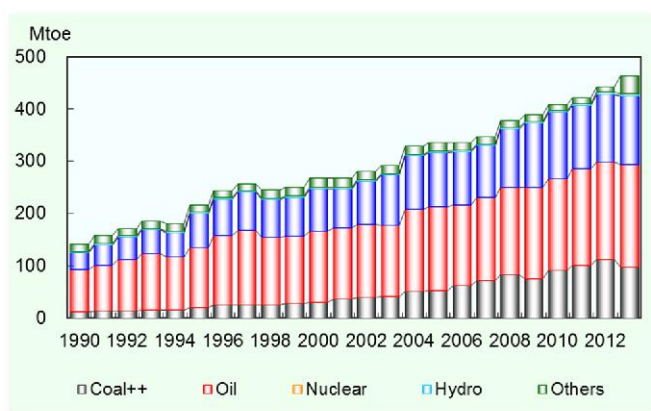


	Mtoe					
	1990	1995	2000	2005	2010	2013
Coal++	42.1	48.4	73.6	95.6	118.8	121.9
Oil	78.4	129.6	142.3	139.3	143.2	141.5
Gas++	4.5	12.0	24.6	39.9	55.9	66.3
Nuclear	22.3	26.7	38.4	48.7	49.6	47.0
Hydro	1.3	1.0	1.1	1.0	0.9	1.2
Others	0.6	1.5	2.2	4.4	6.3	7.8
Total	149.2	219.2	282.2	328.9	374.7	385.7

	Share (%)					
	1990	1995	2000	2005	2010	2013
Coal++	28.2	22.1	26.1	29.1	31.7	31.6
Oil	52.6	59.1	50.4	42.4	38.2	36.7
Gas++	3.0	5.5	8.7	12.1	14.9	17.2
Nuclear	15.0	12.2	13.6	14.8	13.2	12.2
Hydro	0.8	0.5	0.4	0.3	0.3	0.3
Others	0.4	0.7	0.8	1.3	1.7	2.0

Primary Energy Supply

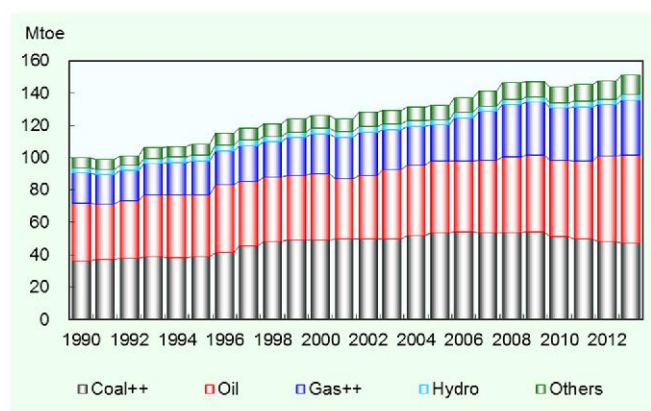
Total Primary Energy Supply by Energy Southeast Asia



	1990	1995	2000	2005	2010	Mtoe 2013
Coal++	12.8	20.2	30.0	53.6	91.0	98.4
Oil	81.2	115.6	136.3	159.9	175.3	195.8
Gas++	31.1	63.8	80.3	103.2	127.1	130.8
Nuclear	-	-	-	-	-	-
Hydro	2.2	2.8	2.7	2.7	3.2	3.7
Others	14.6	13.4	18.4	15.8	11.6	34.4
Total	142.0	215.8	267.6	335.2	408.2	463.1

	1990	1995	2000	2005	2010	Share (%) 2013
Coal++	9.0	9.3	11.2	16.0	22.3	21.2
Oil	57.2	53.6	50.9	47.7	42.9	42.3
Gas++	21.9	29.6	30.0	30.8	31.1	28.2
Nuclear	-	-	-	-	-	-
Hydro	1.6	1.3	1.0	0.8	0.8	0.8
Others	10.3	6.2	6.9	4.7	2.8	7.4

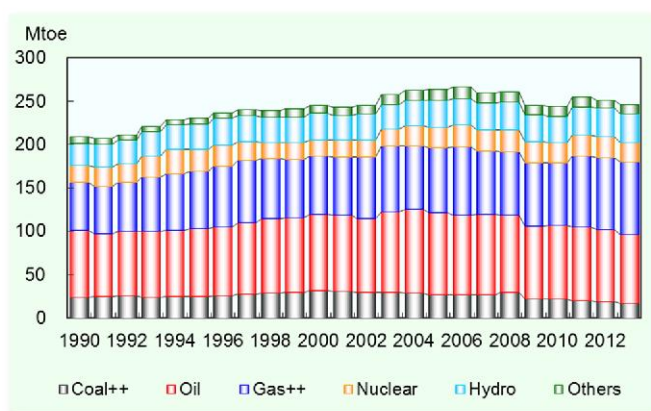
Total Primary Energy Supply by Energy Oceania



	Mtoe					
	1990	1995	2000	2005	2010	2013
Coal++	36.1	38.7	49.3	53.2	51.4	47.2
Oil	35.5	38.4	40.8	44.5	46.9	54.3
Gas++	18.7	20.7	24.5	22.3	32.3	33.8
Nuclear	-	-	-	-	-	-
Hydro	3.3	3.8	3.6	3.4	3.4	3.6
Others	6.2	6.7	8.1	8.7	10.1	12.0
Total	99.8	108.2	126.2	132.2	144.0	150.9

	Share (%)					
	1990	1995	2000	2005	2010	2013
Coal++	36.2	35.7	39.0	40.3	35.7	31.3
Oil	35.5	35.5	32.3	33.7	32.6	36.0
Gas++	18.8	19.1	19.4	16.9	22.4	22.4
Nuclear	-	-	-	-	-	-
Hydro	3.3	3.5	2.8	2.6	2.3	2.4
Others	6.2	6.2	6.4	6.6	7.0	7.9

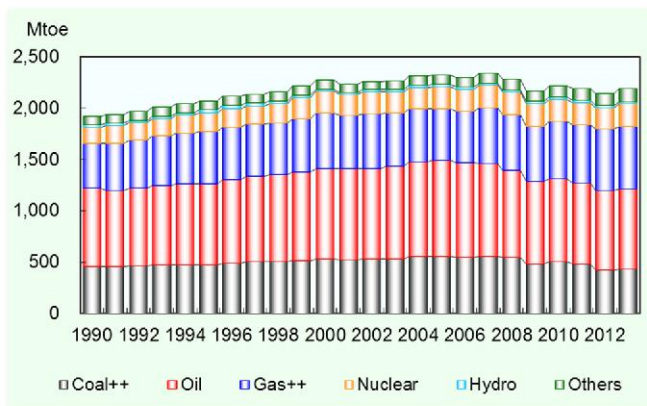
Total Primary Energy Supply by Energy Canada



	1990	1995	2000	2005	2010	2013
Coal++	24.3	25.3	31.7	27.2	22.2	17.4
Oil	76.5	77.8	87.8	94.5	84.6	78.4
Gas++	56.1	66.1	67.0	74.6	72.0	83.8
Nuclear	19.0	25.5	19.0	24.0	23.6	22.8
Hydro	25.5	28.9	30.8	31.1	30.2	33.7
Others	8.1	6.7	8.7	12.8	12.1	10.0
Total	209.5	230.3	245.0	264.2	244.7	245.9

	1990	1995	2000	2005	2010	2013
Coal++	11.6	11.0	12.9	10.3	9.1	7.1
Oil	36.5	33.8	35.9	35.8	34.6	31.9
Gas++	26.8	28.7	27.4	28.2	29.4	34.1
Nuclear	9.1	11.1	7.7	9.1	9.7	9.3
Hydro	12.2	12.5	12.6	11.8	12.3	13.7
Others	3.9	2.9	3.5	4.8	4.9	4.0

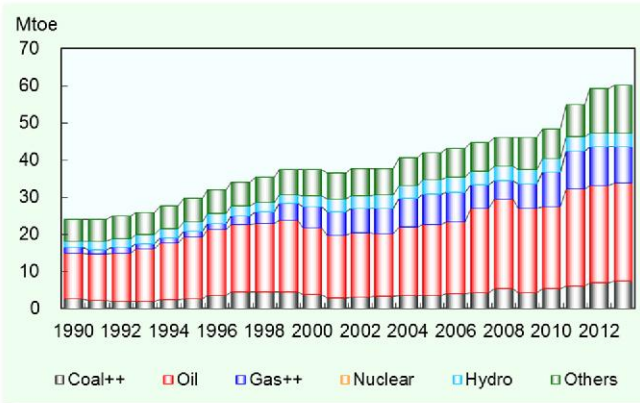
Total Primary Energy Supply by Energy United States



	Mtoe					
	1990	1995	2000	2005	2010	2013
Coal++	460.2	474.0	533.6	558.4	502.6	432.4
Oil	756.9	785.6	871.2	929.2	805.9	780.6
Gas++	438.4	507.4	547.7	507.2	556.1	609.9
Nuclear	159.4	186.0	207.9	211.3	218.6	214.2
Hydro	23.5	27.0	21.8	23.4	22.6	23.3
Others	76.9	87.4	91.4	89.6	110.2	128.8
Total	1,915.2	2,067.5	2,273.6	2,319.2	2,215.9	2,189.2

	Share (%)					
	1990	1995	2000	2005	2010	2013
Coal++	24.0	22.9	23.5	24.1	22.7	19.8
Oil	39.5	38.0	38.3	40.1	36.4	35.7
Gas++	22.9	24.5	24.1	21.9	25.1	27.9
Nuclear	8.3	9.0	9.1	9.1	9.9	9.8
Hydro	1.2	1.3	1.0	1.0	1.0	1.1
Others	4.0	4.2	4.0	3.9	5.0	5.9

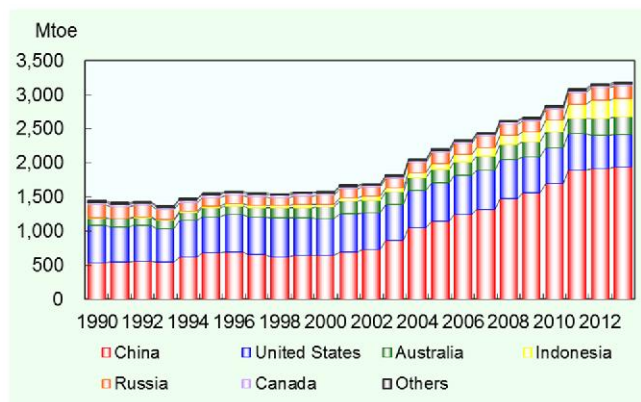
Total Primary Energy Supply by Energy South America



	1990	1995	2000	2005	2010	2013
Coal++	2.6	2.7	3.7	3.6	5.4	7.5
Oil	12.3	16.5	18.1	19.0	22.0	26.2
Gas++	1.5	1.5	5.7	8.3	9.4	9.8
Nuclear	-	-	-	-	-	-
Hydro	1.7	2.7	3.0	3.8	3.6	3.6
Others	5.8	6.3	7.1	7.4	8.1	13.0
Total	24.0	29.7	37.5	42.1	48.5	60.2

	1990	1995	2000	2005	2010	2013
Coal++	11.0	9.1	9.9	8.6	11.1	12.5
Oil	51.3	55.6	48.2	45.2	45.4	43.5
Gas++	6.5	5.1	15.1	19.6	19.4	16.3
Nuclear	-	-	-	-	-	-
Hydro	7.0	9.0	7.9	9.1	7.4	6.0
Others	24.2	21.1	18.9	17.5	16.7	21.6

Indigenous Production of Coal APEC 20

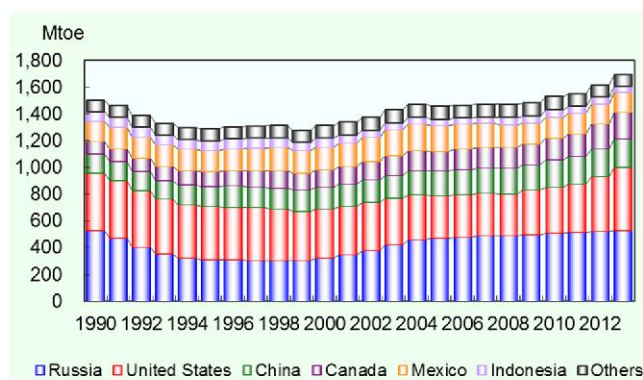


	Mtoe					
	1990	1995	2000	2005	2010	2013
China	540.0	680.4	649.6	1,143.3	1,691.7	1,938.4
United States	542.3	529.8	536.9	565.3	531.8	477.2
Australia	106.1	127.8	164.6	201.6	236.4	263.8
Indonesia	5.8	24.0	44.0	82.8	161.8	264.1
Russia	192.4	130.7	128.5	157.4	166.4	184.3
Canada	37.9	40.8	34.4	32.1	33.8	35.0
Others	24.4	19.7	19.3	17.6	21.2	23.2
Total	1,448.9	1,553.2	1,577.3	2,200.0	2,843.2	3,186.0

	Share (%)					
	1990	1995	2000	2005	2010	2013
China	37.3	43.8	41.2	52.0	59.5	60.8
United States	37.4	34.1	34.0	25.7	18.7	15.0
Australia	7.3	8.2	10.4	9.2	8.3	8.3
Russia	13.3	8.4	8.1	7.2	5.9	5.8
Indonesia	0.4	1.5	2.8	3.8	5.7	8.3
Canada	2.6	2.6	2.2	1.5	1.2	1.1
Others	1.7	1.3	1.2	0.8	0.7	0.7

Coal: Hard Coal, Anthracite and Lignite

Indigenous Production of Crude Oil APEC 20

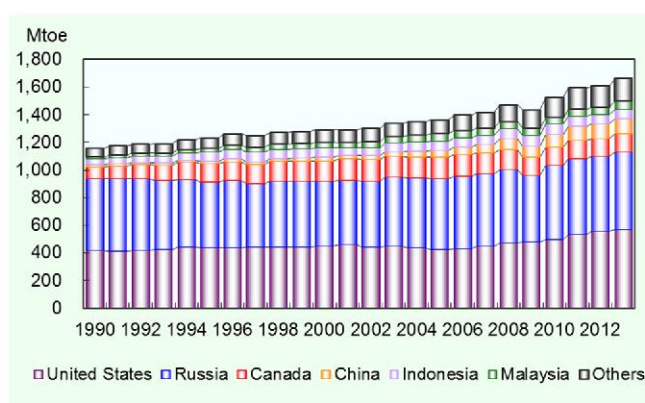


	Mtoe					
	1990	1995	2000	2005	2010	2013
Russia	526.3	306.6	323.3	468.7	506.5	524.2
United States	432.6	397.9	365.6	322.6	346.8	476.2
China	138.4	150.0	163.0	181.4	203.0	212.8
Canada	94.1	113.5	128.4	146.2	161.1	195.2
Mexico	152.8	155.3	170.9	193.7	155.0	150.1
Indonesia	70.7	72.9	69.0	48.1	58.0	47.8
Others	84.6	91.0	93.0	97.3	99.8	86.6
Total	1,499.5	1,287.1	1,313.3	1,458.0	1,530.3	1,692.8

	Share (%)					
	1990	1995	2000	2005	2010	2013
Russia	35.1	23.8	24.6	32.1	33.1	31.0
United States	28.8	30.9	27.8	22.1	22.7	28.1
China	9.2	11.7	12.4	12.4	13.3	12.6
Canada	6.3	8.8	9.8	10.0	10.5	11.5
Mexico	10.2	12.1	13.0	13.3	10.1	8.9
Indonesia	4.7	5.7	5.3	3.3	3.8	2.8
Others	5.6	7.1	7.1	6.7	6.5	5.1

Crude Oil includes NGL and condensate

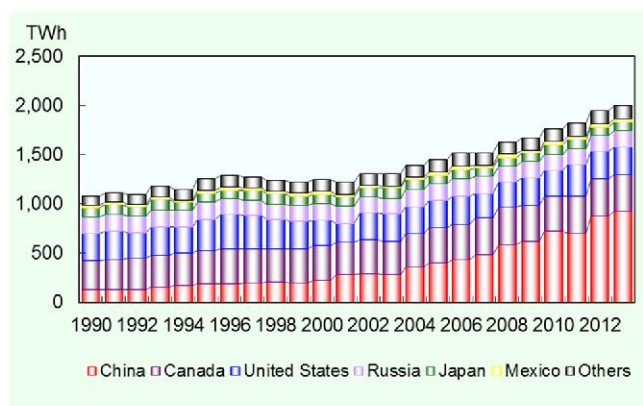
Indigenous Production of Natural Gas APEC 20



	Mtoe					
	1990	1995	2000	2005	2010	2013
United States	418.2	434.6	446.9	421.6	494.8	567.0
Russia	516.8	480.6	470.7	515.8	540.2	563.3
Canada	88.6	130.3	148.4	154.1	132.4	130.3
China	14.2	16.7	25.3	47.4	88.3	112.5
Indonesia	41.0	68.0	65.8	68.7	76.6	67.0
Malaysia	15.4	24.5	42.3	55.0	46.6	58.9
Others	62.4	75.5	91.1	101.1	148.3	163.3
Total	1,156.7	1,230.1	1,290.6	1,363.8	1,527.3	1,662.3

	Share (%)					
	1990	1995	2000	2005	2010	2013
United States	36.2	35.3	34.6	30.9	32.4	34.1
Russia	44.7	39.1	36.5	37.8	35.4	33.9
Canada	7.7	10.6	11.5	11.3	8.7	7.8
China	1.2	1.4	2.0	3.5	5.8	6.8
Indonesia	3.5	5.5	5.1	5.0	5.0	4.0
Malaysia	1.3	2.0	3.3	4.0	3.1	3.5
Others	5.4	6.1	7.1	7.4	9.7	9.8

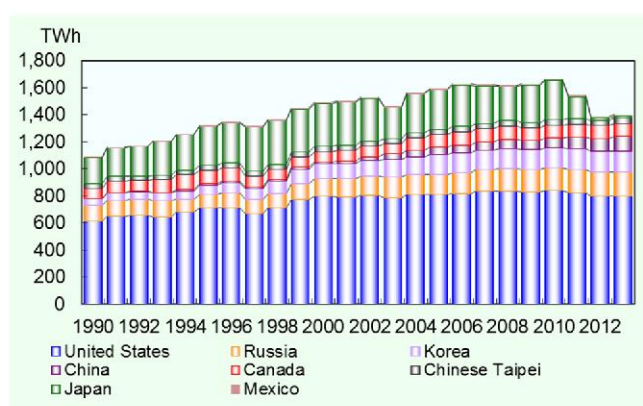
Indigenous Production of Hydro Power APEC 20



	1990	1995	2000	2005	2010	2013
China	126.7	190.6	222.4	397.0	722.2	920.3
Canada	296.7	335.9	358.5	361.9	351.4	379.4
United States	273.2	314.1	253.2	272.4	262.3	279.6
Russia	165.9	175.4	164.1	172.7	166.5	166.3
Japan	95.6	90.0	94.2	87.1	95.3	85.2
Mexico	23.5	27.5	33.1	27.7	37.1	31.9
Others	97.3	119.6	120.1	126.6	129.3	139.7
Total	1,079.0	1,253.2	1,245.7	1,445.4	1,764.0	2,002.5

	1990	1995	2000	2005	2010	2013
China	11.7	15.2	17.9	27.5	40.9	46.0
Canada	27.5	26.8	28.8	25.0	19.9	18.9
United States	25.3	25.1	20.3	18.8	14.9	14.0
Russia	15.4	14.0	13.2	11.9	9.4	8.3
Japan	8.9	7.2	7.6	6.0	5.4	4.3
Mexico	2.2	2.2	2.7	1.9	2.1	1.6
Others	9.0	9.5	9.6	8.8	7.3	7.0

