

Table I1. World natural gas production by region, Reference case

trillion cubic feet

Region	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
OECD								
OECD Americas	41.0	43.4	45.8	47.6	49.7	52.0	53.7	0.9
United States	33.9	36.3	37.9	38.6	39.9	41.5	43.0	0.8
Canada	6.2	6.1	6.7	7.5	8.1	8.6	8.9	1.2
Mexico and other OECD Americas	0.9	1.0	1.2	1.5	1.7	1.9	1.8	2.4
OECD Europe	8.6	8.4	7.1	6.1	5.3	5.0	5.0	-1.8
OECD Asia	5.6	6.1	6.3	6.9	7.2	7.1	7.2	0.8
Japan	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
South Korea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Australia and New Zealand	5.5	6.0	6.2	6.8	7.1	7.1	7.1	0.8
Total OECD	55.3	57.8	59.2	60.7	62.2	64.1	65.9	0.6
Non-OECD								
Non-OECD Europe and Eurasia	31.5	35.6	37.4	39.4	41.9	44.4	46.2	1.3
Russia	24.2	27.5	29.3	30.5	32.2	34.0	35.5	1.3
Other Europe and Eurasia	7.3	8.2	8.2	8.9	9.8	10.4	10.6	1.3
Non-OECD Asia	18.7	20.4	22.2	22.4	22.3	23.5	26.2	1.1
China	6.6	7.4	8.5	8.6	8.3	8.9	10.2	1.5
India	1.0	1.1	1.6	1.9	2.2	2.9	4.0	4.7
Other Asia	11.1	11.9	12.2	11.9	11.8	11.6	12.0	0.3
Middle East	23.0	24.4	26.5	26.6	27.9	28.4	28.8	0.8
Africa	7.2	8.1	8.8	9.8	11.0	11.4	12.1	1.7
Non-OECD Americas	6.1	6.2	6.0	6.0	6.1	6.2	6.7	0.3
Brazil	1.0	1.1	1.0	0.9	0.8	0.8	0.9	-0.3
Other Non-OECD Americas	5.0	5.0	5.0	5.1	5.2	5.4	5.8	0.4
Total Non-OECD	86.4	94.6	101.0	104.2	109.3	114.0	120.0	1.1
Total World	141.7	152.4	160.2	164.9	171.4	178.1	186.0	0.9

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

* Totals may not equal sum of components due to independent rounding.

* Natural gas production numbers exclude non-hydrocarbon gases.

Table I2. World net trade in natural gas by region, Reference case

trillion cubic feet

Region	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
OECD								
OECD Americas	-2.1	-3.6	-5.1	-5.7	-5.8	-6.0	-6.1	--
United States	-2.7	-5.3	-6.7	-7.0	-7.1	-7.2	-7.4	--
Canada	-2.0	-1.5	-1.8	-2.1	-2.2	-2.3	-2.2	--
Mexico and other OECD Americas	2.5	3.2	3.3	3.5	3.5	3.5	3.5	1.2
OECD Europe	10.3	11.6	13.1	14.1	14.9	15.6	16.3	1.5
OECD Asia	2.2	1.6	1.4	0.4	-0.2	-0.5	-0.5	0.0
Japan	3.7	3.5	3.4	3.1	2.9	2.7	2.7	-1.1
South Korea	2.2	2.2	2.2	2.2	2.1	1.9	2.0	-0.3
Australia and New Zealand	-3.7	-4.0	-4.3	-4.9	-5.1	-5.1	-5.1	--
Total OECD	10.4	9.6	9.4	8.8	9.0	9.1	9.7	-0.2
Non-OECD								
Non-OECD Europe and Eurasia	-7.1	-10.4	-11.1	-12.4	-14.3	-16.0	-17.0	--
Russia	-6.6	-9.5	-10.3	-11.0	-12.1	-13.3	-14.4	--
Other Europe and Eurasia	-0.5	-1.0	-0.8	-1.4	-2.2	-2.7	-2.6	--
Non-OECD Asia	4.3	7.3	9.2	11.4	14.3	15.9	16.3	4.5
China	4.4	6.7	7.7	8.7	10.3	11.0	10.8	3.0
India	0.9	1.6	1.9	2.4	2.9	3.1	2.9	3.9
Other Asia	-1.0	-0.9	-0.4	0.3	1.1	1.8	2.5	--
Middle East	-4.7	-3.6	-4.8	-4.9	-5.4	-5.4	-5.5	--
Africa	-1.9	-2.2	-2.3	-2.6	-3.4	-3.6	-3.4	--
Non-OECD Americas	-0.6	-0.5	-0.3	-0.1	0.0	0.1	0.1	--
Brazil	0.2	0.5	0.6	0.7	0.6	0.6	0.6	3.0
Other Non-OECD Americas	-0.9	-1.0	-0.9	-0.7	-0.6	-0.5	-0.5	--
Total Non-OECD	-9.9	-9.4	-9.2	-8.6	-8.8	-9.0	-9.5	--
Discrepancy	0.5	0.1	0.2	0.2	0.2	0.2	0.2	-2.8

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829; and EIA, *Annual Energy Outlook 2021*, (February 2021), www.eia.gov/aeo

Notes:

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