

BP Statistical Review of World Energy June 2016



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65
65th edition

 Natural gas

Total proved reserves

	At end 1995 Trillion cubic metres	At end 2005 Trillion cubic metres	At end 2014 Trillion cubic metres	At end 2015 Trillion cubic metres	Trillion cubic feet	Share of total	R/P ratio
US	4.7	5.8	10.4	10.4	368.7	5.6%	13.6
Canada	1.9	1.6	2.0	2.0	70.2	1.1%	12.2
Mexico	1.9	0.4	0.3	0.3	11.4	0.2%	6.1
Total North America	8.5	7.8	12.8	12.8	450.3	6.8%	13.0
Argentina	0.6	0.4	0.3	0.3	11.7	0.2%	9.1
Bolivia	0.1	0.8	0.3	0.3	9.9	0.2%	13.5
Brazil	0.2	0.3	0.5	0.4	15.0	0.2%	18.5
Colombia	0.2	0.1	0.1	0.1	4.8	0.1%	12.2
Peru	0.2	0.3	0.4	0.4	14.6	0.2%	33.1
Trinidad & Tobago	0.3	0.5	0.3	0.3	11.5	0.2%	8.2
Venezuela	4.1	4.3	5.6	5.6	198.4	3.0%	173.2
Other S. & Cent. America	0.2	0.1	0.1	0.1	2.2	♦	24.0
Total S. & Cent. America	5.9	6.9	7.6	7.6	268.1	4.1%	42.5
Azerbaijan	n/a	0.9	1.2	1.1	40.6	0.6%	63.2
Denmark	0.1	0.1	†	†	1.1	♦	6.7
Germany	0.2	0.2	†	†	1.4	♦	5.4
Italy	0.3	0.1	†	†	1.6	♦	7.3
Kazakhstan	n/a	1.3	0.9	0.9	33.1	0.5%	75.7
Netherlands	1.6	1.3	0.7	0.7	23.8	0.4%	15.7
Norway	1.4	2.4	1.9	1.9	65.6	1.0%	15.9
Poland	0.1	0.1	0.1	0.1	3.3	0.1%	23.1
Romania	0.4	0.6	0.1	0.1	3.9	0.1%	10.7
Russian Federation	31.1	31.2	32.4	32.3	1139.6	17.3%	56.3
Turkmenistan	n/a	2.3	17.5	17.5	617.3	9.4%	241.4
Ukraine	n/a	0.7	0.6	0.6	21.3	0.3%	34.7
United Kingdom	0.7	0.5	0.2	0.2	7.3	0.1%	5.2
Uzbekistan	n/a	1.2	1.1	1.1	38.3	0.6%	18.8
Other Europe & Eurasia	0.3	0.2	0.2	0.2	7.0	0.1%	31.4
Total Europe & Eurasia	40.2	43.0	57.0	56.8	2005.1	30.4%	57.4
Bahrain	0.1	0.1	0.2	0.2	6.1	0.1%	11.1
Iran	19.4	27.6	34.0	34.0	1201.4	18.2%	176.8
Iraq	3.4	3.2	3.7	3.7	130.5	2.0%	*
Israel	†	†	0.2	0.2	6.4	0.1%	21.9
Kuwait	1.5	1.6	1.8	1.8	63.0	1.0%	119.1
Oman	0.5	1.0	0.7	0.7	24.3	0.4%	19.7
Qatar	8.5	25.6	24.5	24.5	866.2	13.1%	135.2
Saudi Arabia	5.5	6.8	8.3	8.3	294.0	4.5%	78.2
Syria	0.2	0.3	0.3	0.3	10.1	0.2%	66.0
United Arab Emirates	5.9	6.1	6.1	6.1	215.1	3.3%	109.2
Yemen	0.3	0.3	0.3	0.3	9.4	0.1%	100.0
Other Middle East	†	†	†	†	0.2	♦	44.9
Total Middle East	45.3	72.6	80.1	80.0	2826.6	42.8%	129.5
Algeria	3.7	4.5	4.5	4.5	159.1	2.4%	54.3
Egypt	0.6	1.9	1.8	1.8	65.2	1.0%	40.5
Libya	1.3	1.3	1.5	1.5	53.1	0.8%	118.0
Nigeria	3.5	5.2	5.1	5.1	180.5	2.7%	102.1
Other Africa	0.8	1.2	1.2	1.1	38.8	0.6%	53.9
Total Africa	9.9	14.1	14.1	14.1	496.7	7.5%	66.4
Australia	1.2	2.2	3.5	3.5	122.6	1.9%	51.8
Bangladesh	0.3	0.4	0.2	0.2	8.2	0.1%	8.7
Brunei	0.4	0.3	0.3	0.3	9.7	0.1%	21.7
China	1.7	1.6	3.7	3.8	135.7	2.1%	27.8
India	0.7	1.1	1.4	1.5	52.6	0.8%	50.9
Indonesia	2.0	2.5	2.8	2.8	100.3	1.5%	37.8
Malaysia	2.3	2.5	1.2	1.2	41.3	0.6%	17.1
Myanmar	0.3	0.5	0.5	0.5	18.7	0.3%	27.0
Pakistan	0.6	0.9	0.5	0.5	19.2	0.3%	12.9
Papua New Guinea	†	†	0.2	0.1	5.0	0.1%	14.3
Thailand	0.2	0.3	0.2	0.2	7.8	0.1%	5.5
Vietnam	0.1	0.2	0.6	0.6	21.8	0.3%	57.9
Other Asia Pacific	0.4	0.4	0.3	0.3	9.9	0.2%	15.8
Total Asia Pacific	10.1	13.0	15.4	15.6	552.6	8.4%	28.1
Total World	119.9	157.3	187.0	186.9	6599.4	100.0%	52.8
of which: OECD	14.5	14.9	19.7	19.6	690.8	10.5%	15.1
Non-OECD	105.4	142.4	167.3	167.3	5908.6	89.5%	74.5
European Union	3.6	3.0	1.3	1.3	46.0	0.7%	10.8
CIS	31.1	37.6	53.7	53.6	1891.3	28.7%	71.3

*More than 500 years.

†Less than 0.05.

♦Less than 0.05%.

††Not available.

Notes: Proved reserves of natural gas – Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for total proved natural gas reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at a company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.

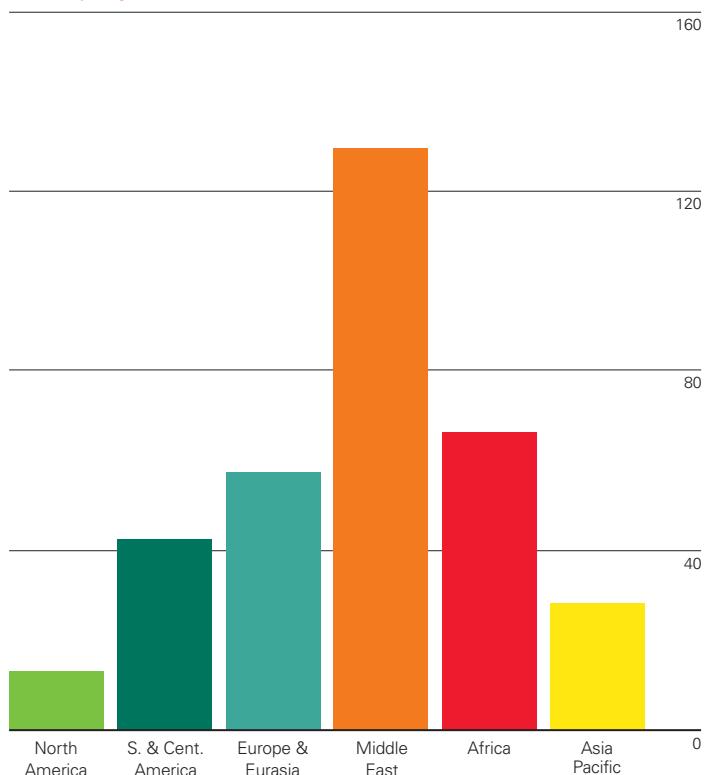
Reserves-to-production (R/P) ratio – If the reserves remaining at the end of any year are divided by the production in that year, the result is the length of time that those remaining reserves would last if production were to continue at that rate.

Source of data – The estimates in this table have been compiled using a combination of primary official sources and third-party data from Cedigaz and the OPEC Secretariat.

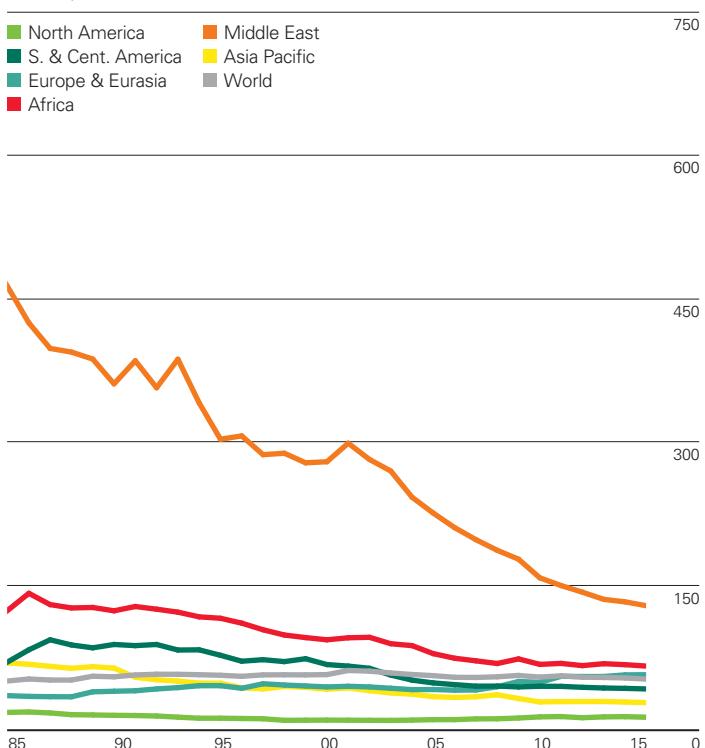
Reserves-to-production (R/P) ratios

Years

2015 by region



History

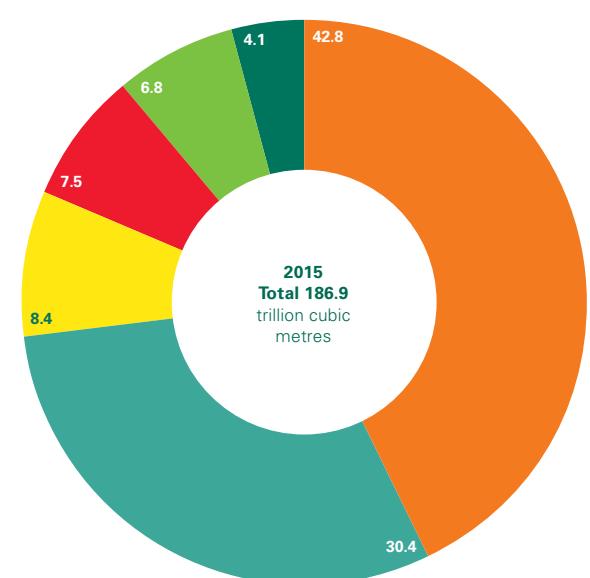
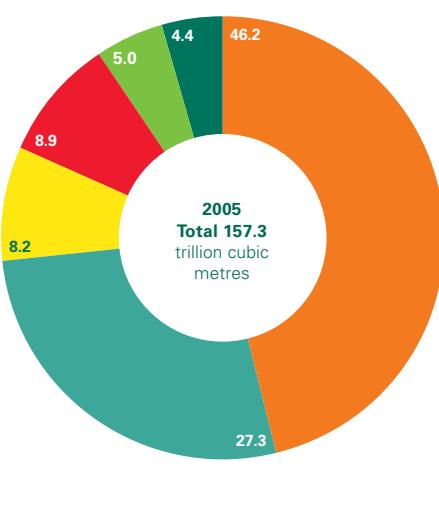
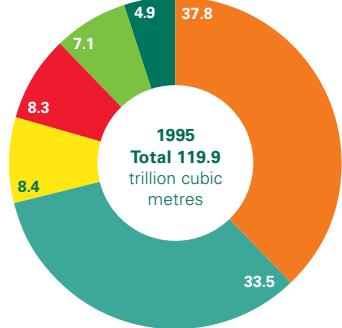