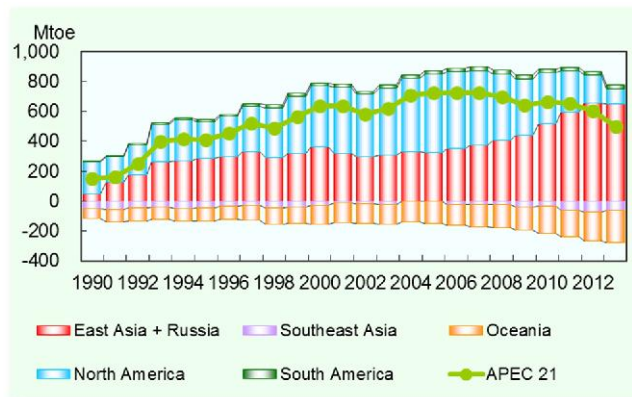
Indigenous Production of Nuclear Power APEC 20



	TWh					
	1990	1995	2000	2005	2010	2013
United States	611.6	713.8	797.7	810.7	838.9	801.1
Russia	118.3	99.5	130.7	149.4	170.4	177.5
Korea	52.9	67.0	109.0	146.8	148.6	150.3
China	-	12.8	16.7	53.1	73.9	111.6
Canada	73.0	97.8	72.8	92.0	90.7	94.9
Chinese Taipei	32.9	35.3	38.5	40.0	41.6	41.6
Japan	195.8	287.9	319.8	293.0	292.4	14.6
Mexico	2.9	8.4	8.2	10.8	5.9	8.8
Total	1,087.3	1,322.7	1,493.4	1,595.9	1,662.3	1,400.5

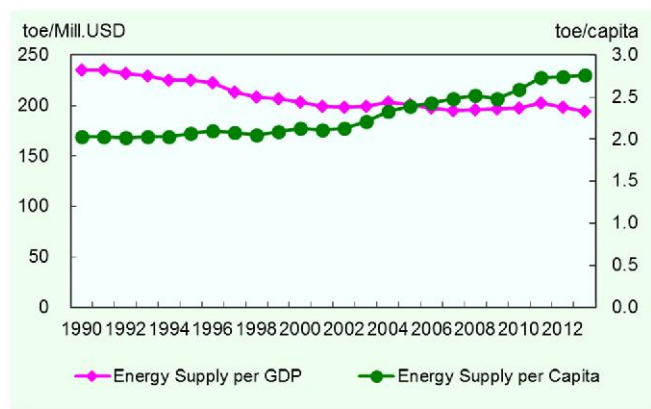
	Share (%)					
	1990	1995	2000	2005	2010	2013
United States	56.2	54.0	53.4	50.8	50.5	57.2
Russia	10.9	7.5	8.8	9.4	10.3	12.7
Korea	4.9	5.1	7.3	9.2	8.9	10.7
China	-	1.0	1.1	3.3	4.4	8.0
Canada	6.7	7.4	4.9	5.8	5.5	6.8
Chinese Taipei	3.0	2.7	2.6	2.5	2.5	3.0
Japan	18.0	21.8	21.4	18.4	17.6	1.0
Mexico	0.3	0.6	0.6	0.7	0.4	0.6

Net Import by Region APEC 20



	1990	1995	2000	2005	2010	Mtoe 2013
Australia	-64.5	-89.2	-127.1	-148.7	-185.6	-209.7
Brunei Darussalam	-13.7	-14.3	-15.2	-17.8	-17.0	-15.4
Canada	-59.3	-119.7	-127.7	-134.6	-149.7	-184.6
Chile	7.0	10.8	17.7	20.5	22.3	25.2
China	-30.5	-8.9	32.4	137.4	333.7	461.5
Hong Kong, China	10.8	14.3	18.2	23.4	31.4	28.6
Indonesia	-65.9	-85.2	-82.4	-73.9	-140.7	-194.0
Japan	371.4	405.7	420.4	433.1	406.6	422.5
Korea	70.1	134.8	165.7	175.6	221.1	233.6
Malaysia	-25.8	-28.2	-27.3	-28.1	-13.9	-6.4
Mexico	-69.9	-68.8	-71.6	-77.2	-40.0	-21.2
New Zealand	2.1	3.1	3.4	4.9	2.9	-3.2
Papua New Guinea	-3.7	-4.0	-2.7	-1.0	-0.2	1.1
Peru	-0.6	1.8	3.3	3.0	0.4	-1.8
The Philippines	11.9	17.7	20.0	17.0	17.7	20.6
Russia	-412.6	-315.0	-349.6	-539.3	-577.9	-593.0
Singapore	22.9	31.9	40.3	50.8	67.1	75.0
Chinese Taipei	39.4	55.7	76.4	96.4	101.8	97.4
Thailand	18.2	32.6	34.6	48.2	53.5	55.6
United States	341.9	433.4	606.4	736.1	533.5	308.3
Total	149.3	408.6	635.3	725.9	666.9	500.2

Total Primary Energy Supply per GDP & Capita APEC 20

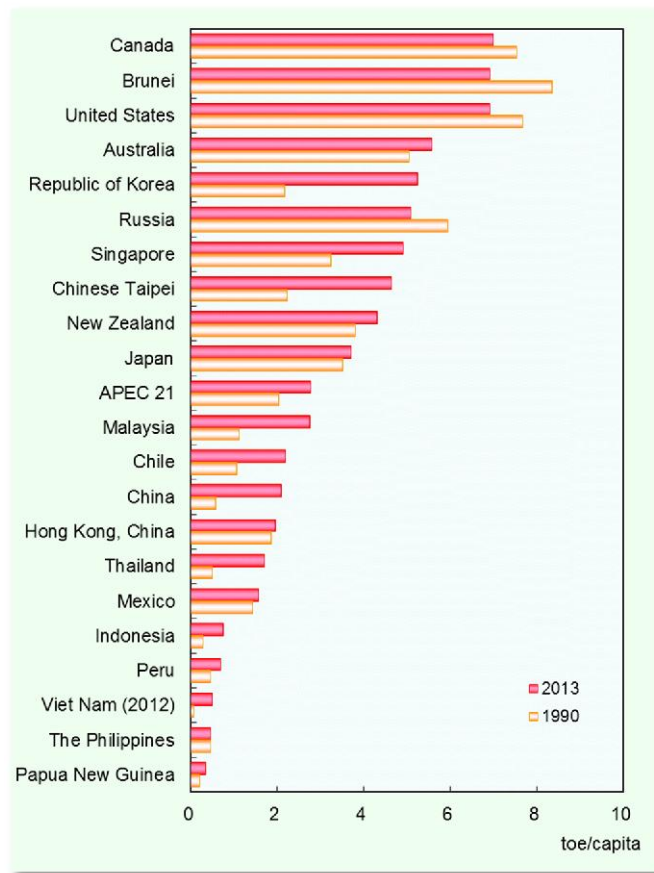


	1990	1995	2000	2005	2010	2013
Population (mill.)	2,284	2,426	2,553	2,655	2,750	2,806
Primary Energy Supply per Capita	2.03	2.06	2.13	2.39	2.60	2.76

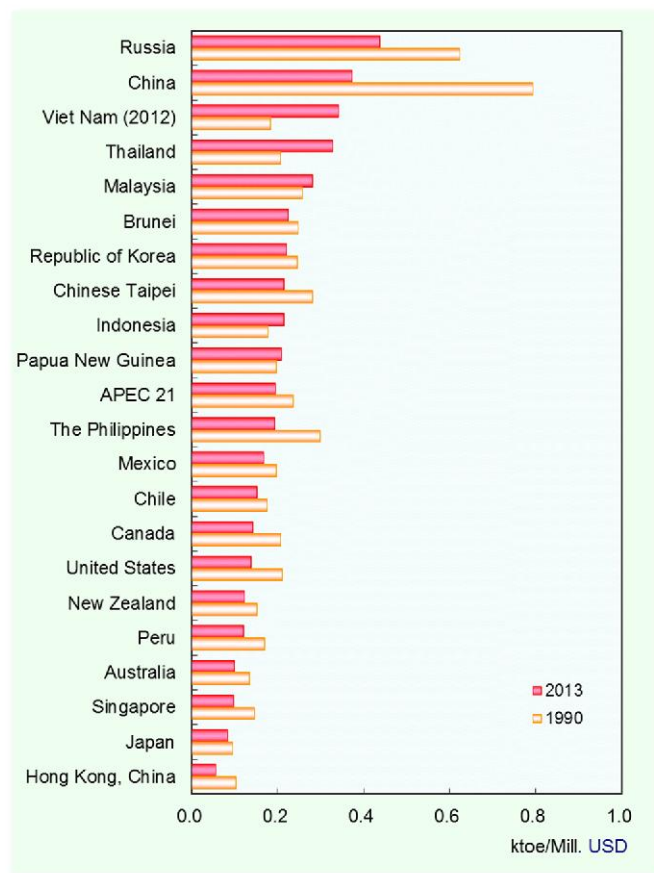
	1990	1995	2000	2005	2010	2013
GDP (bill. USD)	19,705	22,283	26,760	31,500	36,073	38,544
Primary Energy Supply per GDP	235.4	224.8	203.1	201.1	197.9	198.1

Primary Energy Supply

**Total Primary Energy Supply per Capita
1990 - 2013 by Economy**

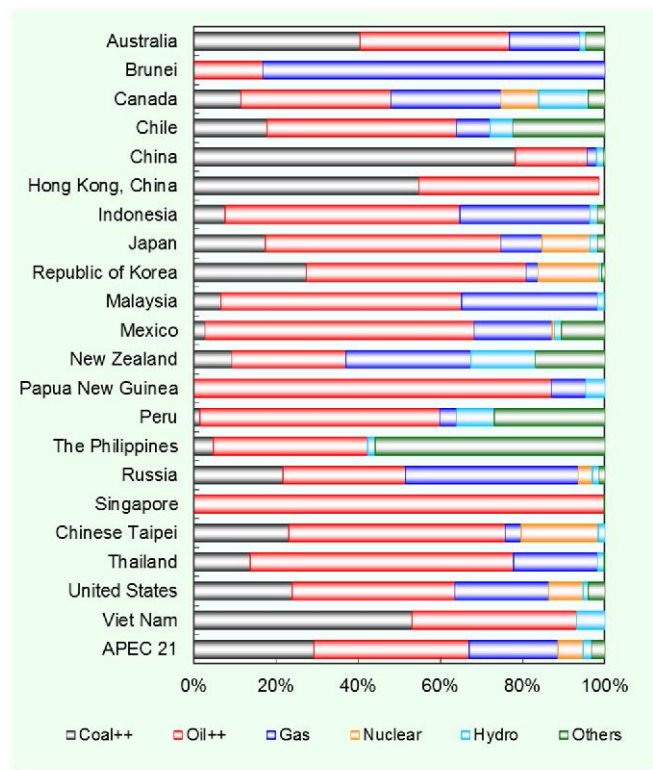


Total Primary Energy Supply per GDP 1990 - 2013 by Economy

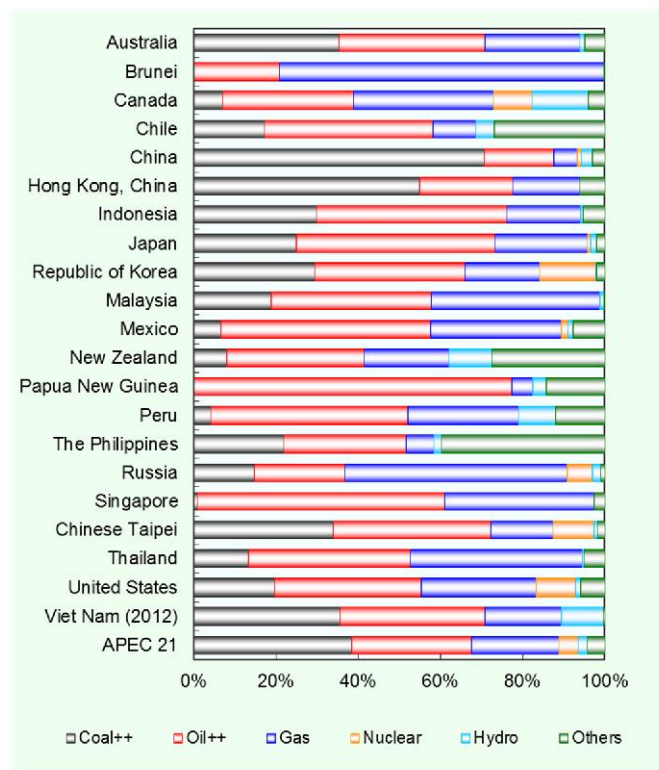


Primary Energy Supply

Primary Energy Mix by Economy 1990

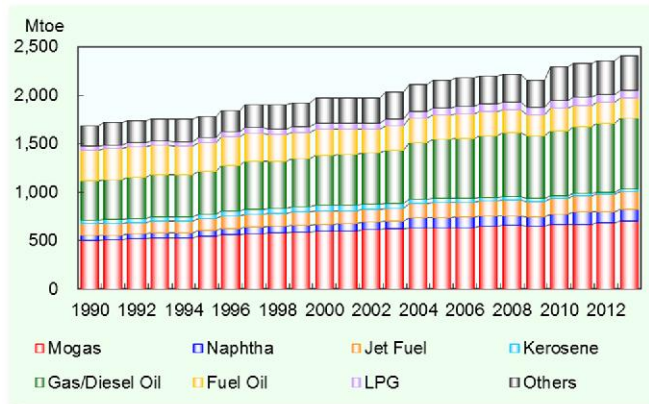


Primary Energy Mix by Economy 2013



Primary Energy Supply

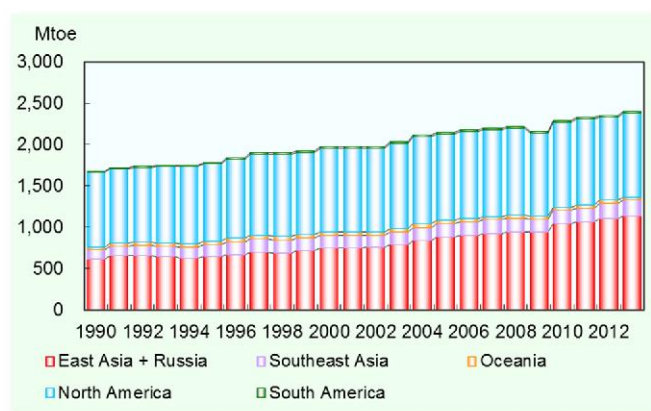
Refining of Petroleum Products by Fuel APEC 20



	Mtoe					
	1990	1995	2000	2005	2010	2013
Mogas	504.3	545.4	597.1	633.1	666.6	699.6
Naphtha	47.7	59.0	72.1	104.0	105.8	126.0
Jet Fuel	121.4	120.8	139.0	156.6	165.2	184.1
Kerosene	40.1	46.0	58.2	44.8	29.0	22.1
Gas/Diesel Oil	401.8	441.7	516.7	604.5	669.6	729.4
Fuel Oil	315.9	298.0	267.0	258.1	228.7	207.6
LPG	42.0	50.8	61.7	68.7	83.1	77.6
Others	207.5	221.3	261.5	280.2	346.2	356.6
Total	1,680.7	1,783.0	1,973.3	2,149.9	2,294.1	2,403.2

	Share (%)					
	1990	1995	2000	2005	2010	2013
Mogas	30.0	30.6	30.3	29.4	29.1	29.1
Naphtha	2.8	3.3	3.7	4.8	4.6	5.2
Jet Fuel	7.2	6.8	7.0	7.3	7.2	7.7
Kerosene	2.4	2.6	2.9	2.1	1.3	0.9
Gas/Diesel Oil	23.9	24.8	26.2	28.1	29.2	30.4
Fuel Oil	18.8	16.7	13.5	12.0	10.0	8.6
LPG	2.5	2.8	3.1	3.2	3.6	3.2
Others	12.3	12.4	13.2	13.0	15.1	14.8

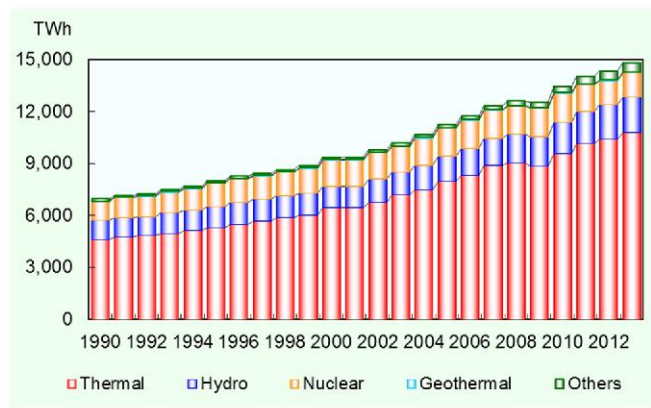
Refining of Petroleum Products by Region APEC 20



	1990	1995	2000	2005	2010	2013
						Mtoe
East Asia + Russia	614.4	647.4	751.6	877.3	1,040.0	1,141.2
Southeast Asia	109.9	142.6	152.3	166.9	165.0	185.3
Oceania	37.0	41.2	43.5	40.8	37.9	38.3
North America	905.7	936.3	1,008.5	1,045.7	1,032.3	1,019.6
South America	13.7	15.5	17.3	19.2	18.9	18.8
Total	1,680.7	1,783.0	1,973.3	2,149.9	2,294.1	2,403.2

	1990	1995	2000	2005	2010	2013
						Share (%)
East Asia + Russia	36.6	36.3	38.1	40.8	45.3	47.5
Southeast Asia	6.5	8.0	7.7	7.8	7.2	7.7
Oceania	2.2	2.3	2.2	1.9	1.7	1.6
North America	53.9	52.5	51.1	48.6	45.0	42.4
South America	0.8	0.9	0.9	0.9	0.8	0.8

Electricity Power Generation by Type APEC 20

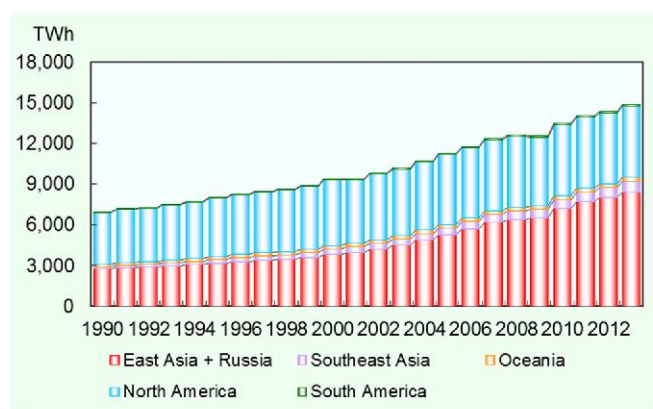


	TWh					
	1990	1995	2000	2005	2010	2013
Thermal	4,622.8	5,263.3	6,438.6	7,956.8	9,581.8	10,776.3
Hydro	1,084.3	1,263.8	1,260.2	1,462.9	1,791.5	2,059.6
Nuclear	1,087.3	1,322.7	1,493.4	1,595.9	1,662.3	1,400.5
Geothermal	31.5	34.1	43.4	47.5	53.0	52.6
Others	119.8	109.4	127.4	189.6	378.7	539.5
Total	6,945.8	7,993.3	9,363.0	11,252.8	13,467.4	14,828.5

	Share (%)					
	1990	1995	2000	2005	2010	2013
Thermal	66.6	65.8	68.8	70.7	71.1	72.7
Hydro	15.6	15.8	13.5	13.0	13.3	13.9
Nuclear	15.7	16.5	16.0	14.2	12.3	9.4
Geothermal	0.5	0.4	0.5	0.4	0.4	0.4
Others	1.7	1.4	1.4	1.7	2.8	3.6

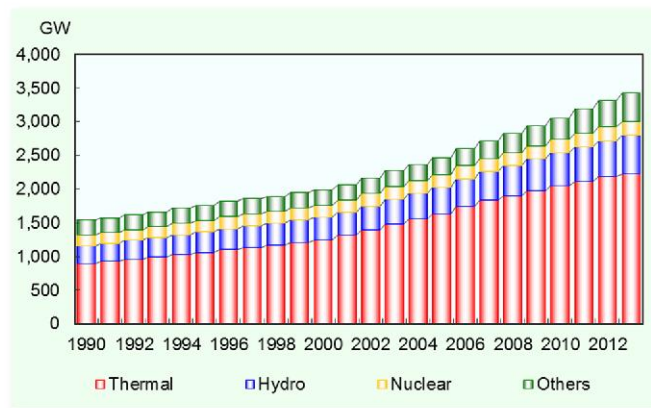
"Others" comprises power generated from renewable energy.

