

Key world energy statistics

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Key World Energy Statistics 2017

http://dx.doi.org/10.1787/key_energ_stat-2017-en

ISBN: 9789264283213

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Corrigendum

Please note that despite our best efforts to ensure quality control, errors have slipped into *Key World Energy Statistics 2017*.

The text in pages 62, 64, 66, 68 has changed. It should be replaced by the following pages.

Selected indicators for 2015

Region/ Country/ Economy	Popu- lation (million)	GDP (billion 2010 USD)	GDP (PPP) (billion 2010 USD)	Energy prod. (Mtoe)	Net imports (Mtoe)	TPES (Mtoe)	Elec. cons. ¹ (TWh)	CO ₂ emissions ² (Mt of CO ₂)
Bulgaria	7.2	54.6	120.4	12.1	6.9	18.6	34.9	43.8
Cambodia	15.6	15.9	50.0	4.4	2.7	7.0	5.1	8.0
Cameroon	23.3	30.4	66.9	10.7	-2.7	7.8	5.9	6.0
Canada	35.9	1796.4	1515.4	471.3	-199.2	270.2	544.5	549.2
Chile	18.0	263.1	375.6	12.9	24.0	36.1	71.7	81.6
China (People's Rep. of)	1371.2	8909.8	18049.6	2495.6	489.0	2973.3	5548.7	9040.7
Colombia	48.2	359.2	613.7	124.7	-89.8	33.8	59.4	72.3
Republic of the Congo	4.6	14.6	27.1	15.1	-12.4	2.7	1.0	2.7
Costa Rica	4.8	44.4	67.2	2.6	2.5	4.9	9.5	6.9
Côte d'Ivoire	22.7	34.0	73.4	12.6	0.5	13.0	6.1	9.7
Croatia	4.2	58.3	82.0	4.4	4.2	8.4	16.4	15.5
Cuba	11.4	73.9	234.5	5.8	7.1	12.0	17.2	29.9
Curaçao ⁵	0.2	1.8	1.7	0.0	3.7	2.1	0.7	4.9
Cyprus ⁵	0.8	23.4	25.8	0.1	2.4	2.0	4.3	5.9
Czech Republic	10.5	223.8	313.3	29.1	13.5	42.1	67.3	99.6
DPR of Korea	25.2	26.9	100.8	18.8	-11.0	7.8	11.6	22.5
Dem. Rep. of the Congo	77.3	29.7	55.8	29.1	-0.1	28.9	7.3	2.7
Denmark	5.7	341.0	253.1	16.0	2.3	16.1	33.0	32.0
Dominican Republic	10.5	69.0	139.0	1.0	7.8	8.2	16.2	21.4
Ecuador	16.1	86.6	170.5	30.3	-14.6	15.1	23.0	37.6
Egypt	91.5	247.7	919.0	69.5	10.6	79.4	160.5	198.6
El Salvador	6.1	23.6	48.6	2.1	2.4	4.3	6.2	6.5
Eritrea	5.3	2.8	8.0	0.7	0.2	0.9	0.4	0.6
Estonia	1.3	23.2	34.2	5.6	0.5	5.4	8.8	15.5
Ethiopia	99.4	48.3	149.0	46.7	3.7	50.0	8.5	10.2
Finland	5.5	247.7	208.1	17.8	15.7	32.5	82.5	42.1
FYR of Macedonia	2.1	10.6	27.1	1.3	1.4	2.7	7.1	7.2
France	66.5	2777.5	2455.9	137.8	115.7	246.5	468.4	290.5
Gabon	1.7	18.6	31.9	15.9	-10.6	5.1	2.0	3.2
Georgia	3.7	14.8	32.8	1.3	3.4	4.6	10.2	8.4
Germany	81.7	3696.6	3473.5	119.6	198.3	307.8	573.0	729.8

1. Gross production + imports – exports – losses.

2. CO₂ emissions from fuel combustion only. Emissions are calculated using the IEA's energy balances and the Revised 2006 IPCC Guidelines, and exclude emissions from non-energy.