As was the case for oil, global proved natural gas reserves in 2015 fell slightly, (by 0.1 trillion cubic metres (tcm), or -0.1%) to 186.9 tcm, sufficient to meet 52.8 years of current production. Small declines in Russian and Norwegian reserves drove the decline. Reserves have increased by 29.6 tcm over the past decade. The Middle East region holds the largest proved reserves (80 tcm, 42.8% of the global total), and has the highest regional R/P ratio (129.5 years). Lags in reporting official data mean that 2015 figures for many countries are not yet available.

Distribution of proved reserves in 1995, 2005 and 2015

Percentage

- Middle East
- Europe & Eurasia
- Asia Pacific
- Africa
- North America
- S. & Cent. America



Natural gas: Production in billion cubic metres*

Billion cubic metres	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Change 2015 over 2014	2015 share of total
US	511.1	524.0	545.6	570.8	584.0	603.6	648.5	680.5	685.4	728.5	767.3	5.4%	22.0%
Canada	187.1	188.4	182.7	176.6	164.0	159.9	159.7	155.7	156.1	162.0	163.5	0.9%	4.6%
Mexico	52.2	57.3	53.6	53.4	59.3	57.6	58.3	57.2	58.2	57.1	53.2	-6.8%	1.5%
Total North America	750.5	769.7	781.8	800.8	807.3	821.1	866.5	893.5	899.7	947.7	984.0	3.9%	28.1%
Argentina	45.6	46.1	44.8	44.1	41.4	40.1	38.8	37.7	35.5	35.5	36.5	2.9%	1.0%
Bolivia	12.0	12.9	13.8	14.3	12.3	14.2	15.6	17.8	20.3	21.0	20.9	-0.7%	0.6%
Brazil	10.9	11.2	11.2	14.0	11.9	14.6	16.7	19.3	21.3	22.6	22.9	1.3%	0.6%
Colombia	6.7	7.0	7.5	9.1	10.5	11.3	11.0	12.0	12.6	11.8	11.0	-6.5%	0.3%
Peru	1.5	1.8	2.7	3.4	3.5	7.2	11.3	11.9	12.2	12.9	12.5	-3.3%	0.4%
Trinidad & Tobago	33.0	40.1	42.2	42.0	43.6	44.8	43.1	42.7	42.8	42.1	39.6	-5.8%	1.1%
Venezuela	27.4	31.5	36.2	32.8	31.0	30.6	27.6	29.5	28.4	28.6	32.4	13.2%	0.9%
Other S. & Cent. America	3.2	3.6	3.6	3.5	3.4	3.4	3.0	2.8	2.6	2.6	2.6	0.2%	0.1%
Total S. & Cent. America	140.5	154.1	162.1	163.0	157.7	166.2	167.0	173.6	175.9	177.1	178.5	0.7%	5.0%
Azerbaijan	5.2	6.1	9.8	14.8	14.8	15.1	14.8	15.6	16.2	17.6	18.2	3.4%	0.5%
Denmark	10.4	10.4	9.2	10.1	8.4	8.2	6.6	5.8	4.8	4.6	4.6	-0.4%	0.1%
Germany	15.8	15.6	14.3	13.0	12.2	10.6	10.0	9.0	8.2	7.7	7.2	-6.9%	0.2%
Italy	11.1	10.1	8.8	8.4	7.3	7.6	7.7	7.8	7.0	6.5	6.2	-5.3%	0.2%
Kazakhstan	9.0	8.9	9.0	11.6	10.7	10.5	10.5	11.3	11.9	12.2	12.4	1.7%	0.3%
Netherlands	62.5	61.5	60.5	66.5	62.7	70.5	64.1	63.8	68.6	55.7	43.0	-22.8%	1.2%
Norway	85.8	88.7	90.3	100.1	104.4	107.3	101.3	114.7	108.7	108.8	117.2	7.7%	3.3%
Poland	4.3	4.3	4.3	4.1	4.1	4.1	4.3	4.3	4.2	4.1	4.1	-1.2%	0.1%
Romania	12.4	10.6	10.3	10.0	9.9	9.6	9.6	10.0	9.6	9.7	10.3	5.9%	0.3%
Russian Federation	580.1	595.2	592.0	601.7	527.7	588.9	607.0	592.3	604.7	581.7	573.3	-1.5%	16.1%
Turkmenistan	57.0	60.4	65.4	66.1	36.4	42.4	59.5	62.3	62.3	69.3	72.4	4.5%	2.0%
Ukraine	18.6	18.7	18.7	19.0	19.3	18.5	18.7	18.6	18.5	17.9	17.4	-2.8%	0.5%
United Kingdom	88.2	80.0	72.1	69.6	59.7	57.1	45.2	38.9	36.5	36.8	39.7	7.8%	1.1%
Uzbekistan	54.0	56.6	58.2	57.8	55.6	54.4	57.0	56.9	56.9	57.3	57.7	0.8%	1.6%
Other Europe & Eurasia	10.4	10.2	10.3	9.8	9.7	9.7	9.2	8.5	7.3	6.5	6.3	-4.0%	0.2%
Total Europe & Eurasia	1024.8	1037.3	1033.3	1062.7	942.7	1014.5	1025.5	1019.8	1025.6	996.5	989.8	-0.7%	27.8%
Bahrain	10.7	11.3	11.8	12.7	12.8	13.1	13.3	13.7	14.7	15.5	15.5	0.4%	0.4%
Iran	102.3	111.5	124.9	130.8	143.7	152.4	159.9	166.2	166.8	182.0	192.5	5.7%	5.4%
Iraq	1.5	1.5	1.5	1.9	1.1	1.3	0.9	0.6	1.2	0.9	1.0	13.5%	♦
Kuwait	12.2	12.5	12.1	12.8	11.5	11.7	13.5	15.5	16.3	15.0	15.0	-0.4%	0.4%
Oman	22.1	25.8	26.1	26.0	27.0	29.3	30.9	32.2	34.8	33.3	34.9	4.8%	1.0%
Qatar	45.8	50.7	63.2	77.0	89.3	131.2	145.3	157.0	177.6	174.1	181.4	4.2%	5.1%
Saudi Arabia	71.2	73.5	74.4	80.4	78.5	87.7	92.3	99.3	100.0	102.4	106.4	4.0%	3.0%
Syria	5.5	5.6	5.4	5.3	5.9	8.0	7.1	5.8	5.1	4.7	4.3	-7.9%	0.1%
United Arab Emirates	47.8	48.8	50.3	50.2	48.8	51.3	52.3	54.3	54.6	54.2	55.8	2.8%	1.6%
Yemen	—	—	—	—	0.8	6.2	9.0	7.3	9.9	9.3	2.7	-71.5%	0.1%
Other Middle East	1.9	2.6	3.0	3.6	2.9	3.4	4.4	2.7	6.5	7.7	8.4	9.6%	0.2%
Total Middle East	321.0	343.7	372.7	400.7	422.2	495.6	528.8	554.7	587.5	599.1	617.9	3.1%	17.4%
Algeria	88.2	84.5	84.8	85.8	79.6	80.4	82.7	81.5	82.4	83.3	83.0	-0.4%	2.3%
Egypt	42.5	54.7	55.7	59.0	62.7	61.3	61.4	60.9	56.1	48.8	45.6	-6.6%	1.3%
Libya	11.3	13.2	15.3	15.9	15.9	16.8	7.9	12.2	10.4	11.8	12.8	8.0%	0.4%
Nigeria	25.0	29.6	36.9	36.2	26.0	37.3	40.6	43.3	36.2	45.0	50.1	11.1%	1.4%
Other Africa	10.0	10.6	10.7	15.1	15.6	17.4	19.1	18.2	20.8	19.0	20.4	7.1%	0.6%
Total Africa	177.0	192.6	203.4	212.0	199.7	213.3	211.7	216.0	205.9	208.0	211.8	1.8%	6.0%
Australia	39.2	41.7	44.6	44.5	49.0	52.6	51.9	56.3	57.8	61.3	67.1	9.4%	1.9%
Bangladesh	13.8	14.9	15.9	17.0	19.5	20.0	20.3	22.2	22.8	23.9	26.8	12.2%	0.8%
Brunei	12.0	12.6	12.3	12.2	11.4	12.3	12.8	12.6	12.2	11.9	12.7	7.1%	0.4%
China	51.0	60.6	71.6	83.1	88.2	99.1	109.0	111.8	122.2	131.6	138.0	4.8%	3.9%
India	29.6	29.3	30.1	30.5	37.6	49.3	44.5	38.8	32.2	30.4	29.2	-3.8%	0.8%
Indonesia	75.1	74.3	71.5	73.7	76.9	85.7	81.5	77.1	76.5	75.3	75.0	-0.3%	2.1%
Malaysia	63.8	62.5	61.4	63.6	60.9	60.9	62.0	61.3	67.1	66.7	68.2	2.2%	1.9%
Myanmar	12.2	12.6	13.5	12.4	11.6	12.4	12.8	12.7	13.1	16.8	19.6	16.4%	0.6%
Pakistan	39.1	39.9	40.5	41.4	41.6	42.3	42.3	43.8	42.6	41.9	41.9	♦	1.2%
Thailand	23.7	24.3	26.0	28.8	30.9	36.2	37.0	41.4	41.8	42.1	39.8	-5.4%	1.1%
Vietnam	6.4	7.0	7.1	7.5	8.0	9.4	8.5	9.4	9.8	10.2	10.7	4.4%	0.3%
Other Asia Pacific	11.1	14.2	16.8	17.8	18.1	17.6	17.8	17.6	18.1	22.7	27.7	21.8%	0.8%
Total Asia Pacific	377.0	393.9	411.2	432.5	453.6	497.8	500.4	505.0	516.2	534.8	556.7	4.1%	15.7%
Total World	2790.9	2891.2	2964.5	3071.7	2983.3	3208.5	3299.9	3362.6	3410.7	3463.2	3538.6	2.2%	100.0%
of which: OECD	1086.1	1100.0	1105.2	1136.8	1134.1	1158.9	1176.7	1211.3	1215.6	1253.6	1293.2	3.2%	36.8%
Non-OECD	1704.8	1791.2	1859.3	1934.9	1849.2	2049.6	2123.2	2151.3	2195.1	2209.6	2245.5	1.6%	63.2%
European Union	213.7	201.3	188.5	190.2	172.8	176.3	155.3	146.7	145.1	130.5	120.1	-8.0%	3.4%
CIS	724.1	746.2	753.4	771.1	664.6	730.0	767.8	757.2	770.7	756.2	751.6	-0.6%	21.1%

*Excludes gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.