Electricity Power Generation by Region APEC 20



	1990	1995	2000	2005	2010	2013
TWh						
East Asia + Russia	2,768.5	3,177.5	3,822.6	5,257.4	7,184.9	8,408.5
Southeast Asia	156.7	289.9	393.2	505.1	660.8	804.1
Oceania	188.3	210.4	251.5	274.6	301.0	295.2
North America	3,800.7	4,270.6	4,835.7	5,137.7	5,224.4	5,208.9
South America	31.5	44.9	80.0	78.0	96.3	113.7
Total	6,945.8	7,993.3	9,363.0	11,252.8	13,467.4	14,828.5
Share (%)						
East Asia + Russia	39.9	39.8	40.8	46.7	53.4	56.7
Southeast Asia	2.3	3.6	4.2	4.5	4.9	5.4
Oceania	2.7	2.6	2.7	2.4	2.2	2.0
North America	54.7	53.4	51.6	45.7	38.8	35.1
South America	0.5	0.6	0.6	0.7	0.7	0.8

Power Generation Capacity by Type APEC 20

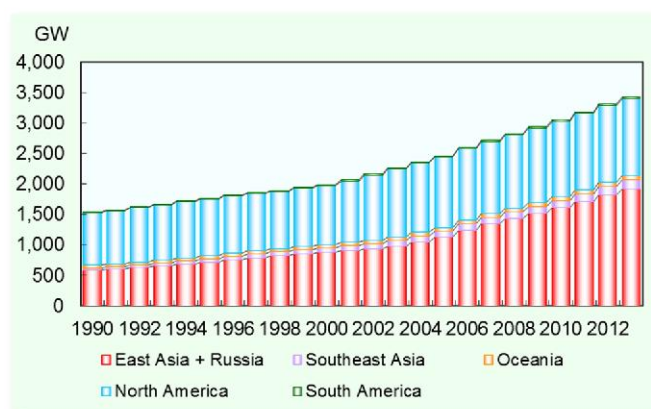


	1990	1995	2000	2005	2010	2013
Thermal	898.0	1,060.1	1,249.3	1,636.4	2,044.3	2,228.5
Hydro	263.1	304.3	339.7	387.9	494.5	568.2
Nuclear	158.3	174.4	176.0	192.1	197.7	200.6
Others	220.7	222.9	223.2	243.6	317.3	426.5
Total	1,540.1	1,761.7	1,988.3	2,460.0	3,053.8	3,423.9

	1990	1995	2000	2005	2010	2013
Thermal	58.3	60.2	62.8	66.5	66.9	65.1
Hydro	17.1	17.3	17.1	15.8	16.2	16.6
Nuclear	10.3	9.9	8.9	7.8	6.5	5.9
Others	14.3	12.7	11.2	9.9	10.4	12.5

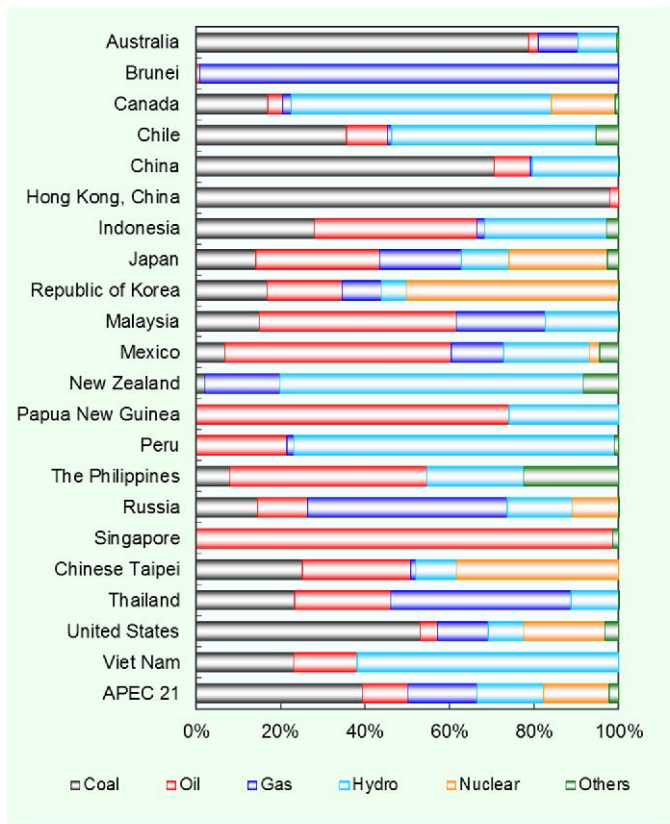
"Others" comprises power generated from renewable energy.

Power Generation Capacity by Region APEC 20

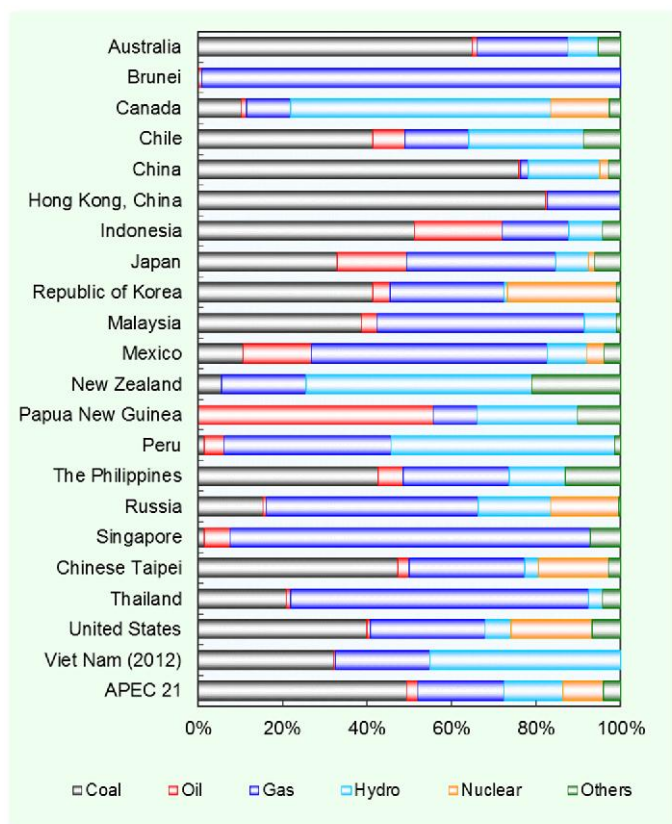


	1990	1995	2000	2005	2010	2013
	GW					
East Asia + Russia	586.2	718.3	878.3	1,124.2	1,612.4	1,920.8
Southeast Asia	34.5	55.4	75.9	104.0	113.7	144.4
Oceania	46.1	50.6	55.1	58.7	67.8	67.7
North America	865.1	927.4	963.0	1,154.2	1,235.7	1,261.3
South America	8.2	10.1	16.0	18.8	24.2	29.7
Total	1,540.1	1,761.7	1,988.3	2,460.0	3,053.8	3,423.9
	Share (%)					
	1990	1995	2000	2005	2010	2013
East Asia + Russia	38.1	40.8	44.2	45.7	52.8	56.1
Southeast Asia	2.2	3.1	3.8	4.2	3.7	4.2
Oceania	3.0	2.9	2.8	2.4	2.2	2.0
North America	56.2	52.6	48.4	46.9	40.5	36.8
South America	0.5	0.6	0.8	0.8	0.8	0.9

Electricity Power Generation by Economy 1990

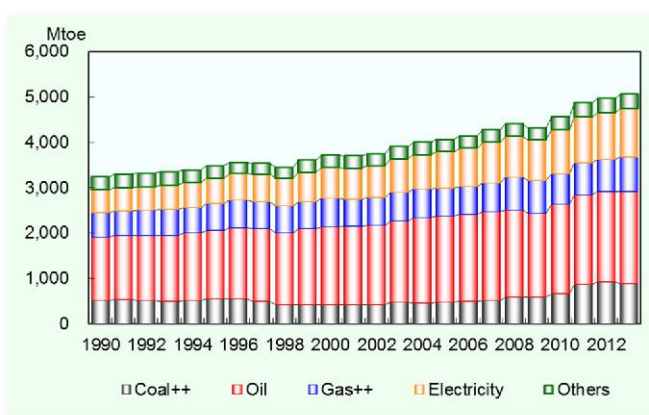


Electricity Power Generation by Economy 2013



Transformation

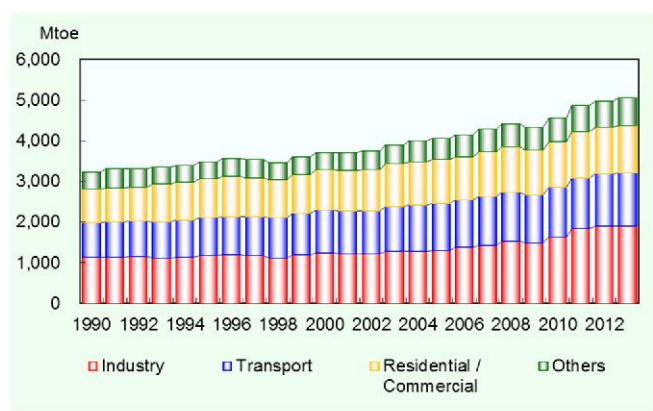
Total Final Energy Consumption by Energy APEC 20



	1990	1995	2000	2005	2010	2013
Coal++	517.8	547.4	419.4	486.5	669.7	881.4
Oil	1,385.7	1,514.9	1,711.5	1,887.3	1,958.1	2,040.7
Gas++	551.9	586.5	635.4	616.2	683.4	752.3
Electricity	501.7	562.7	672.4	803.7	965.2	1,067.1
Others	278.5	274.5	275.8	268.7	275.7	317.5
Total	3,235.6	3,486.1	3,714.4	4,062.3	4,552.1	5,059.0

	1990	1995	2000	2005	2010	2013
Coal++	16.0	15.7	11.3	12.0	14.7	17.4
Oil	42.8	43.5	46.1	46.5	43.0	40.3
Gas++	17.1	16.8	17.1	15.2	15.0	14.9
Electricity	15.5	16.1	18.1	19.8	21.2	21.1
Others	8.6	7.9	7.4	6.6	6.1	6.3

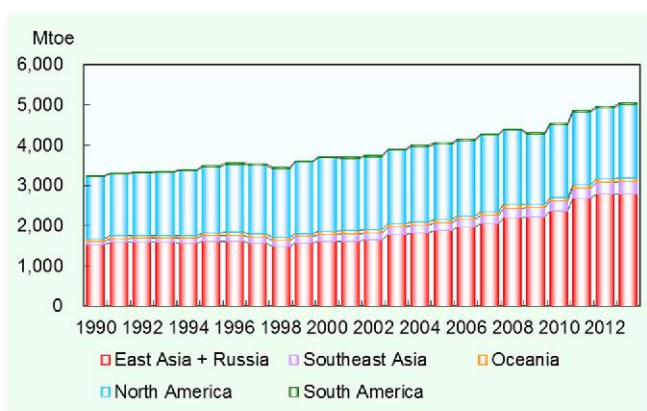
Total Final Energy Consumption by Sector APEC 20



	1990	1995	2000	2005	2010	2013
Mtoe						
Industry	1,129.3	1,182.3	1,244.3	1,304.2	1,619.7	1,890.7
Transport	861.0	924.7	1,040.8	1,160.1	1,226.5	1,317.5
Residential / Commercial	821.4	952.5	998.0	1,071.6	1,135.7	1,164.2
Others	423.8	426.6	431.3	526.3	570.3	686.6
Total	3,235.6	3,486.1	3,714.4	4,062.3	4,552.1	5,059.0
Share (%)						
Industry	34.9	33.9	33.5	32.1	35.6	37.4
Transport	26.6	26.5	28.0	28.6	26.9	26.0
Residential / Commercial	25.4	27.3	26.9	26.4	24.9	23.0
Others	13.1	12.2	11.6	13.0	12.5	13.6

Final Energy Consumption

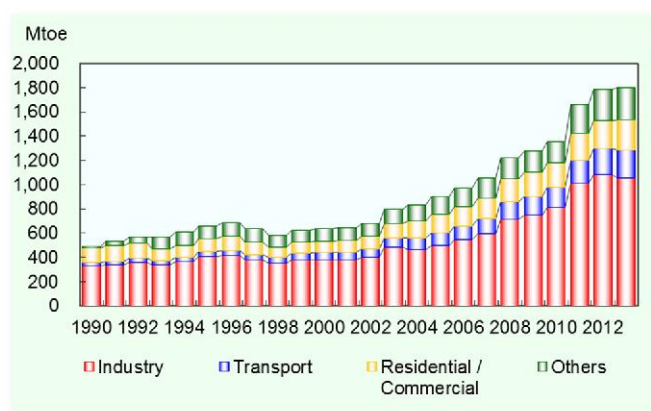
Total Final Energy Consumption by Region APEC 20



	1990	1995	2000	2005	2010	Mtoe 2013
East Asia + Russia	1,521.6	1,611.6	1,606.5	1,877.2	2,358.1	2,784.3
Southeast Asia	92.5	137.2	162.6	199.8	252.2	312.0
Oceania	66.8	74.2	83.4	85.8	90.5	95.1
North America	1,534.7	1,637.9	1,830.6	1,866.5	1,811.9	1,823.0
South America	19.9	25.1	31.3	33.1	39.4	44.5
Total	3,235.6	3,486.1	3,714.4	4,062.3	4,552.1	5,059.0

	1990	1995	2000	2005	2010	Share (%) 2013
East Asia + Russia	47.0	46.2	43.3	46.2	51.8	55.0
Southeast Asia	2.9	3.9	4.4	4.9	5.5	6.2
Oceania	2.1	2.1	2.2	2.1	2.0	1.9
North America	47.4	47.0	49.3	45.9	39.8	36.0
South America	0.6	0.7	0.8	0.8	0.9	0.9

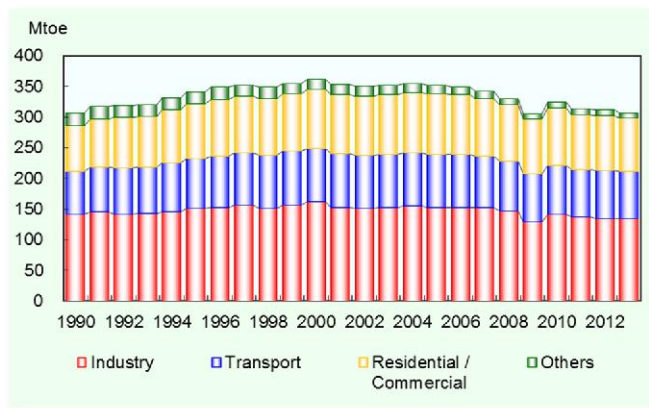
Total Final Energy Consumption by Sector China



	1990	1995	2000	2005	2010	2013
						Mtoe
Industry	329.8	410.0	379.3	497.5	809.8	1,054.3
Transport	28.8	36.4	60.1	105.0	166.5	227.5
Residential / Commercial	118.4	107.0	96.0	153.4	204.4	250.0
Others	13.0	107.3	99.3	147.8	175.1	270.1
Total	489.9	660.7	634.7	903.6	1,355.9	1,802.0
						Share (%)
Industry	67.3	62.1	59.8	55.0	59.7	58.5
Transport	5.9	5.5	9.5	11.6	12.3	12.6
Residential / Commercial	24.2	16.2	15.1	17.0	15.1	13.9
Others	2.6	16.2	15.6	16.4	12.9	15.0

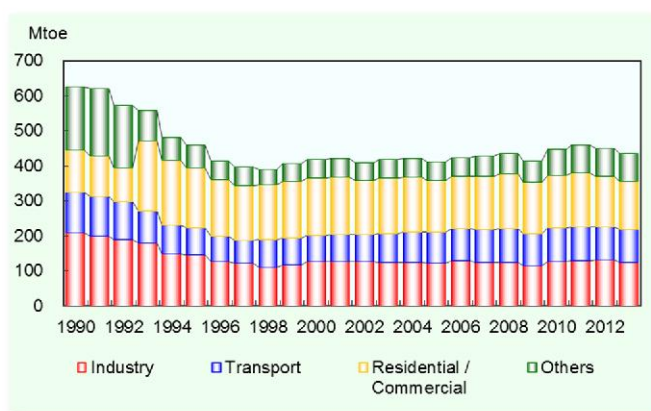
Final Energy Consumption

Total Final Energy Consumption by Sector Japan



	1990	1995	2000	2005	2010	2013
						Mtoe
Industry	141.3	150.9	161.5	152.7	141.2	134.8
Transport	70.0	81.4	87.4	86.9	80.3	75.9
Residential / Commercial	75.0	89.6	96.5	98.8	92.6	87.6
Others	19.5	19.0	16.7	13.9	9.5	8.2
Total	305.8	340.9	362.1	352.3	323.7	306.5
						Share (%)
Industry	46.2	44.3	44.6	43.4	43.6	44.0
Transport	22.9	23.9	24.1	24.7	24.8	24.8
Residential / Commercial	24.5	26.3	26.7	28.0	28.6	28.6
Others	6.4	5.6	4.6	3.9	2.9	2.7

Total Final Energy Consumption by Sector Russia

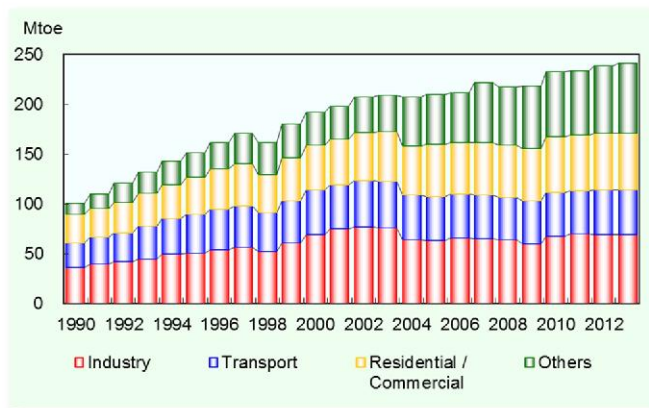


	1990	1995	2000	2005	2010	2013
Industry	208.7	146.7	127.8	123.0	126.3	123.7
Transport	115.9	76.1	74.5	88.6	96.5	93.5
Residential / Commercial	119.7	172.4	162.9	145.3	148.5	137.7
Others	180.7	63.1	52.7	55.1	75.0	79.7
Total	625.0	458.3	417.9	412.0	446.4	434.5

	1990	1995	2000	2005	2010	2013
Industry	33.4	32.0	30.6	29.9	28.3	28.5
Transport	18.5	16.6	17.8	21.5	21.6	21.5
Residential / Commercial	19.2	37.6	39.0	35.3	33.3	31.7
Others	28.9	13.8	12.6	13.4	16.8	18.3