Selected indicators for 2015

Region/ Country/ Economy	Popu- lation (million)	GDP (billion 2010 USD)	GDP (PPP) (billion 2010 USD)	Energy prod. (Mtoe)	Net imports (Mtoe)	TPES (Mtoe)	Elec. cons. ¹ (TWh)	CO ₂ emissions ² (Mt of CO ₂)
Ghana	27.4	46.5	106.2	10.2	-0.5	9.7	8.8	14.0
Gibraltar	0.0	1.2	1.0	0.0	3.8	0.2	0.2	0.6
Greece	10.9	244.3	256.0	8.5	18.4	23.2	56.6	64.6
Guatemala	16.3	49.9	116.1	8.6	5.1	12.7	9.8	15.1
Haiti	10.7	7.8	17.3	3.3	1.0	4.3	0.4	3.2
Honduras	8.1	18.7	37.9	2.7	2.4	5.7	7.8	9.2
Hong Kong, China	7.3	264.3	382.7	0.1	28.9	13.9	44.0	43.9
Hungary	9.8	142.9	235.5	11.3	13.6	25.2	40.3	42.5
Iceland	0.3	15.2	14.0	4.9	1.0	5.6	18.2	2.1
India	1311.1	2296.6	7364.8	554.4	306.8	851.1	1126.5	2066.0
Indonesia	257.6	987.5	2620.8	425.9	-199.3	225.4	211.9	441.9
Islamic Rep. of Iran	79.1	464.1	1264.2	324.2	-82.5	236.5	236.4	552.4
Iraq	36.4	186.5	516.0	182.8	-137.9	47.9	44.4	132.1
Ireland	4.6	303.0	269.8	1.9	12.7	13.3	27.0	35.3
Israel ⁵	8.4	277.5	261.2	7.3	16.9	23.0	56.6	62.3
Italy	60.7	2059.5	2015.0	36.1	121.5	152.6	309.7	330.7
Jamaica	2.8	13.6	22.8	0.5	2.8	2.9	3.0	7.0
Japan	127.0	5986.1	4462.3	30.3	409.1	429.8	998.7	1141.6
Jordan	7.6	30.2	76.2	0.3	8.8	8.6	17.4	23.8
Kazakhstan	17.5	186.3	421.4	164.1	-86.5	78.1	101.3	225.1
Kenya	46.1	52.2	130.9	20.4	5.4	25.1	7.8	14.1
Korea	50.6	1266.6	1742.0	51.4	237.0	272.7	534.4	586.0
Kosovo ⁵	1.8	6.8	16.1	1.8	0.7	2.5	5.3	8.6
Kuwait	3.9	139.7	267.3	167.8	-130.8	34.7	58.2	85.4
Kyrgyzstan	6.0	6.1	18.8	1.8	2.6	4.0	10.9	9.9
Latvia ⁵	2.0	28.3	44.0	2.3	2.4	4.3	6.9	6.8
Lebanon	5.9	41.2	75.0	0.2	7.7	7.6	16.7	22.7
Libya	6.3	34.2	81.9	31.6	-13.6	17.2	10.4	45.3
Lithuania	2.9	44.6	74.7	1.8	5.6	7.2	11.3	10.5
Luxembourg	0.6	62.1	50.8	0.1	4.0	3.7	8.2	8.8
Malaysia	30.3	330.0	752.2	96.5	-8.3	85.9	141.2	220.4

1. Gross production + imports – exports – losses.

2. CO₂ emissions from fuel combustion only. Emissions are calculated using the IEA's energy balances and the Revised 2006 IPCC Guidelines, and exclude emissions from non-energy.

Selected indicators for 2015

Region/ Country/ Economy	Popu- lation (million)	GDP (billion 2010 USD)	GDP (PPP) (billion 2010 USD)	Energy prod. (Mtoe)	Net imports (Mtoe)	TPES (Mtoe)	Elec. cons. ¹ (TWh)	CO ₂ emissions ² (Mt of CO ₂)
Malta	0.4	10.5	13.3	0.0	2.2	0.6	2.2	1.6
Mauritius	1.3	12.0	22.8	0.3	1.8	1.5	2.8	4.0
Mexico	121.0	1207.7	1990.2	191.8	-1.6	187.4	269.8	442.3
Moldova	3.6	7.0	16.6	0.3	3.1	3.4	5.0	7.6
Mongolia	3.0	11.7	33.3	14.9	-9.6	4.9	6.1	17.2
Montenegro	0.6	4.5	9.1	0.7	0.3	1.0	2.9	2.4
Morocco	34.4	113.2	252.2	1.8	18.8	19.4	30.7	54.9
Mozambique	28.0	14.3	30.7	19.1	-5.5	13.0	14.2	5.0
Myanmar	53.9	88.6	308.3	26.7	-6.9	19.8	13.4	24.4
Namibia	2.5	14.8	23.6	0.5	1.4	1.9	3.8	3.8
Nepal	28.5	19.7	64.6	9.8	2.0	11.7	3.9	5.6
Netherlands	16.9	868.3	769.0	47.6	47.5	73.8	113.6	156.0
New Zealand	4.6	167.4	155.3	16.5	4.9	20.6	41.4	31.2
Nicaragua	6.1	11.2	29.1	2.2	1.7	3.9	3.8	5.1
Niger	19.9	7.6	17.5	3.0	0.0	3.0	1.1	2.0
Nigeria	182.2	461.8	1006.6	254.3	-116.7	139.4	26.2	64.4
Norway	5.2	465.0	307.7	208.1	-177.3	29.6	121.5	36.7
Oman	4.5	71.7	165.1	77.5	-50.4	25.4	29.6	64.3
Pakistan	188.9	215.9	871.1	70.9	23.7	93.9	92.2	146.0
Panama	3.9	42.2	80.4	0.9	6.6	4.3	8.8	10.7
Paraguay	6.6	25.4	56.2	7.1	-1.7	5.4	11.0	5.7
Peru	31.4	186.2	358.9	25.5	-0.2	24.6	42.9	49.1
Philippines	100.7	265.8	684.5	26.3	27.0	52.1	74.9	103.9
Poland	38.5	556.2	931.8	67.7	28.8	94.9	154.1	282.4
Portugal	10.4	227.5	276.2	5.3	18.5	22.0	49.8	47.0
Qatar	2.2	167.0	294.7	221.3	-171.9	45.4	39.0	79.9
Romania	19.8	189.0	377.7	26.5	5.4	31.9	52.4	69.5
Russian Federation	144.1	1723.9	3103.3	1334.2	-601.9	709.7	949.3	1469.0
Saudi Arabia	31.5	672.2	1553.9	648.6	-423.1	221.7	313.1	531.5
Senegal	15.1	15.8	33.9	1.9	2.5	4.1	3.3	6.6
Serbia	7.1	40.2	87.7	10.8	4.1	14.8	32.2	44.5