Source: Includes data from Cedigaz.

♦Less than 0.05%.

Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013 mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor, they do not necessarily equate with gas volumes expressed in specific national terms.

Annual changes and shares of total are calculated using million tonnes of oil equivalent figures.

Natural gas production data expressed in billion cubic feet per day is available at bp.com/statisticalreview

Natural gas: Consumption in billion cubic metres*

Billion cubic metres	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Change 2015 over 2014	2015 share of total
US	623.4	614.4	654.2	659.1	648.7	682.1	693.1	723.2	740.6	756.0	778.0	3.0%	22.8%
Canada	97.8	96.9	96.2	96.1	94.9	95.0	100.9	100.2	103.9	104.2	102.5	-1.7%	2.9%
Mexico	60.9	66.6	63.4	66.3	72.2	72.5	76.6	79.9	83.3	86.8	83.2	-4.2%	2.4%
Total North America	782.1	778.0	813.8	821.5	815.9	849.6	870.6	903.3	927.8	947.1	963.6	1.9%	28.1%
Argentina	40.4	41.8	43.9	44.4	42.1	43.2	45.2	46.8	46.5	47.1	47.5	0.8%	1.4%
Brazil	19.6	20.6	21.2	24.9	20.1	26.8	26.7	31.7	37.3	39.4	40.9	3.8%	1.2%
Chile	7.8	7.2	4.3	2.4	2.4	4.9	5.0	4.6	4.6	3.8	3.9	2.9%	0.1%
Colombia	6.7	7.0	7.4	7.6	8.7	9.1	8.8	9.8	10.0	10.9	10.5	-3.2%	0.3%
Ecuador	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.6	0.6	0.7	0.6	-3.5%	♦
Peru	1.5	1.8	2.7	3.4	3.5	5.6	6.2	6.8	6.6	7.2	7.5	4.2%	0.2%
Trinidad & Tobago	16.3	21.2	21.9	21.3	22.2	23.2	23.3	22.2	22.4	22.0	21.5	-2.0%	0.6%
Venezuela	27.4	31.5	36.2	34.3	32.3	32.2	29.7	31.4	30.5	30.7	34.5	12.4%	1.0%
Other S. & Cent. America	3.4	3.9	4.4	4.7	5.1	5.4	6.1	6.7	7.3	7.7	7.7	♦	0.2%
Total S. & Cent. America	123.5	135.4	142.5	143.4	136.8	150.8	151.5	160.6	165.8	169.5	174.8	3.1%	5.0%
Austria	9.9	9.3	8.8	9.4	9.2	10.0	9.4	8.9	8.6	7.9	8.3	6.1%	0.2%
Azerbaijan	8.6	9.1	8.0	9.2	7.8	7.4	8.1	8.5	8.6	9.4	9.8	4.1%	0.3%
Belarus	18.4	18.8	18.8	19.3	16.1	19.7	18.3	18.5	18.5	18.3	17.2	-6.2%	0.5%
Belgium	16.4	16.7	16.6	16.5	16.8	18.9	15.8	16.0	15.8	13.8	15.1	9.6%	0.4%
Bulgaria	3.1	3.2	3.2	3.2	2.3	2.6	2.9	2.7	2.6	2.6	2.9	9.7%	0.1%
Czech Republic	8.6	8.4	7.9	7.9	7.4	8.5	7.7	7.6	7.7	6.9	7.2	4.9%	0.2%
Denmark	5.0	5.1	4.6	4.6	4.4	5.0	4.2	3.9	3.7	3.2	3.2	0.3%	0.1%
Finland	4.0	4.2	3.9	4.0	3.6	3.9	3.5	3.1	2.8	2.5	2.1	-16.4%	0.1%
France	45.6	44.0	42.8	44.3	42.7	47.3	41.1	42.5	43.1	36.2	39.1	7.8%	1.1%
Germany	86.3	87.9	84.7	85.5	80.7	84.1	77.3	77.5	81.2	71.1	74.6	5.0%	2.1%
Greece	2.7	3.1	3.7	3.9	3.3	3.6	4.4	4.0	3.6	2.7	2.8	3.8%	0.1%
Hungary	14.7	14.5	13.5	13.4	11.7	12.5	11.1	10.1	9.2	8.4	8.9	6.6%	0.3%
Ireland	3.9	4.4	4.8	5.0	4.7	5.2	4.6	4.5	4.3	4.1	4.2	1.1%	0.1%
Italy	79.1	77.4	77.3	77.2	71.0	75.6	70.9	68.2	63.8	56.3	61.4	9.1%	1.8%
Kazakhstan	5.3	7.9	6.3	7.0	6.6	4.5	5.1	6.8	7.0	7.6	8.6	12.9%	0.2%
Lithuania	2.8	2.7	3.2	2.9	2.4	2.8	3.0	2.9	2.4	2.3	2.3	0.1%	0.1%
Netherlands	39.3	38.1	37.0	38.5	38.9	43.5	38.0	36.4	37.0	32.0	31.8	-0.7%	0.9%
Norway	4.5	4.4	4.3	4.3	4.1	4.1	4.4	4.4	4.4	4.7	4.8	3.1%	0.1%
Poland	13.6	13.7	13.8	14.9	14.4	15.5	15.7	16.6	16.6	16.3	16.7	3.0%	0.5%
Portugal	4.2	4.1	4.3	4.7	4.7	5.1	5.2	4.5	4.3	4.1	4.3	6.6%	0.1%
Romania	17.6	15.9	14.1	14.0	11.7	12.0	12.3	12.4	11.3	10.5	10.3	-1.9%	0.3%
Russian Federation	394.0	415.0	422.0	416.0	389.6	414.1	424.6	416.2	413.5	411.9	391.5	-5.0%	11.2%
Slovakia	6.6	6.0	5.7	5.7	4.9	5.6	5.2	4.9	5.3	4.2	4.3	2.2%	0.1%
Spain	33.2	34.7	35.3	38.8	34.7	34.6	32.1	31.7	29.0	26.3	27.6	4.9%	0.8%
Sweden	0.8	0.9	1.0	0.9	1.1	1.6	1.3	1.1	1.1	0.9	0.9	-4.5%	♦
Switzerland	2.8	2.7	2.6	2.8	2.7	3.0	2.7	2.9	3.1	2.7	2.9	6.8%	0.1%
Turkey	26.9	30.5	36.1	37.5	35.7	39.0	40.9	41.4	41.8	44.7	43.6	-2.4%	1.3%
Turkmenistan	16.1	18.4	21.3	21.4	19.7	22.6	23.5	26.3	22.9	27.7	34.3	23.9%	1.0%
Ukraine	69.0	67.0	63.2	60.0	46.8	52.2	53.7	49.6	43.3	36.8	28.8	-21.8%	0.8%
United Kingdom	94.9	90.0	91.0	93.8	87.0	94.2	78.1	73.9	73.0	66.7	68.3	2.4%	2.0%
Uzbekistan	42.7	41.9	45.9	48.7	39.9	40.8	47.6	47.2	46.8	48.8	50.3	3.1%	1.4%
Other Europe & Eurasia	13.3	17.2	15.3	17.2	14.9	16.4	16.6	16.3	15.0	14.9	15.3	2.8%	0.4%
Total Europe & Eurasia	1093.5	1117.2	1120.6	1132.7	1041.5	1116.0	1089.1	1071.6	1051.2	1006.4	1003.5	-0.3%	28.8%
Iran	102.7	112.0	125.5	133.2	142.7	152.9	162.2	161.5	162.9	180.0	191.2	6.2%	5.5%
Israel	1.7	2.3	2.8	3.8	4.2	5.3	5.0	2.6	6.9	7.6	8.4	11.0%	0.2%
Kuwait	12.2	12.5	12.1	12.8	12.4	14.5	16.5	18.4	18.6	18.6	19.4	4.2%	0.6%
Qatar	18.7	19.6	23.6	19.0	19.9	32.1	20.7	25.9	42.7	39.7	45.2	13.8%	1.3%
Saudi Arabia	71.2	73.5	74.4	80.4	78.5	87.7	92.3	99.3	100.0	102.4	106.4	4.0%	3.1%
United Arab Emirates	42.1	43.4	49.2	59.5	59.1	60.8	63.2	65.6	67.3	66.3	69.1	4.3%	2.0%
Other Middle East	30.7	33.5	34.3	38.4	41.5	46.2	44.7	48.5	46.9	50.5	50.5	7.7%	1.4%
Total Middle East	279.3	296.8	321.8	347.0	358.2	399.5	404.6	417.9	446.9	461.4	490.2	6.2%	14.1%
Algeria	23.2	23.7	24.3	25.4	27.2	26.3	27.8	31.0	33.4	37.5	39.0	4.1%	1.1%
Egypt	31.6	36.5	38.4	40.8	42.5	45.1	49.6	52.6	51.4	48.0	47.8	-0.4%	1.4%
South Africa	3.1	3.5	3.5	3.7	3.4	3.9	4.1	4.4	4.6	5.0	5.0	1.1%	0.1%
Other Africa	27.1	25.9	30.5	30.8	26.4	31.8	32.7	35.3	33.5	37.9	43.6	15.0%	1.3%
Total Africa	85.1	89.6	96.7	100.7	99.6	107.2	114.2	123.4	122.9	128.4	135.5	5.5%	3.9%
Australia	24.9	27.7	31.5	31.9	32.2	33.2	32.5	33.2	34.3	36.0	34.3	-4.5%	1.0%
Bangladesh	13.8	14.9	15.9	17.0	19.5	20.0	20.3	22.2	22.8	23.9	26.8	12.2%	0.8%
China	48.2	59.3	73.0	84.1	92.6	111.2	137.1	150.9	171.9	188.4	197.3	4.7%	5.7%
China Hong Kong SAR	2.7	2.9	2.7	3.2	3.1	3.8	3.1	2.8	2.6	2.5	3.2	27.6%	0.1%
India	35.7	37.3	40.3	41.5	50.7	61.5	61.9	57.5	50.4	50.6	50.6	-0.1%	1.5%
Indonesia	35.9	36.6	34.1	39.1	41.5	43.4	42.1	42.2	40.8	40.9	39.7	-2.7%	1.1%
Japan	78.6	83.7	90.2	93.7	87.4	94.5	105.5	116.9	116.9	118.0	113.4	-3.9%	3.3%
Malaysia	34.9	35.3	35.5	39.2	35.4	34.5	34.8	35.5	40.3	40.8	39.8	-2.4%	1.1%
New Zealand	3.6	3.7	4.0	3.8	4.0	4.3	3.9	4.2	4.5	4.9	4.5	-7.4%	0.1%
Pakistan	39.1	39.9	40.5	41.4	41.6	42.3	42.3	43.8	42.6	41.9	43.4	3.5%	1.2%
Philippines	3.1	3.0	3.6	3.7	3.8	3.5	3.9	3.7	3.4	3.6	3.3	-6.1%	0.1%
Singapore	6.5	8.6	8.6	9.2	9.7	8.8	8.7	9.4	10.5	10.9	11.3	3.6%	0.3%
South Korea	30.4	32.0	34.7	35.7	33.9	43.0	46.3	50.2	52.5	47.8	43.6	-8.7%	1.3%
Taiwan	9.4	10.1	10.7	11.6	11.4	14.1	15.5	16.3	17.2	18.4	18.4	7.0%	0.5%
Thailand	32.5	33.3	35.4	37.4	39.2	45.1	46.6	51.3	52.3	52.7	52.9	0.3%	1.5%
Vietnam	6.4	7.0	7.1	7.5	8.0	9.4	8.5	9.4	9.8	10.2	10.7	4.4%	0.3%
Other Asia Pacific	5.2	5.5	6.0	5.8	5.3	5.8	6.3	6.2	7.2	7.8	7.8	8.3%	0.2%
Total Asia Pacific	410.8	440.8	473.8	506.0	519.2	578.4	619.1	655.8	678.4	697.4	701.1	0.5%	20.1%
Total World	2774.3	2857.7	2969.2	3051.2	2971.1	3201.4	3249.2	3323.5	3392.9	3410.2	3468.6	1.7%	100.0%
of which: OECD	1434.9	1438.2	1484.0	1509.8	1466.5	1558.8	1544.6	1581.6	1609.2	1582.8	1606.1	1.5%	46.5%
Non-OECD	1339.4	1419.6	1485.2	1541.5	1504.6	1642.7	1704.6	1751.0	1783.7	1827.4			