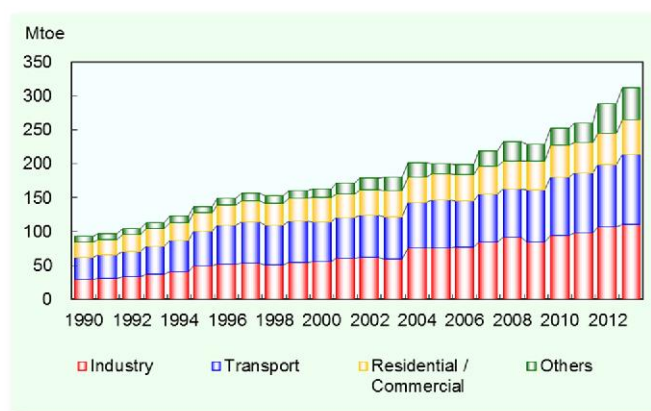
Final Energy Consumption

Total Final Energy Consumption by Sector Other East Asia



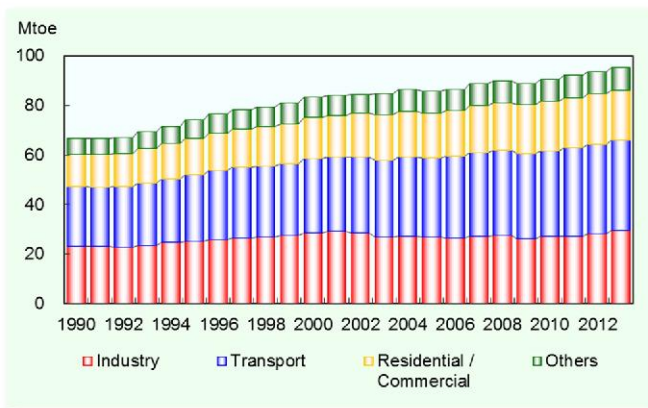
	1990	1995	2000	2005	2010	2013
	Mtoe					
Industry	36.4	50.5	69.6	63.4	67.4	69.0
Transport	24.4	38.8	44.5	44.2	43.9	45.3
Residential / Commercial	28.7	37.6	44.7	52.3	55.7	56.2
Others	11.4	24.8	33.1	49.5	65.1	70.9
Total	100.9	151.7	191.9	209.4	232.2	241.3
	Share (%)					
	1990	1995	2000	2005	2010	2013
Industry	36.1	33.3	36.3	30.3	29.0	28.6
Transport	24.2	25.6	23.2	21.1	18.9	18.8
Residential / Commercial	28.4	24.8	23.3	25.0	24.0	23.3
Others	11.3	16.3	17.2	23.6	28.0	29.4

Total Final Energy Consumption by Sector Southeast Asia



	1990	1995	2000	2005	2010	2013
						Mtoe
Industry	29.5	49.2	55.9	75.9	94.9	110.9
Transport	32.9	51.5	58.6	70.8	84.8	102.4
Residential / Commercial	22.2	27.8	35.4	38.1	47.9	51.3
Others	7.9	8.8	12.6	14.9	24.6	47.4
Total	92.5	137.2	162.6	199.8	252.2	312.0
						Share (%)
Industry	31.9	35.8	34.4	38.0	37.6	35.5
Transport	35.5	37.5	36.1	35.4	33.6	32.8
Residential / Commercial	24.0	20.2	21.8	19.1	19.0	16.4
Others	8.5	6.4	7.8	7.5	9.7	15.2

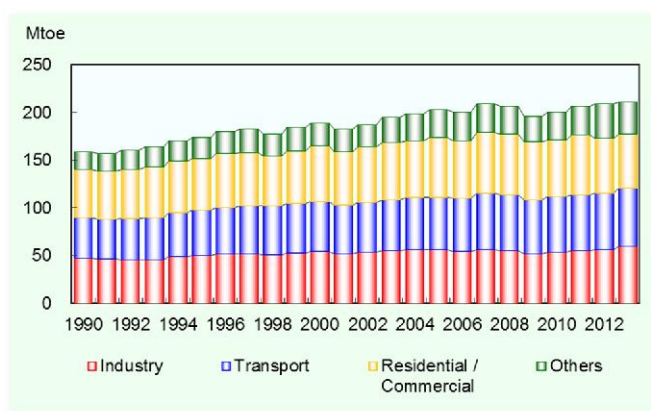
Total Final Energy Consumption by Sector Oceania



	1990	1995	2000	2005	2010	2013
Industry	22.9	25.1	28.5	26.8	27.0	29.6
Transport	24.3	27.0	30.0	32.0	34.6	36.3
Residential / Commercial	13.0	14.6	16.5	18.1	20.0	20.0
Others	6.6	7.5	8.4	8.9	8.9	9.2
Total	66.8	74.2	83.4	85.8	90.5	95.1

	1990	1995	2000	2005	2010	2013
Industry	34.3	33.8	34.2	31.3	29.9	31.1
Transport	36.3	36.4	36.0	37.3	38.3	38.1
Residential / Commercial	19.5	19.7	19.8	21.1	22.1	21.1
Others	9.9	10.1	10.0	10.3	9.8	9.7

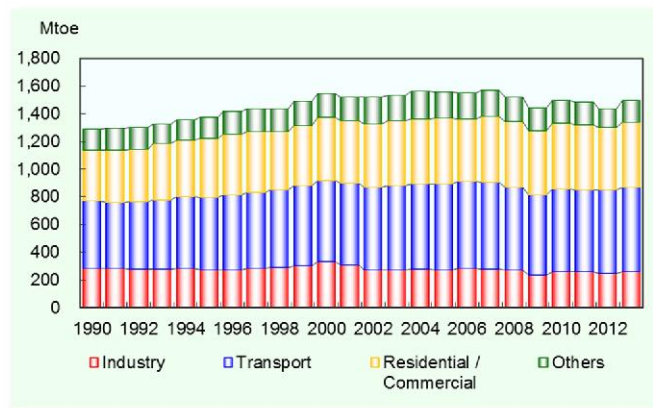
Total Final Energy Consumption by Sector Canada



	1990	1995	2000	2005	2010	2013
						Mtoe
Industry	46.9	49.9	54.4	55.7	53.1	59.8
Transport	43.1	47.8	52.1	55.4	58.8	61.1
Residential / Commercial	50.4	53.8	58.0	62.9	59.2	56.6
Others	18.3	22.0	24.2	28.8	29.2	33.2
Total	158.8	173.4	188.7	202.8	200.2	210.7
						Share (%)
Industry	29.6	28.7	28.8	27.5	26.5	28.4
Transport	27.2	27.5	27.6	27.3	29.3	29.0
Residential / Commercial	31.8	31.0	30.7	31.0	29.5	26.9
Others	11.5	12.7	12.8	14.2	14.6	15.7

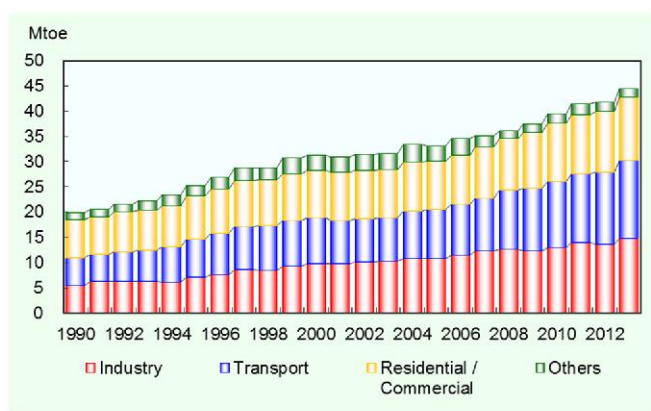
Final Energy Consumption

Total Final Energy Consumption by Sector United States



	1990	1995	2000	2005	2010	2013
						Mtoe
Industry	281.8	270.0	329.5	271.4	259.4	259.0
Transport	487.6	527.6	588.3	623.1	596.0	608.9
Residential / Commercial	369.2	421.0	457.1	472.1	474.4	470.9
Others	153.1	156.4	168.6	191.7	168.2	155.3
Total	1,291.6	1,375.1	1,543.6	1,558.4	1,498.0	1,494.0
						Share (%)
Industry	21.8	19.6	21.3	17.4	17.3	17.3
Transport	37.7	38.4	38.1	40.0	39.8	40.8
Residential / Commercial	28.6	30.6	29.6	30.3	31.7	31.5
Others	11.9	11.4	10.9	12.3	11.2	10.4

Total Final Energy Consumption by Sector South America

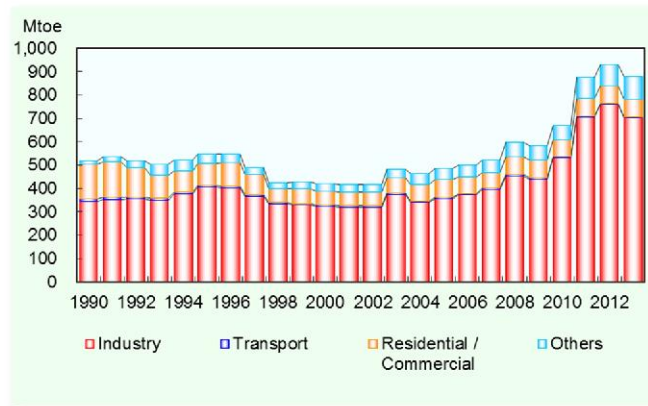


	1990	1995	2000	2005	2010	Mtoe 2013
Industry	5.4	7.1	9.8	10.8	12.9	14.8
Transport	5.5	7.6	9.0	9.6	13.2	15.4
Residential / Commercial	7.5	8.4	9.3	9.5	11.5	12.5
Others	1.4	2.0	3.1	3.1	1.8	1.8
Total	19.9	25.1	31.3	33.1	39.4	44.5

	1990	1995	2000	2005	2010	Share (%) 2013
Industry	27.0	28.2	31.4	32.7	32.8	33.3
Transport	27.9	30.3	28.9	29.2	33.4	34.6
Residential / Commercial	37.9	33.5	29.8	28.9	29.2	28.1
Others	7.1	7.9	10.0	9.3	4.6	3.9

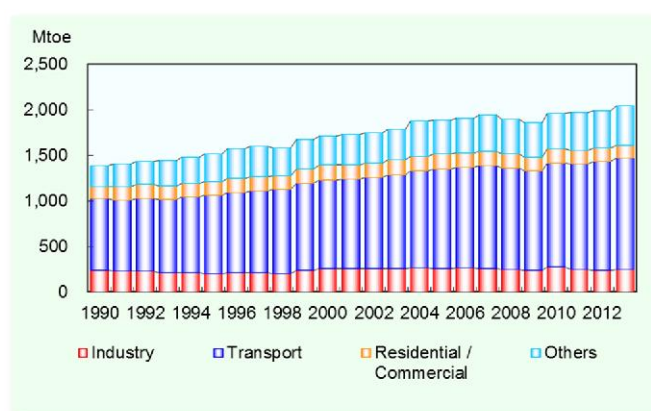
Final Energy Consumption

Coal++ Demand by Sector APEC 20



	1990	1995	2000	2005	2010	2013
	Mtoe					
Industry	344.2	404.5	324.1	355.4	533.8	703.8
Transport	11.2	7.1	5.6	5.7	3.5	3.1
Residential / Commercial	148.4	96.4	60.0	76.8	71.2	74.7
Others	14.1	39.4	29.6	48.7	61.2	99.8
Total	517.8	547.4	419.4	486.5	669.7	881.4
	Share (%)					
Industry	66.5	73.9	77.3	73.0	79.7	79.8
Transport	2.2	1.3	1.3	1.2	0.5	0.3
Residential / Commercial	28.7	17.6	14.3	15.8	10.6	8.5
Others	2.7	7.2	7.1	10.0	9.1	11.3

Oil Demand by Sector APEC 20

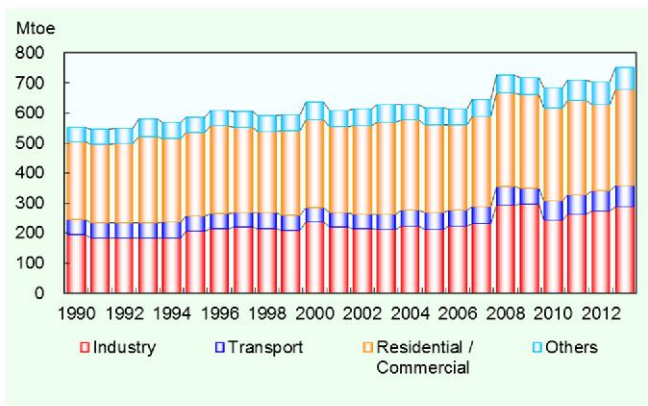


	1990	1995	2000	2005	2010	2013
Industry	237.2	203.7	254.1	261.8	273.8	244.6
Transport	784.8	856.3	976.9	1,085.8	1,141.3	1,223.4
Residential / Commercial	135.1	147.2	163.2	164.2	156.7	138.4
Others	228.6	307.7	317.3	375.5	386.2	434.3
Total	1,385.7	1,514.9	1,711.5	1,887.3	1,958.1	2,040.7

	1990	1995	2000	2005	2010	2013
Industry	17.1	13.4	14.8	13.9	14.0	12.0
Transport	56.6	56.5	57.1	57.5	58.3	60.0
Residential / Commercial	9.7	9.7	9.5	8.7	8.0	6.8
Others	16.5	20.3	18.5	19.9	19.7	21.3

Final Energy Consumption

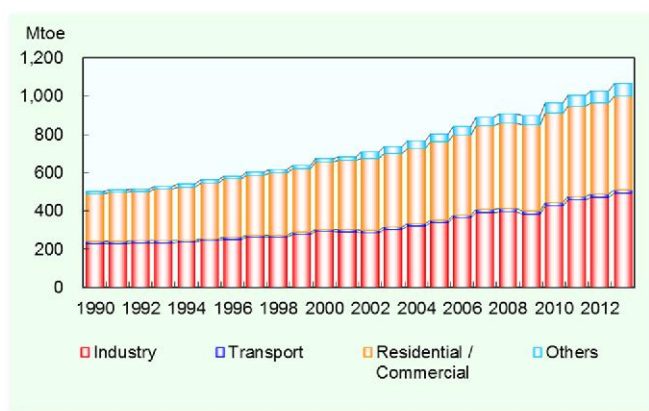
Gas++ Demand by Sector APEC 20



	1990	1995	2000	2005	2010	2013
Industry	194.3	206.2	236.2	212.8	243.6	287.2
Transport	52.5	51.1	47.3	54.1	64.5	70.7
Residential / Commercial	257.4	278.6	293.8	293.6	309.4	319.7
Others	47.8	50.6	58.0	55.6	66.0	74.7
Total	551.9	586.5	635.4	616.2	683.4	752.3

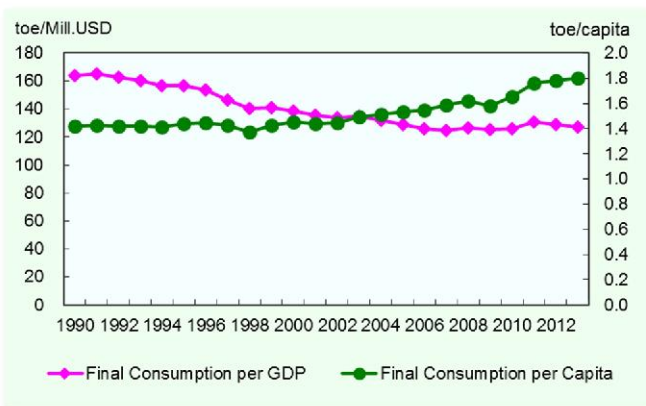
	1990	1995	2000	2005	2010	2013
Industry	35.2	35.2	37.2	34.5	35.6	38.2
Transport	9.5	8.7	7.4	8.8	9.4	9.4
Residential / Commercial	46.6	47.5	46.2	47.7	45.3	42.5
Others	8.7	8.6	9.1	9.0	9.7	9.9

Electricity Demand by Sector APEC 20



	1990	1995	2000	2005	2010	2013
Mtoe						
Industry	229.5	245.7	292.5	337.4	426.2	492.5
Transport	12.6	10.1	10.9	14.5	17.2	20.4
Residential / Commercial	246.5	291.0	351.5	410.0	470.8	489.2
Others	13.1	15.9	17.4	41.8	51.0	65.1
Total	501.7	562.7	672.4	803.7	965.2	1,067.1
Share (%)						
	1990	1995	2000	2005	2010	2013
Industry	45.7	43.7	43.5	42.0	44.2	46.2
Transport	2.5	1.8	1.6	1.8	1.8	1.9
Residential / Commercial	49.1	51.7	52.3	51.0	48.8	45.8
Others	2.6	2.8	2.6	5.2	5.3	6.1

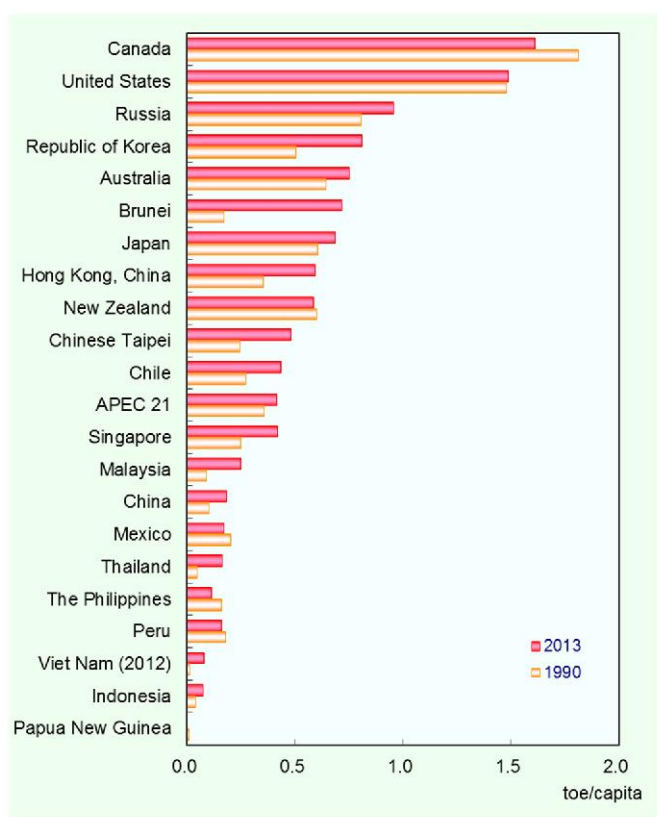
Final Consumption per Capita and GDP APEC 20



	1990	1995	2000	2005	2010	2013
Population (mill.)	2,284	2,426	2,553	2,655	2,750	2,806
Final Consumption per Capita	1.42	1.44	1.45	1.53	1.66	1.80

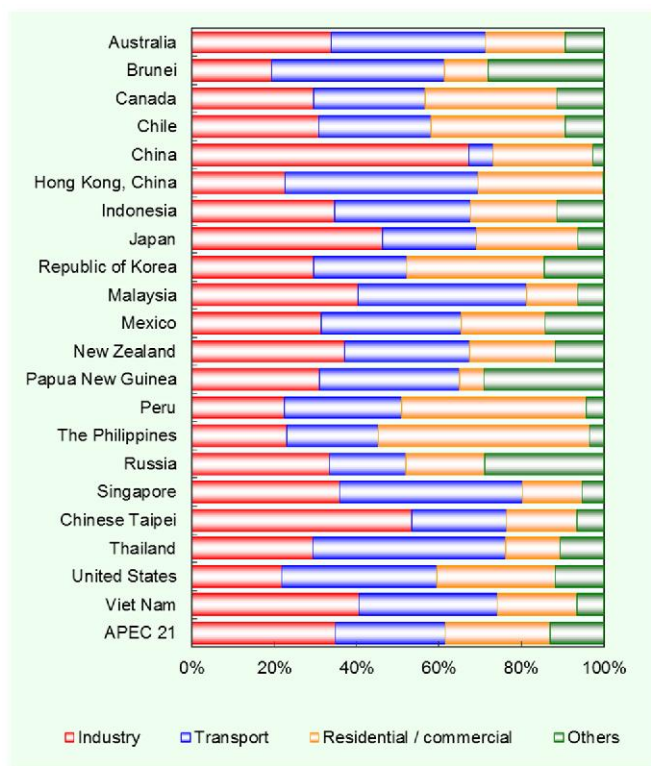
	1990	1995	2000	2005	2010	2013
GDP (bill. US\$)	19,705	22,283	26,760	31,500	36,073	38,544
Final Consumption per GDP	164.20	156.45	138.81	128.96	126.19	128.85