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Singapore	5.5	287.0	434.9	0.6	77.1	25.6	49.5	44.4
Slovak Republic	5.4	101.1	152.3	6.6	9.8	16.4	27.9	29.4
Slovenia	2.1	49.1	58.2	3.4	3.2	6.6	14.2	12.8
South Africa	55.0	417.3	668.7	167.4	-20.8	142.0	228.2	427.6
South Sudan	12.3	4.1	21.1	7.7	-7.1	0.6	0.3	1.1
Spain	46.4	1414.9	1472.3	33.6	95.4	118.9	254.4	247.0
Sri Lanka	21.0	76.3	226.9	5.4	6.0	11.4	12.3	19.5
Sudan	40.2	72.7	162.5	15.8	0.2	15.7	10.6	15.4
Suriname	0.5	4.9	8.3	1.0	-0.3	0.7	2.0	2.1
Sweden	9.8	540.6	432.5	34.0	14.6	45.5	133.2	37.1
Switzerland	8.3	625.9	446.1	12.2	13.6	24.5	62.1	37.3
Syrian Arab Republic	18.5	17.0	37.5	4.7	5.5	10.0	15.0	26.2
Chinese Taipei	23.4	505.8	986.3	12.3	101.5	108.8	249.9	249.4
Tajikistan	8.5	7.9	22.1	1.9	0.8	2.7	13.1	4.3
Tanzania	53.5	43.7	127.7	22.9	3.3	26.0	5.2	11.6
Thailand	68.0	392.5	1021.9	75.2	64.9	135.2	178.1	247.5
Togo	7.3	4.0	9.8	2.7	0.7	3.4	1.2	1.9
Trinidad and Tobago	1.4	22.7	39.9	37.6	-17.2	19.4	10.1	22.8
Tunisia	11.3	48.1	119.3	6.4	4.9	10.9	16.4	25.6
Turkey	77.5	1087.6	1779.2	31.7	103.6	128.8	229.2	317.2
Turkmenistan	5.4	37.3	81.7	81.2	-53.1	27.6	16.4	69.1
Ukraine	45.2	121.1	313.8	61.6	30.1	90.1	144.9	189.4
United Arab Emirates	9.2	360.0	589.6	229.6	-132.8	73.3	118.3	180.2
United Kingdom	65.1	2682.3	2476.5	119.0	72.3	180.7	330.9	389.8
United States	321.7	16597.4	16597.4	2018.5	257.7	2188.3	4128.5	4997.5
Uruguay	3.4	47.8	67.1	2.9	2.4	5.0	10.9	6.4
Uzbekistan	31.3	58.1	173.0	56.0	-13.4	42.6	51.3	95.6
Venezuela	31.1	398.0	475.6	182.7	-121.8	59.4	76.2	136.8
Viet Nam	91.7	154.5	509.3	70.4	5.7	73.8	140.7	168.3
Yemen	26.8	20.8	68.0	4.1	-0.6	3.5	4.0	11.1
Zambia	16.2	26.1	57.2	9.2	1.1	10.2	11.8	3.3
Zimbabwe	15.6	12.7	25.7	10.7	1.1	11.3	8.0	11.8

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