Natural gas: Production in million tonnes oil equivalent*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Change 2015 over 2014	2015 share of total
US	467.6	479.3	498.6	521.7	532.7	549.5	589.8	620.2	626.4	669.1	705.3	5.4%	22.0%
Canada	168.4	169.6	164.4	158.9	147.6	143.9	143.7	140.2	140.5	145.8	147.2	0.9%	4.6%
Mexico	47.0	51.6	48.2	48.0	53.3	51.8	52.4	51.5	52.4	51.4	47.9	-6.8%	1.5%
Total North America	683.0	700.5	711.2	728.6	733.6	745.2	786.0	811.8	819.3	866.3	900.4	3.9%	28.1%
Argentina	41.1	41.5	40.3	39.7	37.3	36.1	34.9	34.0	32.0	31.9	32.8	2.9%	1.0%
Bolivia	10.8	11.6	12.4	12.9	11.1	12.8	14.0	16.0	18.3	18.9	18.8	-0.7%	0.6%
Brazil	9.8	10.0	10.1	12.6	10.7	13.1	15.1	17.3	19.2	20.4	20.6	1.3%	0.6%
Colombia	6.0	6.3	6.8	8.2	9.5	10.1	9.9	10.8	11.4	10.6	9.9	-6.5%	0.3%
Peru	1.4	1.6	2.4	3.1	3.1	6.5	10.2	10.7	11.0	11.6	11.2	-3.3%	0.4%
Trinidad & Tobago	29.7	36.1	38.0	37.8	39.3	40.3	38.8	38.4	38.6	37.9	35.7	-5.8%	1.1%
Venezuela	24.7	28.3	32.6	29.5	27.9	27.6	24.8	26.5	25.6	25.8	29.2	13.2%	0.9%
Other S. & Cent. America	2.9	3.2	3.3	3.1	3.1	3.1	2.7	2.5	2.4	2.4	2.4	0.2%	0.1%
Total S. & Cent. America	126.5	138.7	145.9	146.7	141.9	149.6	150.3	156.2	158.3	159.4	160.6	0.7%	5.0%
Azerbaijan	4.7	5.5	8.8	13.3	13.3	13.6	13.3	14.0	14.6	15.8	16.4	3.4%	0.5%
Denmark	9.4	9.4	8.3	9.1	7.6	7.4	5.9	5.2	4.4	4.2	4.1	-0.4%	0.1%
Germany	14.2	14.1	12.9	11.7	11.0	9.6	9.0	8.1	7.4	7.0	6.5	-6.9%	0.2%
Italy	10.0	9.1	7.9	7.6	6.6	6.9	6.9	7.0	6.3	5.9	5.5	-5.3%	0.2%
Kazakhstan	8.1	8.0	8.1	10.4	9.6	9.5	9.4	10.2	10.7	10.9	11.1	1.7%	0.3%
Netherlands	56.2	55.4	54.4	59.9	56.4	63.4	57.7	57.4	61.8	50.1	38.7	-22.8%	1.2%
Norway	77.3	79.8	81.3	90.1	93.9	96.5	91.1	103.3	97.9	97.9	105.4	7.7%	3.3%
Poland	3.9	3.9	3.9	3.7	3.7	3.7	3.8	3.9	3.8	3.7	3.7	-1.2%	0.1%
Romania	11.2	9.6	9.2	9.0	8.9	8.6	8.7	9.0	8.6	8.8	9.3	5.9%	0.3%
Russian Federation	522.1	535.6	532.8	541.5	474.9	530.0	546.3	533.0	544.2	523.6	516.0	-1.5%	16.1%
Turkmenistan	51.3	54.3	58.9	59.5	32.7	38.1	53.6	56.1	56.1	62.3	65.2	4.5%	2.0%
Ukraine	16.7	16.9	16.9	17.1	17.3	16.7	16.8	16.7	16.6	16.1	15.7	-2.8%	0.5%
United Kingdom	79.4	72.0	64.9	62.7	53.7	51.4	40.7	35.0	32.8	33.1	35.7	7.8%	1.1%
Uzbekistan	48.6	51.0	52.4	52.0	50.0	49.0	51.3	51.2	51.2	51.6	52.0	0.8%	1.6%
Other Europe & Eurasia	9.4	9.1	9.3	8.9	8.7	8.8	8.3	7.6	6.6	5.9	5.6	-4.0%	0.2%
Total Europe & Eurasia	922.3	933.6	930.0	956.5	848.5	913.1	923.0	917.9	923.0	896.8	890.8	-0.7%	27.8%
Bahrain	9.6	10.2	10.6	11.4	11.5	11.8	12.0	12.4	13.2	13.9	14.0	0.4%	0.4%
Iran	92.1	100.3	112.5	117.7	129.3	137.1	143.9	149.5	150.1	163.8	173.2	5.7%	5.4%
Iraq	1.3	1.3	1.3	1.7	1.0	1.2	0.8	0.6	1.1	0.8	0.9	13.5%	♦
Kuwait	11.0	11.3	10.9	11.5	10.3	10.6	12.2	14.0	14.7	13.5	13.5	-0.4%	0.4%
Oman	19.9	23.2	23.5	23.4	24.3	26.4	27.8	29.0	31.3	30.0	31.4	4.8%	1.0%
Qatar	41.2	45.6	56.9	69.3	80.4	118.0	130.7	141.3	159.8	156.7	163.3	4.2%	5.1%
Saudi Arabia	64.1	66.1	67.0	72.4	70.6	78.9	83.0	89.4	90.0	92.1	95.8	4.0%	3.0%
Syria	4.9	5.1	4.9	4.8	5.3	7.2	6.4	5.2	4.6	4.2	3.9	-7.9%	0.1%
United Arab Emirates	43.0	43.9	45.3	45.2	44.0	46.2	47.1	48.9	49.1	48.8	50.2	2.8%	1.6%
Yemen	—	—	—	—	0.7	5.6	8.1	6.5	8.9	8.4	2.4	-71.5%	0.1%
Other Middle East	1.7	2.3	2.7	3.3	2.6	3.1	4.0	2.4	5.9	6.9	7.6	9.6%	0.2%
Total Middle East	288.9	309.3	335.4	360.6	380.0	446.0	475.9	499.2	528.8	539.2	556.1	3.1%	17.4%
Algeria	79.4	76.0	76.3	77.2	71.6	72.4	74.4	73.4	74.2	75.0	74.7	-0.4%	2.3%
Egypt	38.3	49.2	50.1	53.1	56.4	55.2	55.3	54.8	50.5	43.9	41.0	-6.6%	1.3%
Libya	10.2	11.9	13.8	14.3	14.3	15.1	7.1	11.0	9.3	10.6	11.5	8.0%	0.4%
Nigeria	22.5	26.6	33.2	32.5	23.4	33.6	36.5	39.0	32.6	40.5	45.1	11.1%	1.4%
Other Africa	9.0	9.6	9.7	13.6	14.0	15.7	17.2	16.3	18.8	17.1	18.3	7.1%	0.6%
Total Africa	159.3	173.3	183.1	190.8	179.7	192.0	190.5	194.4	185.3	187.2	190.6	1.8%	6.0%
Australia	35.3	37.6	40.1	40.0	44.1	47.3	46.7	50.6	52.1	55.2	60.3	9.4%	1.9%
Bangladesh	12.4	13.4	14.3	15.3	17.5	18.0	18.3	20.0	20.5	21.5	24.1	12.2%	0.8%
Brunei	10.8	11.3	11.0	10.9	10.3	11.1	11.5	11.3	11.0	10.7	11.4	7.1%	0.4%
China	45.9	54.5	64.5	74.8	79.4	89.2	98.1	100.7	110.0	118.4	124.2	4.8%	3.9%
India	26.7	26.4	27.1	27.5	33.8	44.3	40.1	34.9	29.0	27.4	26.3	-3.8%	0.8%
Indonesia	67.6	66.9	64.4	66.4	69.2	77.1	73.3	69.4	68.8	67.7	67.5	-0.3%	2.1%
Malaysia	57.4	56.3	55.2	57.3	54.8	54.8	55.8	55.2	60.4	60.0	61.4	2.2%	1.9%
Myanmar	11.0	11.3	12.2	11.2	10.4	11.2	11.5	11.5	11.8	15.2	17.6	16.4%	0.6%
Pakistan	35.1	35.9	36.4	37.3	37.4	38.1	38.1	39.4	38.4	37.7	37.7	♦	1.2%
Thailand	21.3	21.9	23.4	25.9	27.8	32.6	33.3	37.3	37.6	37.9	35.8	-5.4%	1.1%
Vietnam	5.8	6.3	6.4	6.7	7.2	8.5	7.6	8.4	8.8	9.2	9.6	4.4%	0.3%
Other Asia Pacific	10.0	12.8	15.1	16.0	16.3	15.9	16.0	15.9	16.3	20.4	24.9	21.8%	0.8%
Total Asia Pacific	339.3	354.5	370.1	389.3	408.3	448.0	450.3	454.5	464.5	481.3	501.0	4.1%	15.7%
Total World	2519.4	2609.9	2675.7	2772.5	2692.1	2893.9	2976.1	3034.0	3079.2	3130.2	3199.5	2.2%	100.0%
of which: OECD	985.1	997.8	1002.3	1031.1	1027.8	1049.3	1065.2	1097.8	1103.6	1141.6	1178.6	3.2%	36.8%
Non-OECD	1534.3	1612.1	1673.4	1741.4	1664.2	1844.6	1910.9	1936.2	1975.6	1988.6	2020.9	1.6%	63.2%
European Union	192.3	181.2	169.6	171.2	155.6	158.7	139.7	132.1	130.6	117.4	108.1	-8.0%	3.4%
CIS	651.7	671.5	678.1	694.0	598.1	657.0	691.0	681.5	693.6	680.5	676.5	-0.6%	21.1%