Energy Consumption in Residential/Commercial: APEC 20

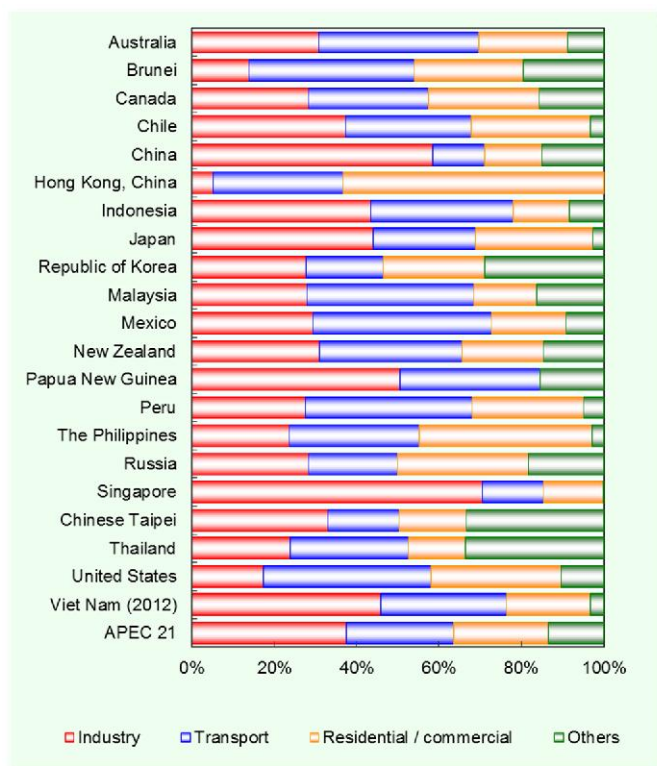


Final Energy Consumption

Final Energy Consumption by Sector 1990

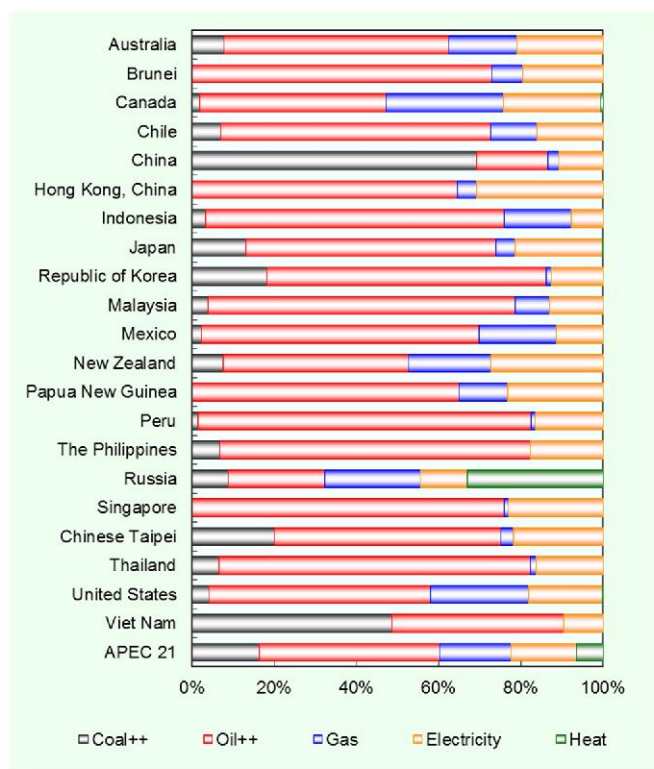


Final Energy Consumption by Sector 2013

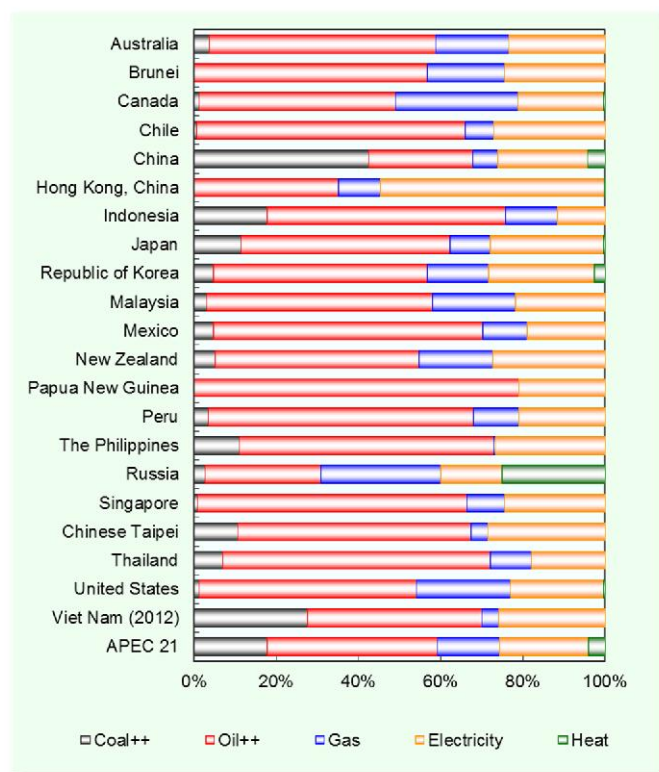


Final Energy Consumption

Final Energy Consumption by Energy 1990



Final Energy Consumption by Energy 2013



Final Energy Consumption

APEC 20, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	3,185,988	-	1,692,818	12
2 Import	427,878	8,195	1,283,855	481,291
3 Export	-598,831	-6,849	-529,949	-541,887
4 International Marine Bunkers	-1	-	-	-91,342
5 International Aviation Bunkers	-	-	-	-70,899
6 Stock Change	-20,800	-13,871	15,586	12,524
7 Total Primary Energy Supply	2,994,241	-12,525	2,482,110	-210,300
8 Transfers	-	-	-70,909	106,867
9 Main Activity Producer	-1,526,852	-6,655	-9,719	-54,879
10 Autoproducers	-179,046	-39,121	-816	-29,964
11 Gas Processing	-6,237	-234	2,237	-1,922
12 Petroleum Refineries	-	-	-2,397,861	2,403,155
13 Coal Transformation	-526,677	258,731	-	934
14 Other Transformation	-	-	52,523	-73,077
15 Loss & Own Use	-59,889	-17,466	-11,382	-94,309
16 Discrepancy	6,770	-4,632	-15,970	-14,433
17 Total Final Energy Consumption	702,311	179,069	10,213	2,030,503
18 Industry Sector	553,566	150,201	638	243,912
19 Transport Sector	3,070	16	-	1,223,413
20 Other Sector	102,377	6,318	73	238,115
20.1 Residential & Commercial	89,048	5,648	-	138,406
20.2 Agriculture	12,632	470	11	55,012
20.3 Other	20,898	200	62	44,897
21 Non-energy	43,298	22,534	9,501	325,063

Australia, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	283,819	-	20,093	-
2 Import	-	26	25,241	20,014
3 Export	-216,616	-449	-13,232	-2,282
4 International Marine Bunkers	-	-	-	-694
5 International Aviation Bunkers	-	-	-	-3,372
6 Stock Change	-1,128	23	177	-46
7 Total Primary Energy Supply	46,076	-400	32,279	13,611
8 Transfers	-	-	862	3,400
9 Main Activity Producer	-41,375	-37	-	-232
10 Autoproducers	-	-72	-	-672
11 Gas Processing	-	-	-	-3
12 Petroleum Refineries	-	-	-31,947	31,397
13 Coal Transformation	-2,853	1,687	-	-
14 Other Transformation	-	-	216	-
15 Loss & Own Use	-	-529	-46	-4,098
16 Discrepancy	232	66	-1,349	-1,711
17 Total Final Energy Consumption	2,080	715	15	41,681
18 Industry Sector	1,934	698	15	4,468
19 Transport Sector	144	-	-	30,146
20 Other Sector	2	19	-	3,079
20.1 Residential & Commercial	2	19	-	1,027
20.2 Agriculture	-	-	-	2,052
20.3 Other	-	-	-	-
21 Non Energy	-	-	-	3,988

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
1,662,308	173,211	384,938	72,868	246,338	-	-	7,397,290
374,047	-	-	-	1,289	10,952	-	2,587,285
-390,720	-	-	-	-788	-10,295	-	-2,079,320
-	-	-	-	-	-	-	-91,343
-	-	-	-	-	-	-	-70,899
10,875	-	-	-	31	-	-	4,345
1,656,511	173,211	384,938	72,868	245,849	657	-	7,747,357
-	-	-	-	-	-	-	36,968
-589,357	-189,188	-384,938	-87,532	-49,419	1,154,824	119,798	-1,563,945
-136,744	-3,951	-	-2,184	-32,498	108,502	119,034	-196,487
-7,928	-	-	-	-	-	-	-14,085
-	-	-	-	-	-	-	5,294
-48	-	-	-	-	-	-	-267,928
-5,894	-	-	-	-47,274	-	-	-73,621
-186,267	-	-	-	-597	-189,211	-37,868	-606,120
20,799	-71	-0	49	3,389	2,362	-5,791	-7,527
752,275	-	-	3,002	119,451	1,067,135	185,041	5,058,988
287,203	-	-	290	83,354	492,518	99,030	1,890,712
70,666	-	-	-	-	20,364	-	1,317,518
325,823	-	-	2,712	58,097	554,252	98,010	1,381,780
319,888	-	-	2,848	51,054	489,167	88,541	1,164,208
2,810	-	-	27	3,836	18,400	4,744	85,843
3,317	-	-	37	1,207	46,665	2,726	121,630
88,582	-	-	-	-	-	-	468,986

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
52,123	1,563	-	1,266	5,056	-	-	343,920
5,803	-	-	-	0	-	-	50,884
-28,000	-	-	-	-	-	-	-260,589
-	-	-	-	-	-	-	-694
-	-	-	-	-	-	-	-3,372
-	-	-	-	-	-	-	-974
29,727	1,563	-	1,266	5,056	-	-	129,176
-	-	-	-	-	-	-	4,282
-8,584	-1,563	-	-832	-318	19,995	-	-32,744
-2,591	-	-	-328	-238	1,416	-	-2,485
-269	-	-	-	-	-	-	-272
-48	-	-	-	-	-	-	-548
-	-	-	-	-	-	-	-1,211
-7,042	-	-	-	-217	-	-	-0
-	-	-	-	-	-3,694	-	-15,410
2,273	-	-	-0	-0	1	-	-487
13,468	-	-	307	4,284	17,718	-	80,278
7,818	-	-	-	2,978	8,803	-	24,708
516	-	-	-	-	337	-	31,143
4,398	-	-	307	1,308	10,578	-	19,689
4,377	-	-	307	1,308	10,387	-	17,427
19	-	-	-	-	191	-	2,262
-	-	-	-	-	-	-	-
741	-	-	-	-	-	-	4,738

Brunei Darussalam, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	-	-	7,133	-
2 Import	-	-	10	299
3 Export	-	-	-6,707	-87
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-88
6 Stock Change	-	-	44	-8
7 Total Primary Energy Supply	-	-	479	115
8 Transfers	-	-	-	-
9 Main Activity Producer	-	-	-	-11
10 Auto Producers	-	-	-	-
11 Gas Processing	-	-	-	17
12 Petroleum Refineries	-	-	-479	507
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-	-	-	-16
16 Discrepancy	-	-	0	21
17 Total Final Energy Consumption	-	-	-	634
18 Industry Sector	-	-	-	138
19 Transport Sector	-	-	-	447
20 Other Sector	-	-	-	35
20.1 Residential & Commercial	-	-	-	17
20.2 Agriculture	-	-	-	0
20.3 Other	-	-	-	18
21 Non Energy	-	-	-	13

Canada, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	35,039	-	195,249	-
2 Import	5,147	208	37,081	10,862
3 Export	-23,402	-19	-139,121	-24,718
4 International Marine Bunkers	-	-	-	-408
5 International Aviation Bunkers	-	-	-	-826
6 Stock Change	309	90	-289	551
7 Total Primary Energy Supply	17,093	279	92,920	-14,538
8 Transfers	-	-	-8,764	28,813
9 Main Activity Producer	-16,079	-	-	-1,360
10 Auto Producers	-	-	-	-513
11 Gas Processing	-	-	2,237	-
12 Petroleum Refineries	-	-	-94,388	97,023
13 Coal Transformation	-2,468	834	-	-
14 Other Transformation	-	-	1,832	-
15 Loss & Own Use	-	-	-	-8,823
16 Discrepancy	2,657	334	4,162	-4,537
17 Total Final Energy Consumption	1,205	1,447	-	95,865
18 Industry Sector	1,010	1,179	-	7,819
19 Transport Sector	-	-	-	67,978
20 Other Sector	14	-	-	10,306
20.1 Residential & Commercial	14	-	-	5,584
20.2 Agriculture	-	-	-	4,824
20.3 Other	-	-	-	-
21 Non Energy	181	268	-	18,960

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
11,216	-	-	0	-	-	-	18,349
-	-	-	-	-	-	-	309
-8,932	-	-	-	-	-	-	-15,726
-	-	-	-	-	-	-	-88
-32	-	-	-	-	-	-	3
2,252	-	-	0	-	-	-	2,847
-	-	-	-	-	-	-	-
-1,105	-	-	-0	-	339	-	-777
-157	-	-	-	-	40	-	-117
449	-	-	-	-	-	-	486
-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-1,227	-	-	-	-	-99	-	-1,312
-1	-	-	-	-	-38	-	-18
211	-	-	-	-	271	-	1,116
-	-	-	-	-	16	-	156
-	-	-	-	-	-	-	447
23	-	-	-	-	255	-	313
23	-	-	-	-	255	-	295
-	-	-	-	-	-	-	0
-	-	-	-	-	-	-	18
187	-	-	-	-	-	-	200

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
130,348	33,890	22,758	1,067	12,958	-	-	431,107
22,297	-	-	-	1,003	1,472	-	76,099
-68,866	-	-	-	-776	-5,772	-	-262,663
-	-	-	-	-	-	-	-408
-	-	-	-	-	-	-	-826
-	-	-	-	-	-	-	680
63,788	33,890	22,758	1,067	13,186	-4,300	-	246,940
-	-	-	-	-	-	-	21,850
-8,749	-31,003	-22,755	-1,028	-10	49,802	592	-30,592
-4,413	-2,687	-	-2	-1,308	4,823	51	-3,950
-2,198	-	-	-	-	-	-	39
-	-	-	-	-	-	-	2,636
-	-	-	-	-	-	-	-1,631
967	-	-	-	-1,833	-	-	-866
-16,515	-	-	-	-1	-8,864	-	-33,293
7,741	-	-	0	2	255	0	10,514
58,786	-	-	37	10,036	41,726	642	210,744
27,213	-	-	-	8,607	15,523	641	59,793
2,766	-	-	-	-	405	-	61,139
26,236	-	-	37	3,428	25,798	1	65,823
25,408	-	-	-	3,427	22,111	1	56,646
828	-	-	-	0	856	-	6,310
-	-	-	37	-	2,831	-	2,868
3,681	-	-	-	-	-	-	23,990

Chile, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	1,581	-	639	-
2 Import	6,155	23	9,847	7,894
3 Export	-662	-	-	-942
4 International Marine Bunkers	-	-	-	-207
5 International Aviation Bunkers	-	-	-	-630
6 Stock Change	-447	-18	-208	-48
7 Total Primary Energy Supply	6,638	5	9,978	5,866
8 Transfers	-	-	645	-606
9 Main Activity Producer	-6,835	-	-	-966
10 Auto Producers	-	-	-	-177
11 Gas Processing	-	-	-	-3
12 Petroleum Refineries	-	-	-10,631	9,622
13 Coal Transformation	-383	202	-	-
14 Other Transformation	-	-	40	-42
15 Loss & Own Use	-4	-182	-	-375
16 Discrepancy	528	-7	-32	222
17 Total Final Energy Consumption	132	19	-	13,541
18 Industry Sector	129	19	-	3,321
19 Transport Sector	-	-	-	8,076
20 Other Sector	2	-	-	1,700
20.1 Residential & Commercial	-	-	-	1,489
20.2 Agriculture	-	-	-	-
20.3 Other	2	-	-	211
21 Non Energy	-	-	-	444

People's Republic of China, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	1,938,443	-	212,754	-
2 Import	123,839	24	281,742	62,039
3 Export	-4,266	-3,177	-1,617	-32,780
4 International Marine Bunkers	-	-	-	-7,713
5 International Aviation Bunkers	-	-	-	-6,585
6 Stock Change	-22,779	-13,822	-3,334	-8,942
7 Total Primary Energy Supply	2,036,248	-16,978	489,544	-1,981
8 Transfers	-	-	-	-
9 Main Activity Producer	-827,279	-1,524	-104	-3,271
10 Auto Producers	-136,260	-27,923	-34	-3,286
11 Gas Processing	-4,421	-234	-	-
12 Petroleum Refineries	-	-	-490,468	625,136
13 Coal Transformation	-401,572	189,859	-	-
14 Other Transformation	-	-	9,866	-61,797
15 Loss & Own Use	-58,480	-7,037	-6,312	-4,784
16 Discrepancy	9,619	18	-822	-30
17 Total Final Energy Consumption	616,844	136,182	1,469	419,975
18 Industry Sector	472,591	109,775	590	96,128
19 Transport Sector	2,926	15	-	200,820
20 Other Sector	98,427	4,853	-	87,476
20.1 Residential & Commercial	65,342	4,183	-	36,109
20.2 Agriculture	12,505	470	-	16,866
20.3 Other	20,580	200	-	34,503
21 Non Energy	42,901	21,539	879	65,761

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
812	1,897	-	67	10,248	-	-	14,965
3,282	-	-	-	29	-	-	28,810
-	-	-	-	-	-	-	-1,604
-	-	-	-	-	-	-	-207
-	-	-	-	-	-	-	-630
-19	-	-	-	84	-	-	-676
4,055	1,897	-	67	10,342	-	-	38,649
-	-	-	-	-	-	-	39
-1,968	-1,882	-	-47	-553	5,731	-	-8,118
-112	-16	-	-2	-3,679	562	26	-3,407
10	-	-	-	-	-	-	7
-	-	-	-	-	-	-	-1,009
-0	-	-	-	-	-	-	-191
-	-	-	-	-278	-	-	-280
-518	-	-	-	-	-780	-	-1,969
64	0	-	0	-0	102	-26	849
1,432	-	-	19	5,833	5,605	-	28,581
670	-	-	2	2,096	3,667	-	9,903
28	-	-	-	-	44	-	8,148
548	-	-	17	3,737	1,895	-	7,899
548	-	-	17	3,737	1,873	-	7,683
-	-	-	-	-	-	-	-
0	-	-	-	-	22	-	238
187	-	-	-	-	-	-	631