*Excludes gas flared or recycled. Includes natural gas produced for Gas-to-Liquids transformation.

♦Less than 0.05%.

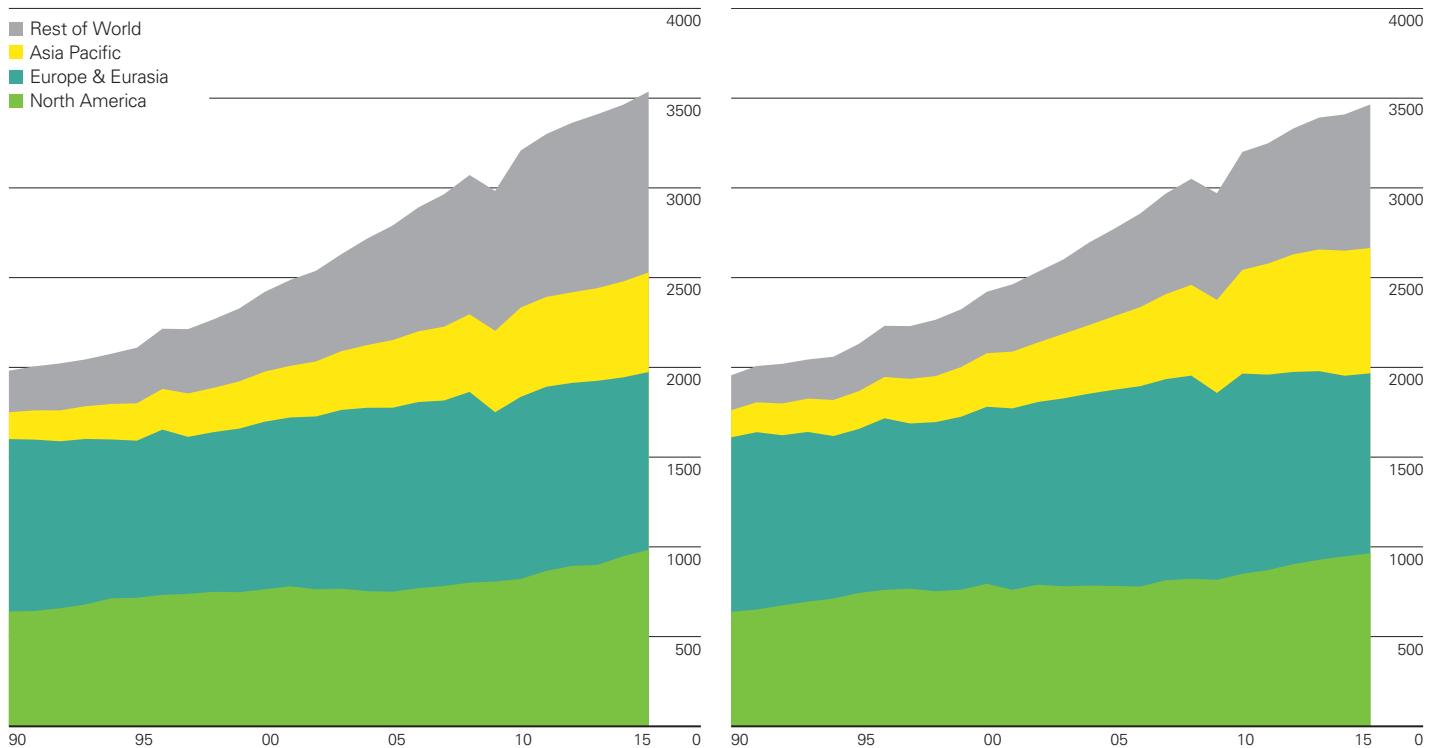
Source: Includes data from Cedigaz.

Natural gas: Consumption in million tonnes oil equivalent*

Million tonnes oil equivalent	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Change 2015 over 2014	2015 share of total
US	568.6	560.4	596.3	600.8	590.1	619.3	628.8	657.4	675.5	692.7	713.6	3.0%	22.8%
Canada	88.0	87.3	86.6	86.5	85.4	85.5	90.8	90.2	93.5	93.8	92.2	-1.7%	2.9%
Mexico	54.8	59.9	57.1	59.7	65.0	65.2	68.9	71.9	74.9	78.1	74.9	-4.2%	2.4%
Total North America	711.5	707.6	739.9	747.0	740.5	770.0	788.6	819.5	843.9	864.6	880.7	1.9%	28.1%
Argentina	36.4	37.6	39.5	40.0	37.9	38.9	40.7	42.2	41.8	42.4	42.8	0.8%	1.4%
Brazil	17.6	18.5	19.1	22.4	18.1	24.1	24.0	28.5	33.6	35.5	36.8	3.8%	1.2%
Chile	7.0	6.5	3.8	2.1	2.2	4.4	4.5	4.1	4.1	3.4	3.5	2.9%	0.1%
Colombia	6.0	6.3	6.7	6.8	7.8	8.2	8.0	8.9	9.0	9.8	9.5	-3.2%	0.3%
Ecuador	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	-3.5%	•
Peru	1.4	1.6	2.4	3.1	3.1	5.0	5.6	6.1	5.9	6.5	6.8	4.2%	0.2%
Trinidad & Tobago	14.7	19.1	19.7	19.2	19.9	20.9	21.0	20.0	20.2	19.8	19.4	-2.0%	0.6%
Venezuela	24.7	28.3	32.6	30.9	29.0	29.0	26.7	28.3	27.5	27.7	31.1	12.4%	1.0%
Other S. & Cent. America	3.1	3.5	3.9	4.3	4.5	4.8	5.5	6.1	6.6	6.9	6.9	•	0.2%
Total S. & Cent. America	111.1	121.9	128.2	129.1	123.1	135.8	136.4	144.5	149.2	152.6	157.3	3.1%	5.0%
Austria	8.9	8.4	7.9	8.5	8.2	9.0	8.4	8.1	7.7	7.1	7.5	6.1%	0.2%
Azerbaijan	7.7	8.2	7.2	8.2	7.0	6.7	7.3	7.7	7.7	8.5	8.8	4.1%	0.3%
Belarus	16.5	16.9	16.9	17.4	14.5	17.8	16.5	16.7	16.7	16.5	15.5	-6.2%	0.5%
Belgium	14.7	15.0	14.9	14.8	15.1	17.0	14.2	14.4	14.2	12.4	13.6	9.6%	0.4%
Bulgaria	2.8	2.9	2.9	2.9	2.1	2.3	2.6	2.5	2.4	2.4	2.6	9.7%	0.1%
Czech Republic	7.7	7.6	7.1	7.1	6.7	7.6	6.9	6.9	6.9	6.2	6.5	4.9%	0.2%
Denmark	4.5	4.6	4.1	4.1	4.0	4.5	3.8	3.5	3.4	2.8	2.9	0.3%	0.1%
Finland	3.6	3.8	3.5	3.6	3.2	3.6	3.1	2.7	2.6	2.3	1.9	-16.4%	0.1%
France	41.1	39.6	38.5	39.9	38.4	42.6	37.0	38.2	38.8	32.6	35.1	7.8%	1.1%
Germany	77.6	79.1	76.2	77.0	72.6	75.7	69.5	69.7	73.1	64.0	67.2	5.0%	2.1%
Greece	2.4	2.8	3.3	3.5	2.9	3.2	4.0	3.6	3.2	2.4	2.5	3.8%	0.1%
Hungary	13.3	13.1	12.2	12.1	10.5	11.3	10.0	9.1	8.3	7.5	8.0	6.6%	0.3%
Ireland	3.5	3.9	4.3	4.5	4.3	4.7	4.1	4.0	3.8	3.7	3.8	1.1%	0.1%
Italy	71.2	69.7	69.5	69.5	63.9	68.1	63.8	61.4	57.4	50.7	55.3	9.1%	1.8%
Kazakhstan	4.8	7.1	5.6	6.3	6.0	4.0	4.6	6.1	6.3	6.9	7.8	12.9%	0.2%
Lithuania	2.5	2.5	2.9	2.6	2.2	2.5	2.7	2.7	2.2	2.1	2.1	0.1%	0.1%
Netherlands	35.3	34.3	33.3	34.7	35.0	39.2	34.2	32.7	33.3	28.8	28.6	-0.7%	0.9%
Norway	4.0	4.0	3.8	3.9	3.7	3.7	4.0	3.9	4.0	4.2	4.3	3.1%	0.1%
Poland	12.2	12.4	12.4	13.5	13.0	14.0	14.1	15.0	15.0	14.6	15.1	3.0%	0.5%
Portugal	3.8	3.7	3.9	4.3	4.2	4.6	4.7	4.0	3.8	3.7	3.9	6.6%	0.1%
Romania	15.8	14.4	12.7	12.6	10.5	10.8	11.0	11.2	10.2	9.5	9.3	-1.9%	0.3%
Russian Federation	354.6	373.5	379.8	374.4	350.7	372.7	382.1	374.6	372.1	370.7	352.3	-5.0%	11.2%
Slovakia	5.9	5.4	5.1	5.2	4.4	5.0	4.6	4.4	4.8	3.8	3.9	2.2%	0.1%
Spain	29.8	31.2	31.8	34.9	31.2	31.1	28.9	28.6	26.1	23.7	24.8	4.9%	0.8% •
Sweden	0.7	0.8	0.9	0.8	1.0	1.4	1.1	1.0	1.0	0.8	0.8	-4.5%	•
Switzerland	2.5	2.4	2.4	2.5	2.4	2.7	2.4	2.6	2.8	2.4	2.6	6.8%	0.1%
Turkey	24.2	27.4	32.5	33.8	32.1	35.1	36.8	37.3	37.6	40.2	39.2	-2.4%	1.3%
Turkmenistan	14.5	16.5	19.1	19.3	17.7	20.4	21.2	23.7	20.6	24.9	30.9	23.9%	1.0%
Ukraine	62.1	60.3	56.9	54.0	42.1	47.0	48.3	44.6	38.9	33.1	25.9	-21.8%	0.8%
United Kingdom	85.4	81.0	81.9	84.4	78.3	84.8	70.3	66.5	65.7	60.0	61.4	2.4%	2.0%
Uzbekistan	38.4	37.7	41.3	43.8	35.9	36.8	42.9	42.5	42.2	43.9	45.3	3.1%	1.4%
Other Europe & Eurasia	12.0	15.5	13.7	15.4	13.4	14.8	14.9	14.7	13.5	13.4	13.7	2.8%	0.4%
Total Europe & Eurasia	984.2	1005.5	1008.6	1019.4	937.4	1004.4	980.2	964.4	946.1	905.8	903.1	-0.3%	28.8%
Iran	92.5	100.8	113.0	119.9	128.4	137.6	146.0	145.4	146.6	162.0	172.1	6.2%	5.5%
Israel	1.5	2.1	2.5	3.4	3.8	4.8	4.5	2.3	6.2	6.8	7.6	11.0%	0.2%
Kuwait	11.0	11.3	10.9	11.5	11.1	13.1	14.9	16.6	16.8	16.8	17.5	4.2%	0.6%
Qatar	16.8	17.6	21.2	17.1	17.9	28.9	18.7	23.3	38.4	35.7	40.6	13.8%	1.3%
Saudi Arabia	64.1	66.1	67.0	72.4	70.6	78.9	83.0	89.4	90.0	92.1	95.8	4.0%	3.1%
United Arab Emirates	37.8	39.0	44.3	53.5	53.2	54.7	56.9	59.0	60.5	59.6	62.2	4.3%	2.0%
Other Middle East	27.7	30.2	30.8	34.5	37.4	41.6	40.2	43.7	42.2	42.2	45.4	7.7%	1.4%
Total Middle East	251.4	267.1	289.6	312.3	322.4	359.5	364.2	376.1	402.2	415.3	441.2	6.2%	14.1%
Algeria	20.9	21.4	21.9	22.8	24.5	23.7	25.1	27.9	30.0	33.7	35.1	4.1%	1.1%
Egypt	28.4	32.9	34.5	36.8	38.3	40.6	44.7	47.3	46.3	43.2	43.0	-0.4%	1.4%
South Africa	2.8	3.1	3.1	3.4	3.0	3.5	3.7	4.0	4.1	4.5	4.5	1.1%	0.1%
Other Africa	24.4	23.3	27.5	27.7	23.8	28.6	29.4	31.8	30.1	34.1	39.2	15.0%	1.3%
Total Africa	76.5	80.6	87.0	90.6	89.6	96.5	102.8	111.0	110.6	115.6	121.9	5.5%	3.9%
Australia	22.4	24.9	28.3	28.7	29.0	29.9	29.2	29.9	30.9	32.4	30.9	-4.5%	1.0%
Bangladesh	12.4	13.4	14.3	15.3	17.5	18.0	18.3	20.0	20.5	21.5	24.1	12.2%	0.8%
China	43.4	53.4	65.7	75.7	83.3	100.1	123.4	135.8	154.7	169.6	177.6	4.7%	5.7%
China Hong Kong SAR	2.4	2.6	2.5	2.9	2.8	3.4	2.7	2.5	2.4	2.3	2.9	27.6%	0.1%
India	32.1	33.5	36.3	37.4	45.6	55.3	55.7	51.8	45.3	45.6	45.5	-0.1%	1.5%
Indonesia	32.3	32.9	30.7	35.2	37.3	39.1	37.9	38.0	36.7	36.8	35.8	-2.7%	1.1%
Japan	70.7	75.4	81.2	84.4	78.7	85.1	95.0	105.2	105.2	106.2	102.1	-3.9%	3.3%
Malaysia	31.4	31.8	31.9	35.3	31.8	31.0	31.3	31.9	36.3	36.7	35.8	-2.4%	1.1%
New Zealand	3.2	3.3	3.6	3.4	3.6	3.9	3.5	3.8	4.0	4.4	4.1	-7.4%	0.1%
Pakistan	35.1	35.9	36.4	37.3	37.4	38.1	38.1	39.4	38.4	37.7	39.0	3.5%	1.2%
Philippines	2.8	2.7	3.2	3.4	3.4	3.2	3.5	3.3	3.0	3.2	3.0	-6.1%	0.1%
Singapore	5.9	7.7	7.7	8.3	8.7	7.9	7.9	8.5	9.5	9.8	10.2	3.6%	0.3%
South Korea	27.3	28.8	31.2	32.1	30.5	38.7	41.7	45.2	47.3	43.0	39.2	-8.7%	1.3%
Taiwan	8.5	9.1	9.6	10.5	10.2	12.7	14.0	14.7	14.7	15.5	16.5	7.0%	0.5%
Thailand	29.3	30.0	31.8	33.6	35.3	40.5	41.9	46.1	47.0	47.4	47.6	0.3%	1.5%
Vietnam	5.8	6.3	6.4	6.7	7.2	8.5	7.6	8.4	8.8	9.2	9.6	4.4%	0.3%
Other Asia Pacific	4.7	4.9	5.4	5.2	4.8	5.2	5.6	5.6	5.8	6.5	7.1	8.3%	0.2%
Total Asia Pacific	369.8	396.7	426.4	455.4	467.3	520.5	557.2	590.2	610.5	627.7	631.0	0.5%	20.1%
Total World	2504.5	2579.4	2679.8	2753.7	2680.2	2886.7	2929.3	3005.8	3062.5	3081.5	3135.2	1.7%	100.0%
of which: OECD	1299.0	1301.8	1343.0	1366.4	1326.1	1408.3	1395.2	1430.0	1457.2	1436.8	1458.9	1.5%	46.5%
Non-OECD	1205.5	1277.6	1336.7	1387.3	1354.1	1478.4	1534.1	1575.9	1605.3	1644.7	1676.3	1.9%	53.5