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
112,521	79,145	29,088	12,821	71,481	-	-	2,458,051
49,253	-	-	-	-	640	-	507,538
-2,566	-	-	-	-	-1,606	-	-46,892
-	-	-	-	-	-	-	-7,713
-	-	-	-	-	-	-	-6,585
-	-	-	-	-	-	-	-48,878
159,218	79,145	29,088	12,821	71,481	-966	-	2,656,420
-	-	-	-	-	-	-	-
-21,243	-79,145	-29,088	-12,821	-32,793	422,205	47,600	-537,283
-6,283	-	-	-	-	44,816	39,543	-88,340
-205	-	-	-	-	-	-	-4,859
-	-	-	-	-	-	-	-34,678
-	-	-	-	-	-	-	-211,714
-	-	-	-	-9,656	-	-	-51,797
-24,758	-	-	-	-381	-80,616	-11,541	-193,830
-114	-	-	-	1	6	4	8,652
107,515	-	-	-	28,642	385,633	75,597	1,801,957
48,898	-	-	-	11,471	262,728	52,170	1,054,350
16,331	-	-	-	-	8,608	-	227,499
58,095	-	-	-	17,171	114,299	23,427	583,748
34,716	-	-	-	12,686	75,248	20,682	249,966
65	-	-	-	3,283	8,831	28	42,047
3,316	-	-	-	1,201	29,220	2,716	91,736
6,280	-	-	-	-	-	-	136,360

Hong Kong, China, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	-	-	-	-
2 Import	8,171	-	-	17,995
3 Export	-1	-	-	-821
4 International Marine Bunkers	-	-	-	-8,801
5 International Aviation Bunkers	-	-	-	-5,656
6 Stock Change	-401	-	-	272
7 Total Primary Energy Supply	7,769	-	-	3,189
8 Transfers	-	-	-	-
9 Main Activity Producer	-7,769	-	-	-44
10 Auto Producers	-	-	-	-
11 Gas Processing	-	-	-	-351
12 Petroleum Refineries	-	-	-5	6
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	5	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	-0	-	-	-433
17 Total Final Energy Consumption	0	-	-	2,366
18 Industry Sector	0	-	-	101
19 Transport Sector	-	-	-	2,055
20 Other Sector	-	-	-	210
20.1 Residential & Commercial	-	-	-	210
20.2 Agriculture	-	-	-	-
20.3 Other	-	-	-	-
21 Non Energy	-	-	-	-

Indonesia, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	264,059	-	47,752	-
2 Import	65	-	18,061	31,660
3 Export	-193,301	-	-17,945	-428
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-
6 Stock Change	-13,343	-	985	8,817
7 Total Primary Energy Supply	57,479	-	48,664	40,048
8 Transfers	-	-	-	-
9 Main Activity Producer	-32,424	-	-	-6,427
10 Auto Producers	-	-	-	-
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-47,648	51,082
13 Coal Transformation	-9	8	-	-
14 Other Transformation	-	-	-	-3,516
15 Loss & Own Use	-	-	-	-
16 Discrepancy	0	-	-918	-38
17 Total Final Energy Consumption	25,047	8	-	81,148
18 Industry Sector	25,047	8	-	16,837
19 Transport Sector	-	-	-	48,446
20 Other Sector	-	-	-	12,313
20.1 Residential & Commercial	-	-	-	8,352
20.2 Agriculture	-	-	-	-
20.3 Other	-	-	-	3,962
21 Non Energy	-	-	-	3,763

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
-	0	-	1	63	-	-	64
2,307	-	-	-	16	921	-	29,410
-	-	-	-	-6	-142	-	-770
-	-	-	-	-	-	-	-8,801
-	-	-	-	-	-	-	-5,656
-	-	-	-	-	-	-	-126
2,307	0	-	1	73	779	-	14,118
-	-	-	-	-	-	-	-
-1,825	-	-	-0	-	3,359	-	-8,078
-	-0	-	-1	-13	3	0	-10
-	-	-	-	-	-	-	-351
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-
-	-	-	-	-27	-	-	-22
-	-	-	-	-	-479	-	-479
0	-	-	0	0	-0	-	-433
682	-	-	-	34	3,683	0	6,748
29	-	-	-	-	218	-	348
-	-	-	-	-	67	-	2,121
653	-	-	-	34	3,378	0	4,276
653	-	-	-	34	3,378	0	4,276
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
86,955	1,456	-	8,649	894	-	-	389,784
-	-	-	-	-	261	-	50,077
-32,384	-	-	-	-	-	-	-244,060
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-3,881
34,571	1,456	-	8,649	894	261	-	191,920
-	-	-	-	-	-	-	-
-11,725	-1,456	-	-8,649	-	16,689	-	-42,091
-	-	-	-	-	-	-	-
-2,248	-	-	-	-	-	-	-2,248
-	-	-	-	-	-	-	3,436
-	-	-	-	-	-	-	-2
-	-	-	-	-894	-	-	-4,410
-6,453	-	-	-	-	-3,661	-	-10,014
3,550	-	-	-	-	840	-	3,434
17,587	-	-	-	-	16,129	-	140,029
13,477	-	-	-	-	5,537	-	60,705
26	-	-	-	-	11	-	48,483
216	-	-	-	-	10,581	-	23,111
216	-	-	-	-	10,581	-	19,149
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	3,962
3,977	-	-	-	-	-	-	7,730

Japan, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	676	-	688	-
2 Import	116,750	1,018	182,014	47,283
3 Export	-	-893	-	-26,942
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-
6 Stock Change	124	-	13,419	12,134
7 Total Primary Energy Supply	117,550	123	196,030	32,474
8 Transfers	-	-	-427	366
9 Main Activity Producer	-53,881	-4,109	-9,815	-16,222
10 Auto Producers	-11,470	-2,912	-	-11,044
11 Gas Processing	-	-	-	-1,338
12 Petroleum Refineries	-	-	-173,412	171,012
13 Coal Transformation	-36,115	32,989	-	934
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-513	-2,927	-	-10,649
16 Discrepancy	-14	-3,868	-12,578	-8,263
17 Total Final Energy Consumption	16,568	19,296	-	165,400
18 Industry Sector	16,568	18,703	-	60,406
19 Transport Sector	-	-	-	74,021
20 Other Sector	-	583	-	27,441
20.1 Residential & Commercial	-	593	-	23,179
20.2 Agriculture	-	-	-	2,795
20.3 Other	-	-	-	1,466
21 Non Energy	-	-	-	3,532

Republic of Korea, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	808	-	805	-
2 Import	76,574	251	125,526	40,423
3 Export	-	-	-286	-66,580
4 International Marine Bunkers	-	-	-	-8,333
5 International Aviation Bunkers	-	-	-	-4,276
6 Stock Change	-312	-	1,041	-1,549
7 Total Primary Energy Supply	77,069	251	126,886	-30,316
8 Transfers	-	-	58	-43
9 Main Activity Producer	-47,127	-812	-	-3,904
10 Auto Producers	-3,013	-2,501	-	-1,393
11 Gas Processing	-	-	-	-166
12 Petroleum Refineries	-	-	-132,816	130,811
13 Coal Transformation	-22,279	10,026	-	-
14 Other Transformation	-	-	8,193	-7,561
15 Loss & Own Use	-	-2,822	-3	-6,051
16 Discrepancy	-348	-725	-2,319	3,546
17 Total Final Energy Consumption	4,302	3,416	-	84,823
18 Industry Sector	4,302	2,090	-	3,479
19 Transport Sector	-	-	-	29,953
20 Other Sector	-	853	-	8,178
20.1 Residential & Commercial	-	853	-	5,091
20.2 Agriculture	-	-	-	1,161
20.3 Other	-	-	-	1,927
21 Non Energy	-	474	-	43,314

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
2,961	6,960	3,808	3,147	5,697	-	-	23,534
103,270	-	-	-	-	-	-	450,333
-	-	-	-	-	-	-	-27,835
-	-	-	-	-	-	-	-
-3	-	-	-	-	-	-	26,674
105,918	6,960	3,808	3,147	5,697	-	-	471,705
-	-	-	-	-	-	-	-63
-89,938	-6,271	-3,808	-2,221	-188	70,321	611	-95,317
-3,753	-888	-	-602	-8,016	23,223	176	-16,086
964	-	-	-	-	-	-	-375
-	-	-	-	-	-	-	-2,401
-	-	-	-	-	-	-	-4,069
-	-	-	-	-	-	-	-
-4,748	-	-	-	-	-10,400	-	-29,238
1,168	0	-	-0	3,973	1,018	-74	-18,638
29,511	-	-	324	1,496	84,162	713	306,530
14,838	-	-	-	1,447	33,786	-	134,837
89	-	-	-	-	1,835	-	75,945
14,584	-	-	324	18	48,541	713	92,214
14,584	-	-	324	19	48,234	637	87,570
-	-	-	-	-	307	76	3,178
-	-	-	-	-	-	-	1,488
-	-	-	-	-	-	-	3,532

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
415	389	36,167	393	4,898	-	-	43,423
47,969	-	-	-	-	-	-	290,441
-	-	-	-	-	-	-	-56,886
-	-	-	-	-	-	-	-8,333
-	-	-	-	-	-	-	-4,276
-464	-	-	-	-	-	-	-1,285
47,818	369	36,167	393	4,696	-	-	263,103
-	-	-	-	-	-	-	15
-22,167	-369	-36,167	-253	-129	43,837	1,751	-65,331
-819	-	-	-25	-1,253	2,422	3,046	-3,336
48	-	-	-	-	-	-	-120
-	-	-	-	-	-	-	-2,004
-	-	-	-	-	-	-	-12,254
-	-	-	-	-318	-	-	315
-213	-	-	-	-	-4,401	-145	-13,636
-534	-	-	0	53	35	-396	-687
24,140	-	-	115	3,020	41,893	4,256	166,065
9,803	-	-	3	2,167	21,990	2,124	46,957
1,204	-	-	-	-	186	-	31,343
13,133	-	-	112	853	19,716	2,133	44,978
13,129	-	-	101	795	18,593	2,133	40,696
3	-	-	11	54	817	-	2,146
-	-	-	-	3	207	-	2,136
-	-	-	-	-	-	-	43,787

Malaysia, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	1,823	-	29,903	-
2 Import	19,900	-	9,103	19,370
3 Export	-326	-	-10,816	-11,976
4 International Marine Bunkers	-	-	-	-348
5 International Aviation Bunkers	-	-	-	-2,397
6 Stock Change	-106	-	526	-1,716
7 Total Primary Energy Supply	15,290	-	28,718	2,932
8 Transfers	-	-	-1,765	1,856
9 Main Activity Producer	-13,519	-	-	-1,016
10 Autoproducers	-	-	-	-22
11 Gas Processing	-	-	-	714
12 Petroleum Refineries	-	-	-26,666	24,711
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	479	-
15 Loss & Own Use	-	-	-	-1,421
16 Discrepancy	-293	-	-763	-979
17 Total Final Energy Consumption	1,538	-	-	26,775
18 Industry Sector	1,538	-	-	2,658
19 Transport Sector	-	-	-	19,447
20 Other Sector	-	-	-	2,668
20.1 Residential & Commercial	-	-	-	1,850
20.2 Agriculture	-	-	-	6
20.3 Other	-	-	-	1,013
21 Non Energy	-	-	-	2,000

Mexico, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	7,260	-	150,059	-
2 Import	4,346	250	411	28,777
3 Export	-3	-1	-67,272	-9,042
4 International Marine Bunkers	-	-	-	-812
5 International Aviation Bunkers	-	-	-	-3,036
6 Stock Change	829	-	-438	216
7 Total Primary Energy Supply	12,432	249	82,760	16,103
8 Transfers	-	-	-8,827	8,030
9 Main Activity Producer	-6,776	-	-	-10,419
10 Autoproducers	-38	-117	-	-1,657
11 Gas Processing	-	-	-	-791
12 Petroleum Refineries	-	-	-74,862	71,004
13 Coal Transformation	-2,155	1,681	-	-
14 Other Transformation	-	-	151	-150
15 Loss & Own Use	-	91	-	-6,547
16 Discrepancy	-13	0	-1,232	-3,214
17 Total Final Energy Consumption	3,450	1,724	-	72,350
18 Industry Sector	3,450	1,588	-	5,773
19 Transport Sector	-	-	-	51,008
20 Other Sector	-	-	-	10,809
20.1 Residential & Commercial	-	-	-	7,712
20.2 Agriculture	-	-	-	2,898
20.3 Other	-	-	-	-
21 Non Energy	-	138	-	4,958

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
58,980	910	-	12	-	-	-	91,528
8,728	-	-	-	-	19	-	51,117
-34,383	-	-	-	-	-2	-	-57,504
-	-	-	-	-	-	-	-348
-	-	-	-	-	-	-	-2,397
-	-	-	-	-	-	-	-1,296
33,223	910	-	12	-	18	-	81,100
-	-	-	-	-	-	-	91
-13,265	-910	-	-12	-	11,485	-	-17,257
-1,819	-	-	-	-	432	-	-1,209
-3,466	-	-	-	-	-	-	-2,742
-	-	-	-	-	-	-	-1,955
-	-	-	-	-	-	-	-
-3,170	-	-	-	-	-	-	-2,691
-1,918	-	-	-	-	-978	-	-4,316
91	-	-	-	-	-350	-	-2,235
9,885	-	-	-	-	10,585	-	48,784
4,634	-	-	-	-	4,806	-	13,638
284	-	-	-	-	21	-	19,751
22	-	-	-	-	5,758	-	8,450
22	-	-	-	-	5,725	-	7,398
-	-	-	-	-	32	-	38
-	-	-	-	-	-	-	1,013
4,945	-	-	-	-	-	-	6,945

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
40,485	2,408	3,075	5,760	9,057	-	-	218,104
21,401	-	-	-	-	104	-	55,288
-82	-	-	-	-	-107	-	-76,516
-	-	-	-	-	-	-	-812
-	-	-	-	-	-	-	-3,036
-	-	-	-	-	-	-	607
51,794	2,408	3,075	5,760	9,057	-3	-	193,635
-	-	-	-	-	-	-	1,204
-26,568	-2,360	-3,075	-5,377	-	22,237	-	-32,338
-6,681	-48	-	-212	-1,475	3,312	-	-8,917
522	-	-	-	-	-	-	-289
-	-	-	-	-	-	-	-3,848
-	-	-	-	-	-	-	-473
-	-	-	-	-	-	-	9
-14,981	-	-	-	-	-4,949	-	-28,577
-1,844	-	-	0	0	178	-	-5,225
12,131	-	-	171	7,581	20,775	-	118,181
10,803	-	-	8	1,481	11,824	-	34,724
19	-	-	-	-	97	-	51,125
965	-	-	163	8,101	8,854	-	29,692
965	-	-	163	8,101	8,482	-	21,422
-	-	-	-	-	884	-	3,782
-	-	-	-	-	1,487	-	1,487
545	-	-	-	-	-	-	5,640

New Zealand, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	2,740	-	1,865	-
2 Import	267	-	5,481	2,168
3 Export	-1,503	-	-1,627	-268
4 International Marine Bunkers	-1	-	-	-304
5 International Aviation Bunkers	-	-	-	-867
6 Stock Change	66	-	-67	-85
7 Total Primary Energy Supply	1,558	-	5,742	845
8 Transfers	-	-	-183	202
9 Main Activity Producer	-399	-	-	-1
10 Autoproducers	-8	-178	-	-
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-5,543	5,572
13 Coal Transformation	-436	274	-	-
14 Other Transformation	-	-	3	-
15 Loss & Own Use	-4	-66	-	-353
16 Discrepancy	-133	0	-9	-134
17 Total Final Energy Consumption	580	40	-	5,930
18 Industry Sector	468	40	-	420
19 Transport Sector	-	-	-	4,578
20 Other Sector	113	-	-	611
20.1 Residential & Commercial	40	-	-	189
20.2 Agriculture	72	-	-	338
20.3 Other	-	-	-	84
21 Non Energy	-	-	-	321

Papua New Guinea, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	-	-	819	-
2 Import	-	-	1,274	1,064
3 Export	-	-	-802	-418
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-
6 Stock Change	-	-	62	-15
7 Total Primary Energy Supply	-	-	1,354	631
8 Transfers	-	-	-	3
9 Main Activity Producer	-	-	-	-102
10 Autoproducers	-	-	-	-663
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-1,337	1,305
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	-	-	-17	-2
17 Total Final Energy Consumption	-	-	-	1,272
18 Industry Sector	-	-	-	559
19 Transport Sector	-	-	-	545
20 Other Sector	-	-	-	168
20.1 Residential & Commercial	-	-	-	-
20.2 Agriculture	-	-	-	-
20.3 Other	-	-	-	168
21 Non Energy	-	-	-	-

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
4,023	1,982	-	4,118	1,162	-	-	15,870
-	-	-	-	1	-	-	7,917
-	-	-	-	-	-	-	-3,298
-	-	-	-	-	-	-	-305
-	-	-	-	-	-	-	-867
-44	-	-	-	-	-	-	-139
3,980	1,982	-	4,118	1,153	-	-	19,178
-	-	-	-	-	-	-	8
-1,492	-1,981	-	-3,819	-39	3,599	-	-4,132
-37	-1	-	-33	-117	121	20	-231
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	29
-0	-	-	-	-	-	-	-183
-	-	-	-	-3	-	-	0
-204	-	-	-	-	-443	-	-1,090
-88	-	-	-0	-0	-18	-20	-400
2,160	-	-	266	993	3,288	-	13,228
988	-	-	171	848	1,168	-	4,095
1	-	-	-	-	5	-	4,584
319	-	-	94	144	2,095	-	3,375
287	-	-	78	144	1,870	-	2,607
32	-	-	17	-	199	-	658
-	-	-	-	-	28	-	110
853	-	-	-	-	-	-	1,174

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
127	88	-	363	-	-	-	1,394
-	-	-	-	-	-	-	2,338
-	-	-	-	-	-	-	-1,219
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	47
127	88	-	363	-	-	-	2,580
-	-	-	-	-	-	-	3
-	-56	-	-	-	84	-	-72
-123	-31	-	-363	-	275	-	-806
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-32
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-3	-	-	-	-	-23	-	-26
-0	-	-	-	-	0	-	-18
-	-	-	-	-	335	-	1,608
-	-	-	-	-	254	-	813
-	-	-	-	-	-	-	545
-	-	-	-	-	81	-	249
-	-	-	-	-	-	-	-
-	-	-	-	-	81	-	249
-	-	-	-	-	-	-	-

Peru, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	137	-	7,364	-
2 Import	728	24	4,573	3,114
3 Export	-89	-24	-741	-4,010
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-
6 Stock Change	82	24	-263	326
7 Total Primary Energy Supply	858	24	10,923	-571
8 Transfers	-	-	-1,644	2,037
9 Main Activity Producer	-192	-	-	-167
10 Autoproducers	-137	-	-	-206
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-9,351	9,154
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	58	-
15 Loss & Own Use	-	-	-	-257
16 Discrepancy	21	-0	18	158
17 Total Final Energy Consumption	549	24	-	10,149
18 Industry Sector	548	24	-	1,314
19 Transport Sector	-	-	-	6,751
20 Other Sector	0	-	-	1,380
20.1 Residential & Commercial	0	-	-	1,192
20.2 Agriculture	-	-	-	44
20.3 Other	-	-	-	144
21 Non Energy	-	-	-	704

The Philippines, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	3,743	-	220	-
2 Import	7,608	-	7,766	7,582
3 Export	-1,785	-	-187	-826
4 International Marine Bunkers	-	-	-	-163
5 International Aviation Bunkers	-	-	-	-1,097
6 Stock Change	447	-	-38	267
7 Total Primary Energy Supply	10,003	-	7,761	5,963
8 Transfers	-	-	-	-
9 Main Activity Producer	-7,805	-	-	-1,077
10 Autoproducers	-	-	-	-
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-7,884	7,762
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	148	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	-0	-	-9	400
17 Total Final Energy Consumption	2,185	-	-	12,248
18 Industry Sector	2,082	-	-	1,281
19 Transport Sector	-	-	-	8,456
20 Other Sector	114	-	-	2,199
20.1 Residential & Commercial	-	-	-	2,004
20.2 Agriculture	-	-	-	34
20.3 Other	114	-	-	160
21 Non Energy	-	-	-	314