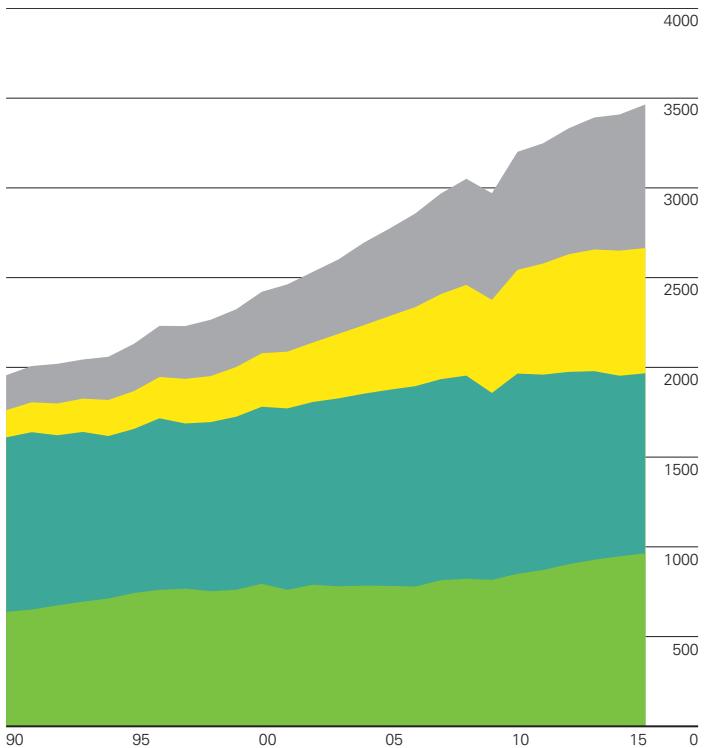
Natural gas: Production by region

Billion cubic metres



Natural gas: Consumption by region

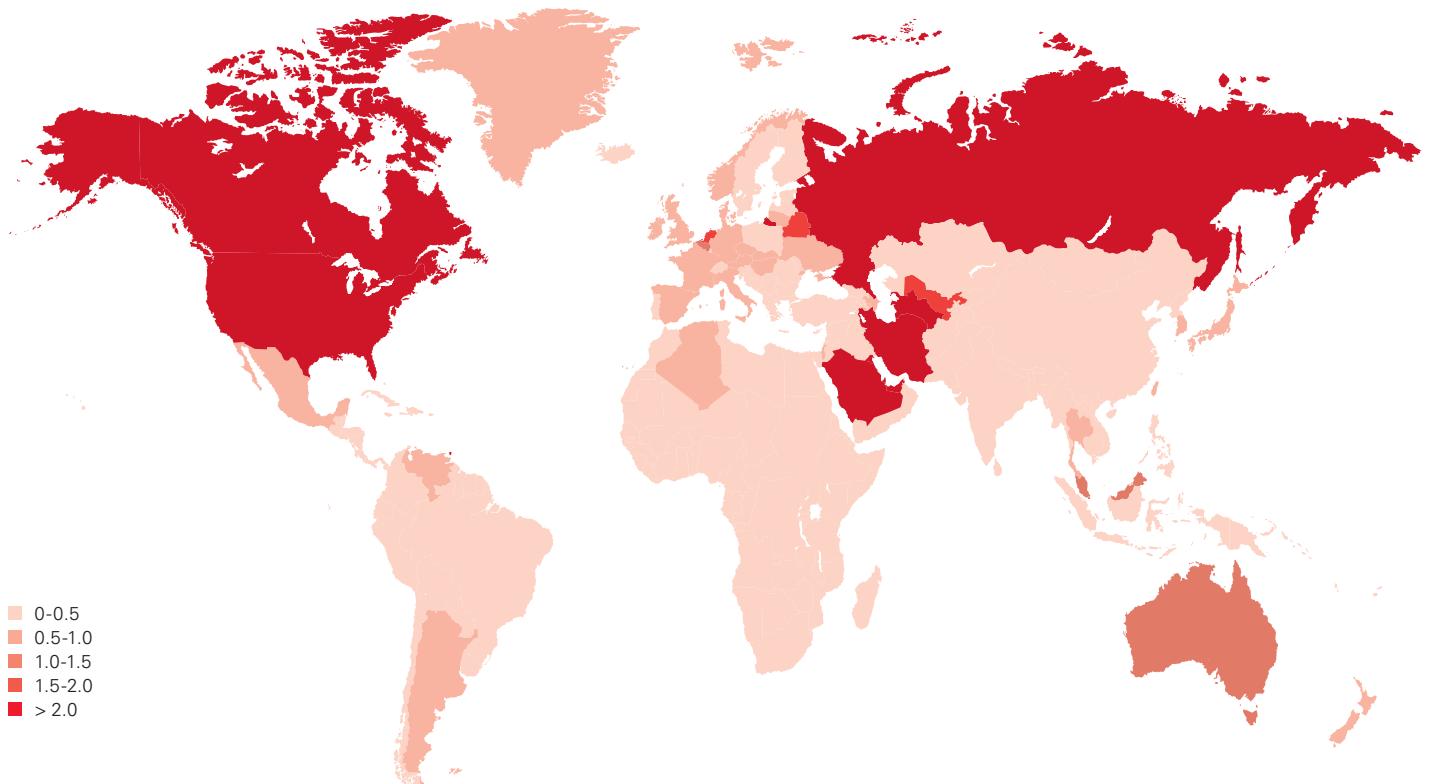
Billion cubic metres



World natural gas production growth accelerated to 2.2% in 2015, slightly below the 10-year average growth of 2.4%. North America (+3.9%) recorded the largest growth increment, driven by continued strong increases in US output, while production in Europe & Eurasia declined by 0.7%, with large declines in the Netherlands and Russia. Consumption growth (+1.7%) also accelerated from a very weak 2014, but remained below the 10-year average of 2.3%. The Middle East recorded the strongest regional growth rate (+6.2%), while consumption in Europe & Eurasia declined by 0.3%, with a decline in Russia offsetting growth in the EU.

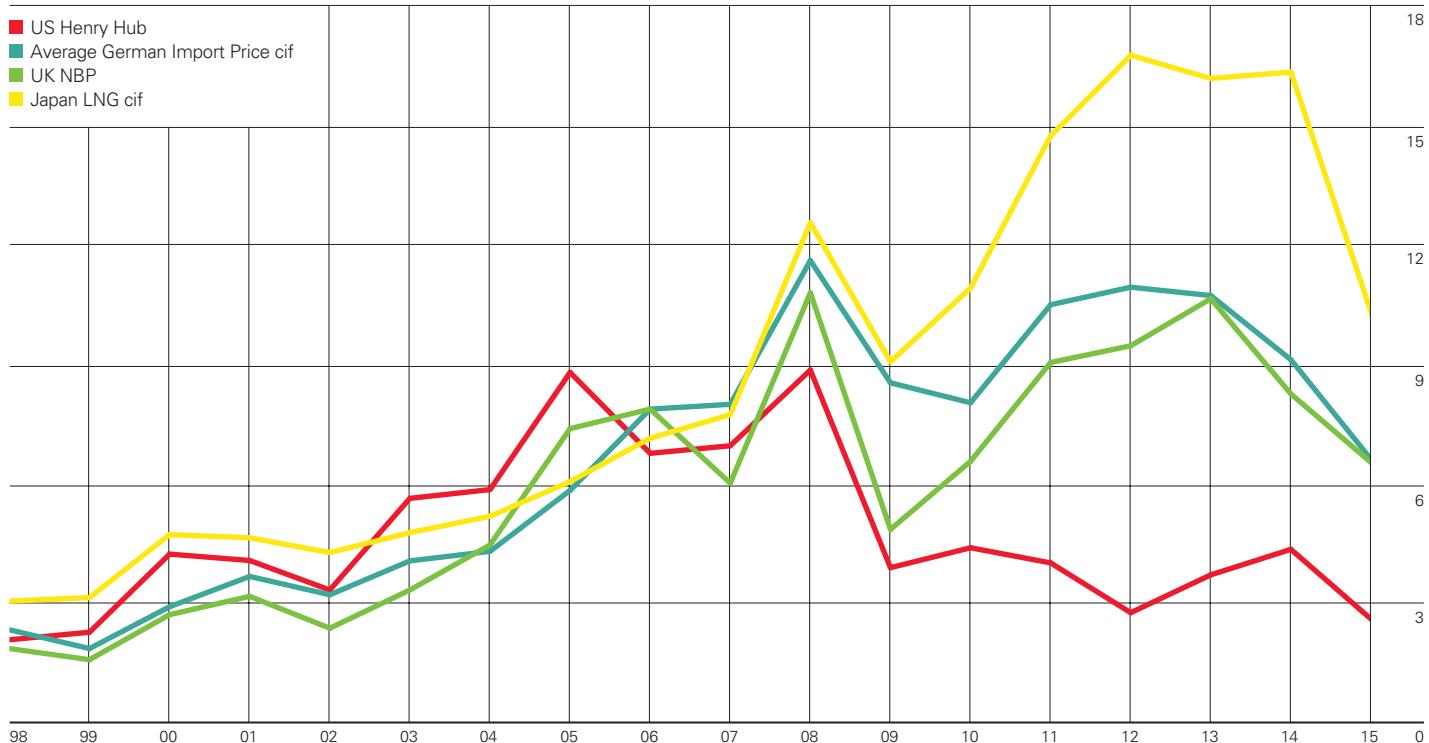
Natural gas: Consumption per capita 2015

Tonnes oil equivalent



Prices

\$/mmBtu



Prices

US dollars per million Btu	LNG Japan cif	Natural gas				Crude oil OECD countries cif
		Average German Import Price*	UK (Heren NBP Index)†	US Henry Hub‡	Canada (Alberta)‡	
1985	5.23	4.25	—	—	—	4.75
1986	4.10	3.93	—	—	—	2.57
1987	3.35	2.55	—	—	—	3.09
1988	3.34	2.22	—	—	—	2.56
1989	3.28	2.00	—	1.70	—	3.01
1990	3.64	2.78	—	1.64	1.05	3.82
1991	3.99	3.23	—	1.49	0.89	3.33
1992	3.62	2.70	—	1.77	0.98	3.19
1993	3.52	2.51	—	2.12	1.69	2.82
1994	3.18	2.35	—	1.92	1.45	2.70
1995	3.46	2.43	—	1.69	0.89	2.96
1996	3.66	2.50	1.87	2.76	1.12	3.54
1997	3.91	2.66	1.96	2.53	1.36	3.29
1998	3.05	2.33	1.86	2.08	1.42	2.16
1999	3.14	1.86	1.58	2.27	2.00	2.98
2000	4.72	2.91	2.71	4.23	3.75	4.83
2001	4.64	3.67	3.17	4.07	3.61	4.08
2002	4.27	3.21	2.37	3.33	2.57	4.17
2003	4.77	4.06	3.33	5.63	4.83	4.89
2004	5.18	4.30	4.46	5.85	5.03	6.27
2005	6.05	5.83	7.38	8.79	7.25	8.74
2006	7.14	7.87	7.87	6.76	5.83	10.66
2007	7.73	7.99	6.01	6.95	6.17	11.95
2008	12.55	11.60	10.79	8.85	7.99	16.76
2009	9.06	8.53	4.85	3.89	3.38	10.41
2010	10.91	8.03	6.56	4.39	3.69	13.47
2011	14.73	10.49	9.04	4.01	3.47	18.56
2012	16.75	10.93	9.46	2.76	2.27	18.82
2013	16.17	10.72	10.64	3.71	2.93	18.25
2014	16.33	9.11	8.25	4.35	3.87	16.80
2015	10.31	6.61	6.53	2.60	2.01	8.77

*Source: 1985-1990 German Federal Statistical Office, 1991-2015 German Federal Office of Economics and Export Control (BAFA).

†Source: ICIS Heren Energy Ltd.

‡Source: Energy Intelligence Group, *Natural Gas Week*.

Note: cif = cost+insurance+freight (average prices).

Natural gas: Trade movements 2015 by pipeline

Billion cubic metres		From																						
To	US	Canada	Mexico	Bolivia	Other S. & Cent. America	Netherlands	Norway	United Kingdom	Other Europe	Azerbaijan	Kazakhstan	Russian Federation	Turkmenistan	Uzbekistan	Iran	Qatar	Algeria	Libya	Other Africa	Indonesia	Myanmar	Other Asia Pacific	Total imports	
US	-	74.3	†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.4		
Canada	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8		
Mexico	29.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.9		
North America	49.7	74.3	†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124.1		
Argentina	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4		
Brazil	-	-	-	10.8	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0		
Other S. & Cent. America	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1		
S. & Cent. America	-	-	-	16.2	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5		
Austria	-	-	-	-	-	-	1.7	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	6.0	
Belgium	-	-	-	-	-	2.9	2.1	7.3	0.6	-	-	10.9	-	-	-	-	-	-	-	-	-	-	23.7	
Czech Republic	-	-	-	-	-	-	-	-	3.6	-	-	4.1	-	-	-	-	-	-	-	-	-	-	7.7	
Finland	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	2.7	
France	-	-	-	-	-	4.7	17.2	-	4.5	-	-	9.5	-	-	-	-	-	-	-	-	-	-	35.9	
Germany	-	-	-	-	-	23.0	34.9	-	0.9	-	-	45.2	-	-	-	-	-	-	-	-	-	-	104.0	
Greece	-	-	-	-	-	-	-	-	0.6	-	-	1.9	-	-	-	-	-	-	-	-	-	-	2.5	
Hungary	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-	-	-	-	-	-	-	-	5.8	
Ireland	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	
Italy	-	-	-	-	-	6.0	7.0	-	0.2	-	-	24.0	-	-	-	-	-	-	-	-	-	-	50.2	
Netherlands	-	-	-	-	-	-	17.9	1.8	8.1	-	-	2.3	-	-	-	-	-	-	-	-	-	-	30.2	
Poland	-	-	-	-	-	-	-	-	2.3	-	-	8.8	-	-	-	-	-	-	-	-	-	-	11.1	
Slovakia	-	-	-	-	-	-	-	-	9.1	-	-	3.7	-	-	-	-	-	-	-	-	-	-	12.9	
Spain	-	-	-	-	-	-	2.1	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	
Turkey	-	-	-	-	-	-	-	-	-	5.3	-	26.6	-	-	7.8	-	-	-	-	-	-	-	39.7	
United Kingdom	-	-	-	-	-	3.1	25.7	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	29.0	
Other Europe	-	-	-	-	-	0.9	1.1	†	4.5	2.1	-	9.8	-	-	-	-	-	-	-	-	-	-	20.4	
Europe	-	-	-	-	-	40.6	109.5	13.4	35.7	7.4	-	159.8	-	-	7.8	-	20.7	6.5	-	-	-	401.4		
Belarus	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	-	-	-	-	-	-	-	-	16.8	
Kazakhstan	-	-	-	-	-	-	-	-	-	-	-	5.0	0.3	2.6	-	-	-	-	-	-	-	-	7.9	
Russian Federation	-	-	-	-	-	-	-	-	-	-	-	10.9	-	2.8	3.3	-	-	-	-	-	-	-	16.9	
Ukraine	-	-	-	-	-	-	-	9.2	-	-	-	7.0	-	-	-	-	-	-	-	-	-	-	16.2	
Other CIS	-	-	-	-	-	-	-	-	-	-	-	0.1	4.4	-	†	0.5	-	-	-	-	-	-	5.1	
CIS	-	-	-	-	-	-	-	-	-	9.2	-	11.0	33.2	3.1	5.9	0.5	-	-	-	-	-	-	62.9	
Iran	-	-	-	-	-	-	-	-	-	0.2	-	-	7.2	-	-	-	-	-	-	-	-	-	7.5	
Oman	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-	-	2.1	
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-	-	-	-	-	17.7	
Middle East	-	-	-	-	-	-	-	-	-	0.2	-	-	7.2	-	-	19.8	-	-	-	-	-	-	27.3	
South Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	
Other Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	0.6	-	-	-	-	4.9
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	4.6	-	-	8.9	
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	
China	-	-	-	-	-	-	-	-	-	-	-	0.4	-	27.7	1.5	-	-	-	-	-	-	-	33.6	
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	
Singapore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	
Thailand	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	
Asia Pacific	-	-	-	-	-	-	-	-	-	-	-	0.4	-	27.7	1.5	-	-	-	-	-	-	-	61.2	
Total exports	49.7	74.3	†	16.2	2.3	40.6	109.5	13.4	45.0	7.6	11.3	193.0	38.1	7.5	8.4	19.8	25.0	6.5	4.6	10.5	13.4	7.7	704.1	

†Less than 0.05.

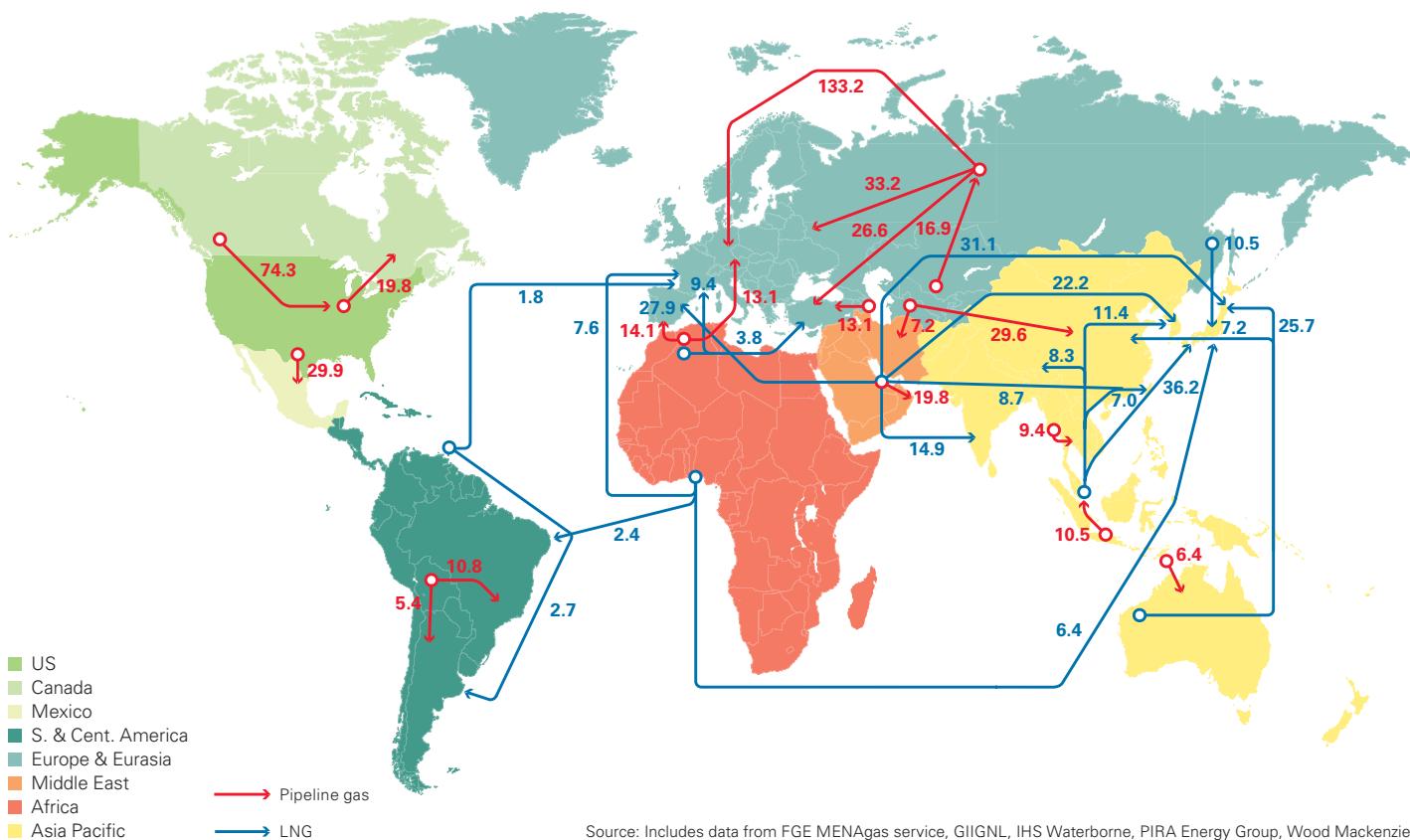
Source: Includes data from FGE MENAgas service, IHS.

Natural gas: Trade movements 2015 as liquefied natural gas

Billion cubic metres		From																						
To	US*	Trinidad & Tobago	Peru	Norway	Other Europe*	Russian Federation	Oran	Qatar	United Arab Emirates	Yemen	Algeria	Angola	Egypt	Equatorial Guinea	Nigeria	Australia	Brunei	Indonesia	Malaysia	Papua New Guinea	Other Asia Pacific*	Total imports		
US	-	2.0	-	0.3	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.6		
Canada	†	0.5	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6		
Mexico	†	0.4	3.5	0.1	0.1	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1		
North America	†	3.0	3.5	0.4	0.2	-	-	0.7	-	0.2	-	-	-	-	-	2.0	-	-	0.3	-	-	10.3		
Argentina	-	2.7	-	0.8	0.6	-	-	0.5	-	-	-	-	-	-	-	0.2	1.2	-	-	-	-	-	5.8	
Brazil	0.2	1.2	-	0.9	0.5	-	-	1.5	0.1	-	-	-	-	-	-	0.3	2.4	-	-	-	-	-	7.1	
Chile	-	3.8	-	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	4.2	
Other S. & Cent. America	-	2.5	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	2.8
S. & Cent. America	0.2	10.2	-	1.8	1.2	-	-	2.0	0.1	-	-	-	-	-	-	0.6	3.8	-	-	-	-	-	20.0	
Belgium	-	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	
France	-	-	0.3	0.5	†	-	-	0.4	-	-	4.3	-	-	-	-	-	1.0	-	-	-	-	-	6.6	
Italy	-	-	-	0.5	-	-	-	5.8	-	-	†	-	-	-	-	-	-	-	-	-	-	-	6.0	
Spain	-	1.1	0.9	0.7	-	-	0.1	-	2.9	-	-	3.7	-	-	-	-	3.6	-	-	-	-	-	-	13.1
Turkey	0.1	0.2	-	0.2	0.1	-	-	1.7	-	-	3.8	-	-	-	-	1.5	-	-	-	-	-	-	7.5	
United Kingdom	-	0.4	-	0.1	-	-	-	11.9	-	-	0.4	-	-	-	-	†	-	-	-	-	-	-	12.8	
Other Europe & Eurasia	-	0.1	-	1.7	†	-	-	1.2	-	-	0.9</td													

Major trade movements 2015

Trade flows worldwide (billion cubic metres)



Gas trade in 2014 and 2015 in billion cubic metres

Billion cubic metres	2014				2015			
	Pipeline imports	LNG imports	Pipeline exports	LNG exports	Pipeline imports	LNG imports	Pipeline exports	LNG exports
US	74.6	1.7	42.4	0.5	74.4	2.6	49.7	0.8
Canada	21.8	0.5	74.6	—	19.8	0.6	74.3	—
Mexico	20.6	9.4	†	—	29.9	7.1	†	—
Trinidad and Tobago	—	—	—	18.4	—	—	—	17.0
Other S. & Cent. America	18.7	20.9	18.7	5.8	18.5	20.0	18.5	5.0
France	28.6	7.2	1.9	0.5	35.9	6.6	1.6	0.4
Germany	88.4	—	20.0	—	104.0	—	29.0	—
Italy	46.6	4.6	0.2	—	50.2	6.0	0.2	—
Netherlands	23.2	1.1	46.1	0.6	30.2	2.0	40.6	1.2
Norway	†	—	102.4	5.3	†	—	109.5	6.0
Spain	17.0	15.5	†	5.1	15.2	13.1	0.5	1.6
Turkey	41.1	7.3	0.6	—	39.7	7.5	0.6	—
United Kingdom	29.4	10.7	10.0	—	29.0	12.8	13.4	0.3
Other Europe	102.4	5.4	8.9	2.1	97.2	7.1	13.1	1.4
Russian Federation	24.2	—	187.7	14.3	16.9	—	193.0	14.5
Ukraine	17.5	—	—	—	16.2	—	—	—
Other CIS	30.3	—	69.0	—	29.8	—	64.5	—
Qatar	—	—	20.5	102.9	—	—	19.8	106.4
Other Middle East	27.4	5.4	9.6	27.1	27.3	10.5	8.4	19.8
Algeria	—	—	25.4	17.5	—	—	25.0	16.2
Other Africa	8.8	—	10.9	31.9	8.9	3.8	11.1	32.5
China	31.3	26.5	—	—	33.6	26.2	—	—
Japan	—	122.9	—	—	—	118.0	—	—
Indonesia	—	—	9.7	21.8	—	—	10.5	21.9
South Korea	—	48.6	—	0.2	—	—	—	0.3
Other Asia Pacific	25.4	44.6	18.7	78.4	27.6	50.7	21.0	93.0
Total World	677.1	332.3	677.1	332.3	704.1	338.3	704.1	338.3

†Less than 0.05.

Source: Includes data from FGE MENAgas service, GIIGNL, IHS Waterborne, PIRA Energy Group, Wood Mackenzie.