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
11,183	1,916	-	2	2,682	-	-	23,184
-	-	-	-	1	0	-	8,438
-6,412	-	-	-	-	-	-	-10,276
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	188
5,781	1,916	-	2	2,583	0	-	21,515
-	-	-	-	-	-	-	393
-3,058	-1,864	-	-2	-156	3,494	-	-1,944
-174	-52	-	-	-167	229	-	-507
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-196
-	-	-	-	-87	-	-	-10
-814	-	-	-	-	-434	-	-1,305
-174	-	-	-	-1	0	-	21
1,761	-	-	-	2,193	3,290	-	17,986
1,052	-	-	-	133	1,871	-	4,942
527	-	-	-	-	0	-	7,279
182	-	-	-	2,080	1,418	-	5,041
182	-	-	-	2,080	1,418	-	4,853
-	-	-	-	-	-	-	44
-	-	-	-	-	-	-	144
-	-	-	-	-	-	-	704

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
3,068	862	-	8,266	9,855	-	-	25,812
-	-	-	-	217	-	-	23,183
-	-	-	-	-	-	-	-2,606
-	-	-	-	-	-	-	-183
-	-	-	-	-	-	-	-1,097
-	-	-	-	-	-	-	676
3,068	862	-	8,266	9,872	-	-	45,783
-	-	-	-	-	-	-	-
-2,883	-962	-	-8,266	-106	6,473	-	-14,527
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-131
-	-	-	-	-	-	-	-
-	-	-	-	-2,330	-	-	-2,181
-116	-	-	-	-	-613	-	-629
0	-	-	-	539	686	-	-1,611
67	-	-	-	6,887	5,295	-	26,704
88	-	-	-	1,091	1,778	-	8,299
1	-	-	-	-	10	-	8,456
-	-	-	-	5,806	3,507	-	11,625
-	-	-	-	5,803	3,347	-	11,154
-	-	-	-	1	141	-	176
-	-	-	-	3	19	-	296
-	-	-	-	-	-	-	314

The Russian Federation, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	184,275	-	624,200	-
2 Import	17,415	112	858	1,832
3 Export	-89,316	-1,749	-237,789	-115,800
4 International Marine Bunkers	-	-	-	-5,079
5 International Aviation Bunkers	-	-	-	-6,073
6 Stock Change	-2,449	-	-1,464	-584
7 Total Primary Energy Supply	109,928	-1,637	285,814	-125,704
8 Transfers	-	-	-	-
9 Main Activity Producer	-49,565	-	-	-1,549
10 Autoproducers	-17,162	-3,069	-782	-8,296
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-279,905	289,358
13 Coal Transformation	-37,972	13,124	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-687	-1,169	-5,021	-12,371
16 Discrepancy	-69	8	0	179
17 Total Final Energy Consumption	4,480	7,266	107	121,619
18 Industry Sector	1,360	7,266	33	12,030
19 Transport Sector	-	-	-	59,485
20 Other Sector	2,936	-	73	12,794
20.1 Residential & Commercial	2,880	-	-	9,230
20.2 Agriculture	54	-	11	2,848
20.3 Other	2	-	62	716
21 Non Energy	165	-	-	37,310

Singapore, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	-	-	-	-
2 Import	266	0	47,216	102,180
3 Export	-3	-0	-121	-84,168
4 International Marine Bunkers	-	-	-	-41,995
5 International Aviation Bunkers	-	-	-	-7,165
6 Stock Change	-	-	59	-
7 Total Primary Energy Supply	263	0	47,153	-31,147
8 Transfers	-	-	7,385	-
9 Main Activity Producer	-135	-	-	-455
10 Autoproducers	-	-	-	-263
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-52,115	42,208
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	0	-0	-2,423	0
17 Total Final Energy Consumption	129	-	-	10,343
18 Industry Sector	129	-	-	8,093
19 Transport Sector	-	-	-	2,133
20 Other Sector	-	-	-	116
20.1 Residential & Commercial	-	-	-	116
20.2 Agriculture	-	-	-	-
20.3 Other	-	-	-	-
21 Non Energy	-	-	-	-

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
663,279	15,579	44,980	382	7,272	-	-	1,339,967
6,738	-	-	-	1	405	-	27,380
-174,112	-	-	-	-7	-1,681	-	-620,363
-	-	-	-	-	-	-	-5,079
-743	-	-	-	-34	-	-	-6,073
395,181	15,579	44,980	382	7,233	-1,176	-	730,559
-	-	-	-	-	-	-	-
-181,005	-15,454	-44,980	-382	-	85,406	58,384	-129,148
-92,180	-126	-	-	-4,409	5,547	70,892	-49,673
-0	-	-	-	-	-	-	-0
-	-	-	-	-	-	-	-10,546
-	-	-	-	-	-	-	-24,848
-1,858	-	-	-	-	-	-	-1,858
-15,849	-	-	-	-206	-25,914	-21,321	-62,627
2,002	-	-0	-	0	129	8	2,258
126,473	-	-	-	2,619	63,992	107,963	434,519
34,151	-	-	-	418	28,866	39,458	123,672
26,267	-	-	-	-	7,788	-	93,540
34,285	-	-	-	2,201	27,248	68,505	148,042
33,894	-	-	-	2,043	25,949	63,858	137,652
589	-	-	-	158	1,300	4,640	9,600
1	-	-	-	0	-	9	790
31,769	-	-	-	-	-	-	69,284

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
-	-	-	-	670	-	-	670
9,853	-	-	-	-	-	-	159,314
-0	-	-	-	-	-	-	-84,291
-	-	-	-	-	-	-	-41,995
-	-	-	-	-	-	-	-7,185
-	-	-	-	-	-	-	59
9,853	-	-	-	670	-	-	28,592
-	-	-	-	-	-	-	7,383
-7,511	-	-	-	-670	3,884	-	-4,986
-842	-	-	-	-	241	-	-854
-10	-	-	-	-	-	-	-10
-	-	-	-	-	-	-	-9,907
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-125	-	-125
252	-	-	-	-	-136	-	2,307
1,442	-	-	-	-	3,883	-	15,777
1,272	-	-	-	-	1,619	-	11,114
20	-	-	-	-	204	-	2,367
150	-	-	-	-	2,040	-	2,306
149	-	-	-	-	2,010	-	2,275
-	-	-	-	-	-	-	-
1	-	-	-	-	30	-	31
-	-	-	-	-	-	-	-

Chinese Taipei, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	-	-	9	-
2 Import	36,782	118	44,038	17,572
3 Export	-	-9	-	-17,156
4 International Marine Bunkers	-	-	-	-1,224
5 International Aviation Bunkers	-	-	-	-2,200
6 Stock Change	-82	-	479	221
7 Total Primary Energy Supply	36,690	107	44,527	-2,787
8 Transfers	-	-	-	-930
9 Main Activity Producer	-18,807	-	-	-1,285
10 Autoproducers	-5,640	-687	-	-968
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-44,572	44,886
13 Coal Transformation	-5,683	3,447	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-	-1,172	-	-1,662
16 Discrepancy	-1,074	197	45	1,480
17 Total Final Energy Consumption	5,488	1,892	-	38,732
18 Industry Sector	5,456	1,776	-	2,527
19 Transport Sector	-	-	-	11,883
20 Other Sector	-	-	-	2,397
20.1 Residential & Commercial	-	-	-	2,068
20.2 Agriculture	-	-	-	3
20.3 Other	-	-	-	326
21 Non Energy	32	118	-	22,126

Thailand, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	4,398	-	17,498	-
2 Import	4,894	6,059	45,062	3,231
3 Export	-1	-6	-1,868	-14,013
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-4,836
6 Stock Change	-	-	-	-
7 Total Primary Energy Supply	9,280	6,054	60,692	-15,617
8 Transfers	-	-	-4,198	3,925
9 Main Activity Producer	-4,221	-	-	-370
10 Autoproducers	-2,836	-882	-	-7
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-55,829	58,992
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	1,824	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	-1,190	-653	3,881	-1,136
17 Total Final Energy Consumption	1,044	4,519	6,172	45,788
18 Industry Sector	1,044	4,519	-	4,972
19 Transport Sector	-	-	-	20,167
20 Other Sector	-	-	-	6,750
20.1 Residential & Commercial	-	-	-	2,838
20.2 Agriculture	-	-	-	3,912
20.3 Other	-	-	-	-
21 Non Energy	-	-	6,172	13,898

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
305	812	10,861	212	1,691	-	-	13,880
16,035	-	-	-	-	-	-	114,544
-	-	-	-	-	-	-	-17,165
-	-	-	-	-	-	-	-1,224
-	-	-	-	-	-	-	-2,200
-3	-	-	-	-	-	-	606
16,338	812	10,861	212	1,691	-	-	108,440
-	-	-	-	-	-	-	-930
-11,935	-740	-10,861	-131	-	18,397	-	-25,353
-68	-	-	-28	-1,590	3,296	-	-5,685
-164	-	-	-	-	-	-	-164
-	-	-	-	-	-	-	314
-	-	-	-	-	-	-	-2,236
-	-	-	-	-	-	-	-
-530	-	-	-	-	-1,754	-	-5,119
-832	-71	-	49	-100	-448	-	-754
2,809	-	-	102	-	19,491	-	68,513
1,648	-	-	-	-	11,366	-	22,684
-	-	-	-	-	110	-	11,792
1,261	-	-	102	-	8,025	-	11,784
1,261	-	-	102	-	7,788	-	11,218
-	-	-	-	-	158	-	191
-	-	-	-	-	79	-	405
-	-	-	-	-	-	-	22,273

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
36,897	482	-	112	4,701	-	-	64,088
11,105	-	-	-	-	1,081	-	71,432
-	-	-	-	-	-110	-	-15,797
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-4,835
-	-	-	-	-	-	-	-
48,002	482	-	112	4,701	971	-	114,888
-	-	-	-	-	-	-	-271
-23,992	-482	-	-112	-	12,222	-	-16,955
-1,611	-	-	-	-3,167	2,267	5,278	-957
-2,382	-	-	-	-	-	-	-2,382
-	-	-	-	-	-	-	3,182
-	-	-	-	-	-	-	-
-	-	-	-	-1,534	-	-	90
-20,817	-	-	-	-	-1,488	-	-22,285
8,729	-	-	-	-	193	-5,279	4,345
7,828	-	-	0	-	14,185	-	79,636
2,853	-	-	-	-	5,830	-	19,018
2,734	-	-	-	-	14	-	22,816
1	-	-	0	-	8,941	-	15,092
1	-	-	0	-	8,187	-	11,026
-	-	-	-	-	30	-	3,942
-	-	-	-	-	123	-	123
2,540	-	-	-	-	-	-	22,611

United States, 2013

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	477,188	-	476,179	12
2 Import	4,970	88	438,533	88,132
3 Export	-67,555	-524	-30,119	-139,020
4 International Marine Bunkers	-	-	-	-15,260
5 International Aviation Bunkers	-	-	-	-21,796
6 Stock Change	18,410	-168	5,206	716
7 Total Primary Energy Supply	433,011	-605	889,799	-109,217
8 Transfers	-	-	-68,043	60,016
9 Main Activity Producer	-392,865	-172	-	-8,002
10 Autoproducers	-2,485	-781	-	-584
11 Gas Processing	-1,817	-	-	-
12 Petroleum Refineries	-	-	-858,016	851,606
13 Coal Transformation	-14,743	5,600	-	-
14 Other Transformation	-	-	30,118	-
15 Loss & Own Use	-191	-1,521	-	-36,901
16 Discrepancy	-3,212	-1	-1,408	835
17 Total Final Energy Consumption	17,689	2,520	2,450	759,753
18 Industry Sector	16,920	2,520	-	21,984
19 Transport Sector	-	-	-	587,420
20 Other Sector	768	-	-	47,681
20.1 Residential & Commercial	768	-	-	30,249
20.2 Agriculture	-	-	-	17,432
20.3 Other	-	-	-	-
21 Non Energy	-	-	2,450	102,668

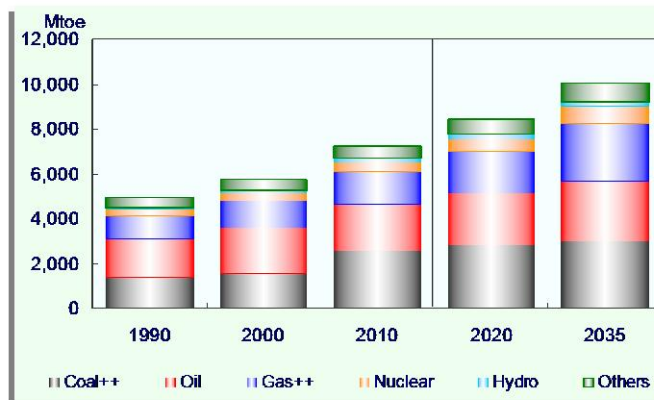
Viet Nam, 2012

	Coal	Coal Products	Crude Oil, NGL	Petroleum Products
1 Indigenous Production	23,734	-	17,518	-
2 Import	963	-	-	10,738
3 Export	-8,521	-	-9,643	-1,720
4 International Marine Bunkers	-	-	-	-
5 International Aviation Bunkers	-	-	-	-
6 Stock Change	-392	-	-1,340	91
7 Total Primary Energy Supply	15,785	-	6,534	9,109
8 Transfers	-	-	-	-
9 Main Activity Producer	-6,105	-	-	-126
10 Autoproducers	-	-	-	-
11 Gas Processing	-	-	-	-
12 Petroleum Refineries	-	-	-6,534	5,914
13 Coal Transformation	-	-	-	-
14 Other Transformation	-	-	-	-
15 Loss & Own Use	-	-	-	-
16 Discrepancy	0	-	-	0
17 Total Final Energy Consumption	9,678	-	-	14,896
18 Industry Sector	8,299	-	-	1,811
19 Transport Sector	-	-	-	10,701
20 Other Sector	1,379	-	-	2,020
20.1 Residential & Commercial	1,361	-	-	1,549
20.2 Agriculture	18	-	-	471
20.3 Other	-	-	-	-
21 Non Energy	-	-	-	566

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
667,012	23,294	214,214	26,230	97,496	-	-	1,881,624
86,733	-	-	-	-	8,051	-	582,504
-35,994	-	-	-	-	-976	-	-274,189
-	-	-	-	-	-	-	-15,280
-	-	-	-	-	-	-	-21,796
12,183	-	-	-	-	-	-	36,347
609,933	23,294	214,214	26,230	97,496	5,074	-	2,189,230
-	-	-	-	-	-	-	1,973
-190,458	-22,990	-214,214	-23,978	-14,459	353,385	10,830	-500,922
-16,480	-304	-	-589	-7,064	15,289	-	-13,008
1,010	-	-	-	-	-	-	-806
-	-	-	-	-	-	-	-6,410
-	-	-	-	-	-	-	-9,143
-	-	-	-	-30,118	-	-	-
-89,560	-	-	-	-	-49,755	-4,951	-162,980
-1,382	0	-	0	0	1,273	0	-3,895
332,975	-	-	1,653	45,856	325,285	5,868	1,494,038
107,382	-	-	106	32,618	72,798	4,637	258,975
20,853	-	-	-	-	622	-	608,895
180,755	-	-	1,557	13,237	261,845	1,231	607,075
189,482	-	-	1,557	12,898	234,731	1,231	470,915
1,273	-	-	-	340	2,654	-	21,599
-	-	-	-	-	14,581	-	14,581
13,975	-	-	-	-	-	-	119,093

Unit: ktoe							
Natural Gas, LNG	Hydro	Nuclear	Geothermal, Solar, etc.	Others	Electricity	Heat	Total
8,253	4,541	-	-	-	-	-	54,048
-	-	-	-	-	230	-	11,932
-	-	-	-	-	-105	-	-19,890
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-1,641
8,253	4,541	-	-	-	125	-	44,347
-	-	-	-	-	-	-	-
-6,815	-4,541	-	-	-	10,114	-	-7,475
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-620
-	-	-	-	-	-	-	-
-	-	-	-	-	-1,173	-	-1,173
0	-	-	-	-	0	-	0
1,436	-	-	-	-	9,065	-	35,078
1,436	-	-	-	-	4,758	-	18,106
-	-	-	-	-	-	-	10,701
-	-	-	-	-	4,307	-	7,707
-	-	-	-	-	4,179	-	7,089
-	-	-	-	-	128	-	617
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	565

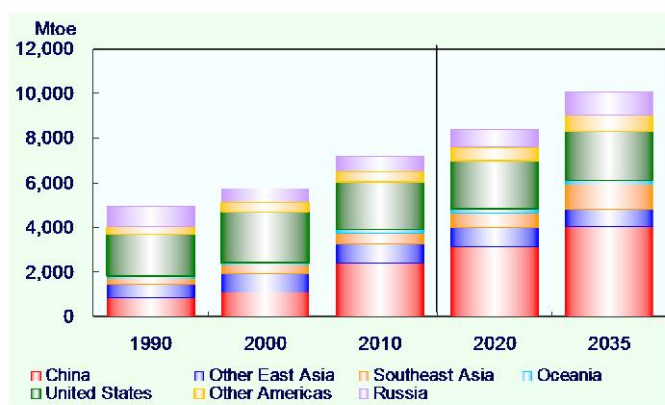
Primary Energy Supply Outlook by Energy



	1990	2000	2010	2020	2035
					Mtoe
Coal++	1,377	1,574	2,571	2,800	2,988
Oil	1,754	2,006	2,113	2,363	2,678
Gas++	996	1,182	1,397	1,795	2,569
Nuclear	286	390	431	577	753
Hydro	92	107	158	210	232
Others	428	468	526	651	818
Total	4,932	5,727	7,198	8,400	10,043
					Share (%)
					2035
Coal++	27.9	27.5	35.7	33.3	29.7
Oil	35.6	35.0	29.3	28.1	26.7
Gas++	20.2	20.6	19.4	21.4	25.6
Nuclear	5.8	6.8	6.0	6.9	7.5
Hydro	1.9	1.9	2.2	2.5	2.3
Others	8.7	8.2	7.3	7.7	8.1

By Asia Pacific Energy Research Centre, February 2013.

Primary Energy Supply Outlook by Region



	1990	2000	2010	2020	2035
	Mtoe				
China	863	1,095	2,397	3,142	4,027
Other East Asia	589	806	850	852	814
Southeast Asia	232	374	513	666	1,039
Oceania	100	126	146	164	181
United States	1,915	2,273	2,143	2,178	2,249
Other Americas	354	433	481	580	724
Russia	879	619	669	819	1,009
APEC 21	4,933	5,727	7,198	8,400	10,043
	Share (%)				
	1990	2000	2010	2020	2035
China	17.5	19.1	33.3	37.4	40.1
Other East Asia	11.9	14.1	11.8	10.1	8.1
Southeast Asia	4.7	6.5	7.1	7.9	10.3
Oceania	2.0	2.2	2.0	1.9	1.8
United States	38.8	39.7	29.8	25.9	22.4
Other Americas	7.2	7.6	6.7	6.9	7.2
Russia	17.8	10.8	9.3	9.7	10.0

Other East Asia includes Hong Kong, China; Japan; Republic of Korea and Chinese Taipei.

Other Americas includes Canada, Chile, Mexico, and Peru. Southeast Asia includes Viet Nam.

Selected Energy Indicators APEC Region

	Population			Real GDP			Real GDP	
	Millions			Billions of 2010 Price and 2010 USD			Billions of 2010 Price and 2010 PPP	
	1990	2000	2013	1990	2000	2013	1990	2000
APEC 20*	2,220	2,477	2,719	19,675	26,699	39,674	22,324	31,179
East Asia and Russia	1,476	1,612	1,709	7,434	9,441	16,944	8,920	12,095
China	1,135	1,263	1,357	824	2,224	7,672	1,686	4,550
Hong Kong, China	6	7	7	104	153	251	151	222
Japan	124	127	127	4,559	5,093	5,656	3,580	4,005
Republic of Korea	43	47	50	377	710	1,194	519	977
Russia	148	147	144	1,414	952	1,666	2,715	1,827
Chinese Taipei	20	22	23	162	309	504	269	514
Southeast Asia	387	458	541	715	1,152	2,193	1,793	2,862
Brunei Darussalam	0	0	0	9	11	13	19	24
Indonesia	181	212	251	300	453	897	796	1,203
Malaysia	18	23	29	79	156	288	181	360
The Philippines	62	78	98	95	125	237	243	323
Singapore	3	4	5	68	134	271	102	204
Thailand	57	63	67	135	209	350	353	546
Viet Nam	66	78	90	29	61	137	97	202
Oceania	25	28	35	725	1,001	1,461	546	754
Australia	17	19	23	637	881	1,293	462	639
New Zealand	3	4	4	84	113	156	78	105
Papua New Guinea	4	5	7	4	7	12	7	10
North America	363	416	475	10,692	14,931	18,783	10,906	15,292
Canada	28	31	35	1,008	1,337	1,728	851	1,128
Mexico	86	103	124	620	881	1,153	1,021	1,451
United States	250	282	316	9,064	12,713	15,902	9,064	12,713
South America	35	41	48	139	235	430	227	378
Chile	13	15	18	80	149	253	115	213
Peru	22	26	31	59	86	177	113	165

	Energy Indigenous Production			Net Import			Total Primary Energy Supply			
	Mtoe			Mtoe			Mtoe			
2013	1990	2000	2013	1990	2000	2013	1990	2000	2013	
52,255	4,630	4,852	7,397	149	635	508	4,633	5,421	7,747	
26,191	2,107	1,994	3,877	49	364	651	2,120	2,326	4,444	
15,700	706	866	2,456	-30	32	462	654	905	2,856	PRC
364	0	0	0	11	18	29	11	15	14	HKC
4,448	75	105	24	371	420	422	435	514	472	JPN
1,643	23	34	43	70	166	234	93	188	263	ROK
3,199	1,293	978	1,340	-413	-350	-593	882	625	731	RUS
838	11	11	14	39	76	97	45	79	108	CT
5,454	217	351	590	-53	-40	-65	147	282	463	
28	16	17	18	-14	-15	-15	2	2	3	BD
2,382	119	184	390	-66	-82	-194	53	101	192	INA
658	46	76	92	-26	-27	-6	20	48	81	MAS
610	17	20	26	12	20	21	28	39	46	RP
411	0	0	1	23	40	75	10	17	27	SIN
915	12	29	64	18	35	56	28	60	115	THA
450	6	26	-	0	-10	-	5	15	-	VN
1,100	174	252	361	-66	-127	-204	100	126	151	
937	158	234	344	-65	-127	-210	86	108	129	AUS
144	11	14	16	2	3	5	13	17	19	NZ
18	5	4	1	-4	-3	1	1	1	3	PNG
19,260	2,121	2,269	2,531	213	407	102	2,247	2,663	2,629	
1,438	273	373	431	-59	-128	-185	210	245	246	CDA
1,900	195	222	218	-70	-72	-21	123	145	194	MEX
15,902	1,653	1,667	1,882	342	606	308	1,915	2,274	2,189	USA
700	19	18	38	6	21	23	24	38	60	
361	8	9	15	7	18	25	14	25	39	CHL
339	11	9	23	-1	3	-2	10	12	22	PE

Note: * excluding Viet Nam.

	Total Final Energy Consumption			Final Consumption of Electricity			Total Primary Energy Supply	
	Mtoe			TWh			toe / Person	
	1990	2000	2013	1990	2000	2013	1990	2000
APEC 20	3,236	3,714	5,059	5,833	7,819	12,409	2.09	2.19
East Asia and Russia	1,522	1,606	2,784	2,370	3,088	6,963	1.44	1.44
China	490	635	1,802	606	1,054	4,484	0.58	0.72
Hong Kong, China	7	11	7	24	36	43	1.87	2.26
Japan	306	362	307	745	964	979	3.52	4.05
Republic of Korea	65	127	166	94	263	487	2.17	4.00
Russia	625	418	435	827	609	744	5.95	4.26
Chinese Taipei	29	54	69	74	160	227	2.23	3.55
Southeast Asia	97	174	312	131	349	585	0.38	0.62
Brunei Darussalam	0	1	1	1	2	3	6.36	6.32
Indonesia	34	64	140	31	109	188	0.29	0.48
Malaysia	13	30	49	20	61	123	1.12	2.04
The Philippines	19	24	27	21	37	62	0.46	0.50
Singapore	5	6	16	14	29	45	3.25	4.28
Thailand	20	39	80	38	88	165	0.49	0.96
Viet Nam	4	12	0	6	22	0	0.08	0.19
Oceania	67	83	95	159	209	248	4.06	4.45
Australia	56	70	80	129	173	206	5.05	5.64
New Zealand	10	13	13	28	34	38	3.82	4.40
Papua New Guinea	1	1	2	2	2	4	0.21	0.21
North America	1,535	1,831	1,823	3,152	4,143	4,509	6.19	6.41
Canada	159	189	211	418	482	485	7.54	7.96
Mexico	84	98	118	100	162	242	1.43	1.41
United States	1,292	1,544	1,494	2,634	3,499	3,782	7.67	8.06
South America	20	31	45	27	54	103	0.69	0.91
Chile	11	20	27	15	37	65	1.07	1.66
Peru	9	11	18	12	17	38	0.46	0.48

	Total Primary Energy Supply per Real GDP			Total Primary Energy Supply per Real GDP			Total Final Energy Consumption per Capita			
	toe / Million 2010 USD			toe / Million 2010 PPP			toe / Person			
2013	1990	2000	2013	1990	2000	2013	1990	2000	2013	
2.85	235.5	203.0	195.3	207.5	173.6	146.2	1.46	1.50	1.86	
2.60	285.2	246.3	262.3	133.7	134.1	137.7	1.06	1.00	1.63	
2.10	793.6	407.1	372.3	387.8	198.9	181.9	0.43	0.50	1.33	PRC
1.96	102.2	98.4	56.2	70.6	67.9	38.8	1.17	1.68	0.94	HKC
3.70	95.5	100.8	83.4	121.4	128.3	106.1	2.48	2.85	2.41	JPN
5.24	246.9	265.0	220.3	179.5	192.7	160.2	1.51	2.70	3.31	ROK
5.09	623.8	656.5	438.5	324.8	341.9	228.4	4.21	2.85	3.03	RUS
4.64	281.4	255.4	215.3	169.2	153.6	129.5	1.44	2.40	2.93	CT
0.86	206.3	245.3	211.2	82.2	98.7	84.9	0.25	0.38	0.58	
6.92	248.0	193.5	224.3	110.7	86.3	100.1	1.64	2.25	2.71	BD
0.76	177.6	223.3	213.9	66.9	84.1	80.6	0.19	0.30	0.56	INA
2.75	257.4	302.5	281.5	112.7	132.5	123.3	0.72	1.27	1.66	MAS
0.47	299.5	310.9	193.3	116.3	120.7	75.1	0.31	0.30	0.27	RP
4.93	146.4	128.2	98.0	96.6	84.5	64.7	1.75	1.59	2.92	SIN
1.70	206.8	289.2	328.5	79.1	110.6	125.6	0.36	0.62	1.18	THA
-	183.8	242.7	-	55.8	73.6	-	0.06	0.15	-	VN
4.33	137.5	126.1	103.3	182.7	167.5	137.2	2.72	2.94	2.73	
5.59	135.3	122.7	99.9	186.7	169.3	137.9	3.31	3.63	3.47	AUS
4.32	151.4	149.9	123.3	162.9	161.3	132.7	2.92	3.35	2.98	NZ
0.35	197.9	171.8	208.7	132.3	114.8	139.5	0.15	0.16	0.22	PNG
5.53	210.2	178.4	140.0	205.5	174.2	136.5	4.23	4.40	3.83	
7.00	207.8	183.3	142.3	246.3	217.2	168.7	5.71	6.13	5.99	CDA
1.56	197.7	164.5	167.9	120.0	99.8	101.9	0.96	0.96	0.96	MEX
6.92	211.3	178.8	137.7	211.3	178.8	137.7	5.17	5.47	4.72	USA
1.25	172.2	159.4	139.8	105.4	99.2	85.9	0.57	0.76	0.93	
2.20	174.6	168.7	152.7	122.3	118.2	107.0	0.84	1.34	1.51	CHL
0.70	169.0	143.1	121.4	88.3	74.8	63.4	0.40	0.42	0.59	PE

	Energy Related CO ₂ Emission			CO ₂ Emission per Capita		
	Mt-C			t-C / Person		
	1990	2000	2013	1990	2000	2013
APEC 20	3,356.8	3,847.6	5,683.9	1.512	1.553	2.090
East Asia and Russia	1,590.4	1,706.3	3,442.6	1.078	1.058	2.014
China	581.5	847.6	2,451.7	0.512	0.671	1.806
Hong Kong, China	8.9	8.5	12.1	1.565	1.278	1.686
Japan	288.6	317.5	336.9	2.336	2.503	2.646
Republic of Korea	62.4	113.1	149.6	1.455	2.406	2.979
Russia	619.2	361.3	422.2	4.176	2.465	2.942
Chinese Taipei	29.9	58.2	70.1	1.464	2.614	2.999
Southeast Asia	96.4	187.2	318.3	0.249	0.409	0.588
Brunei Darussalam	1.5	1.8	1.8	5.805	5.526	4.464
Indonesia	37.3	73.0	153.4	0.206	0.345	0.611
Malaysia	18.0	32.7	54.2	0.880	1.395	1.840
The Philippines	9.8	17.5	23.7	0.159	0.224	0.243
Singapore	5.3	9.1	15.8	1.75	2.248	2.924
Thailand	21.8	41.1	69.4	0.385	0.656	1.029
Viet Nam	4.7	12.0	-	0.07	0.155	-
Oceania	75.5	95.6	110.3	3.074	3.369	3.164
Australia	68.6	86.9	100.2	4.023	4.535	4.333
New Zealand	6.2	7.9	8.4	1.864	2.057	1.896
Papua New Guinea	0.6	0.8	1.7	0.152	0.155	0.236
North America	1,585.8	1,849.8	1,777.4	4.368	4.449	3.739
Canada	76.3	88.3	101.1	2.745	2.871	2.874
Mexico	70.8	93.4	121.5	0.827	0.906	0.982
United States	1,438.7	1,668.1	1,554.8	5.763	5.912	4.913
South America	13.4	20.8	35.2	0.384	0.506	0.730
Chile	8.1	13.4	22.4	0.614	0.884	1.273
Peru	5.3	7.4	12.8	0.245	0.284	0.418

CO ₂ Emission per Real GDP			CO ₂ Emission per Real GDP			CO ₂ Emission per Total Primary Energy Supply			
kt-C / Billions of 2010 USD			kt-C / Billions of 2010 PPP			t-C / toe			
1990	2000	2013	1990	2000	2013	1990	2000	2013	
170.6	144.1	143.3	150.4	123.4	108.8	0.725	0.710	0.734	
213.9	180.7	203.2	178.3	141.1	131.4	0.750	0.734	0.775	
705.6	381.2	319.5	344.8	186.3	156.2	0.889	0.936	0.858	PRC
85.8	55.5	48.2	59.2	38.4	33.3	0.839	0.564	0.858	HKC
63.4	62.3	59.6	80.6	79.3	75.8	0.664	0.618	0.714	JPN
165.4	159.3	125.3	120.3	115.8	91.1	0.670	0.601	0.569	ROK
437.9	379.7	253.4	228.1	197.8	132.0	0.702	0.578	0.578	RUS
184.8	188.3	139.2	111.1	113.2	83.7	0.657	0.737	0.646	CT
134.9	162.5	145.2	53.8	65.4	58.4	0.654	0.663	0.687	
172.3	169.1	144.7	76.9	75.5	64.6	0.695	0.874	0.645	BD
124.4	161.0	170.9	46.9	60.7	64.4	0.700	0.721	0.799	INA
201.9	207.2	188.2	88.4	90.7	82.4	0.784	0.685	0.669	MAS
103.7	139.4	99.9	40.3	54.1	38.8	0.346	0.448	0.517	RP
79.0	67.3	58.2	52.1	44.4	38.4	0.539	0.525	0.594	SIN
161.2	196.9	198.5	61.6	75.3	75.9	0.780	0.681	0.604	THA
158.2	196.6	-	48.0	59.7	-	0.861	0.810	-	VN
104.0	95.5	75.5	138.2	126.9	100.3	0.757	0.758	0.731	
107.7	98.5	77.5	148.7	136.0	106.9	0.796	0.803	0.776	AUS
74.0	70.1	54.2	79.6	75.4	58.3	0.489	0.468	0.439	NZ
144.3	127.5	140.6	96.5	85.2	94.0	0.729	0.742	0.673	PNG
148.3	123.9	94.6	145.0	121.0	92.3	0.706	0.695	0.676	
75.7	66.1	58.5	89.7	78.3	69.3	0.364	0.361	0.411	CDA
114.3	106.0	105.4	69.4	64.4	64.0	0.578	0.645	0.628	MEX
158.7	131.2	97.8	158.7	131.2	97.8	0.751	0.734	0.710	USA
96.5	88.2	81.7	59.1	54.9	50.2	0.560	0.553	0.584	
100.6	89.9	88.4	70.4	62.9	61.9	0.576	0.532	0.579	CHL
90.8	85.3	72.1	47.5	44.6	37.7	0.538	0.596	0.594	PE

Glossary

General note

For editing convenience the definition for some items with “++” mark are different with the publication of APEC Energy Statistics. In the Energy Balance sector the definition for all item are the same as the publication of APEC Energy Statistics.

Energies

Coal++

Defined as coal in narrow sense (all primary coal such as hard coal, lignite and brown coal) plus coal products (all fuels derived from coal including patent fuel, coke oven coke, gas coke, briquettes, coke oven gas and blast furnace gas).

Coal

Coal includes all primary coal, such as hard coal, lignite and brown coal.

Coal Products

Coal Products includes all fuels derived from coal including patent fuel, coke oven coke, gas coke, briquettes, coke oven gas, blast furnace gas and gas works gas.

Oil

Defined as crude oil (which comprises crude oil, refinery feedstocks and natural gas liquids and Natural LPG) plus petroleum products.

Crude Oil

Crude Oil comprises crude oil, refinery feedstocks and natural gas liquids.

Petroleum Products

Total of all petroleum products, such as LPG, naphtha, Mogas (including AVGAS), jet fuel, kerosene, diesel oil, fuel oil, refinery gas and other petroleum products.

Mogas

Mogas is light hydrocarbon oil for use in internal engines such as motor vehicles. Motor gasoline is distilled between 35 °C and 215 °C and treated by reforming, catalytic cracking or blending with aromatic fraction to reach a sufficiently high octane number (≥80 RON).

Naphtha

Naphtha includes light or medium oils, a cut covering the end of the motor spirit and the beginning of the kerosene range. Naphtha distills between 30 °C and 210 °C.

Jet Fuel

Jet fuel comprises both gasoline and kerosene type jet fuels meeting

specifications for use in aviation turbine power units.

Gasoline type: This includes all light hydrocarbon oils, distilling between 100 °C and 250 °C. It distills at least 20 percent in volume at 143 °C.

Kerosene type: This medium oil with same distillation characteristics and flash point as kerosene, with a maximum aromatic content of 22 percent in volume, and treated to give a kinematic viscosity of less than 18cSt at -20 °C (and a freezing point below -47 °C), octane number varying from 80 to 145 RON.

Kerosene

Kerosene comprises refined petroleum distillate intermediate in volatility between gasoline and gas/diesel oil. It is a medium oil distilling between 150 °C and 300 °C, which distills at least 65 percent in volume at 250 °C. Its specific gravity is in the region of 0.80 and the flash point is above 38 °C.

Diesel Oil

Diesel oil includes heavy gas oils. Gas oils are obtained from the lowest fraction from atmospheric distillation of crude oil, while heavy gas oils obtained by vacuum redistillation of the residual from atmospheric distillation.

Fuel Oil

Fuel oil defines oils that make up the distillation residue. It comprises all residual fuel oils (including those obtained by blending). Its kinematic viscosity is above 10 cSt at 80 °C. The flash point is always above 50 °C. and the density is always more than 0.90.

LPG

LPG is the light hydrocarbon fraction of the paraffin series, derived from refinery processes and from crude oil stabilization plants comprising propane (C₃H₈) and butane (C₄H₁₀) or a mixture of these two hydrocarbon.

Others

The category, "Other petroleum products", groups together white spirit and SBP, lubricants, bitumen, paraffin waxes, refining gas and others (tar, sulfur, grease).

Gas++

Defined as natural gas and LNG.

Natural Gas

Natural gas consists mainly of methane occurring naturally in underground deposits associated with crude oil or gas recovered from coal mines (colliery gas). Sewage gas is also included.

LNG

LNG is liquefied natural gas.

Hydro

The primary equivalent is calculated with an efficiency of 100%.

Nuclear

The primary equivalent is calculated with an efficiency of 33%.

Others

Defined as sum of geothermal power, wind, tide, photovoltaic power, biomass, etc. However, for Indonesia; Chinese Taipei; Thailand and Viet Nam, non-commercial biomass was not included to keep historical consistency. The primary equivalent is calculated with an efficiency of 100% except for of geothermal power, which assumed efficiency is 10%.

Sectors**Indigenous Production**

Quantities of fuels extracted within the economy.

Net Imports

Defined as imports minus exports.

Total Primary Energy Supply (TPES)

Defined as indigenous production plus imports minus exports minus international marine and aviation bunkers plus or minus stock change.

Refining

Petroleum refineries shows the transformation of crude oil, NGL and condensate to petroleum products. The production of synthetic petrol from natural gas is also included.

Power Generation

Gross electricity (including power stations' own use) produced from thermal, hydro, nuclear, geothermal and other power plants of public utilities and auto-producers. An auto-producer is an establishment which, in addition to its main activities, generates electricity wholly or partially for its own use, such as industries, railways, refineries, etc.

Total Final Energy Consumption

Defined as industry plus transport plus residential and commercial plus others sector.

Industry

Consumption of the industry sector is specified in the following sub-sectors (energy use for transport by industry is not included here but reported under transport):

- Iron and steel industry
- Chemical industry
- Non-ferrous metals basic industries
- Non-metallic mineral products such as glass, ceramic, cement, etc.

- Transport equipment
- Machinery, Fabricated metal products, machinery and equipment other than transport equipment
- Mining (excluding fuels) and quarrying
- Food processing, beverages and tobacco
- Pulp, paper and printing
- Wood and wood products (other than pulp and paper)
- Construction
- Textiles and leather
- Collection, purification and distribution of water
- Non-specified (any manufacturing industry not included above)

Transport

Consumption of the transport sector covers all transport activity regardless of the economic sector to which it is contributing, and is divided into the following sub-sectors:

- Domestic Air transport
- Road transport
- Railways
- Internal navigation (including small craft and coastal vessels not purchasing their bunker requirements under international marine bunker contracts).

Residential and Commercial

Defined as residential plus commercial.

*Residential shows all consumption by households

*Commercial shows consumption of the commercial and public sectors.

Others

Agriculture and non-energy use are included.