

## Production, trade and supply of natural gas

Terajoules

### Table Notes

**Production** includes quantities from other sources, which would include any quantities of biogas, LPG or manufactured gas blended with natural gas.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification, and xvi to xvii for the descriptions of relevant flows.

Figure 71: Production of natural gas by region, 1990-2021

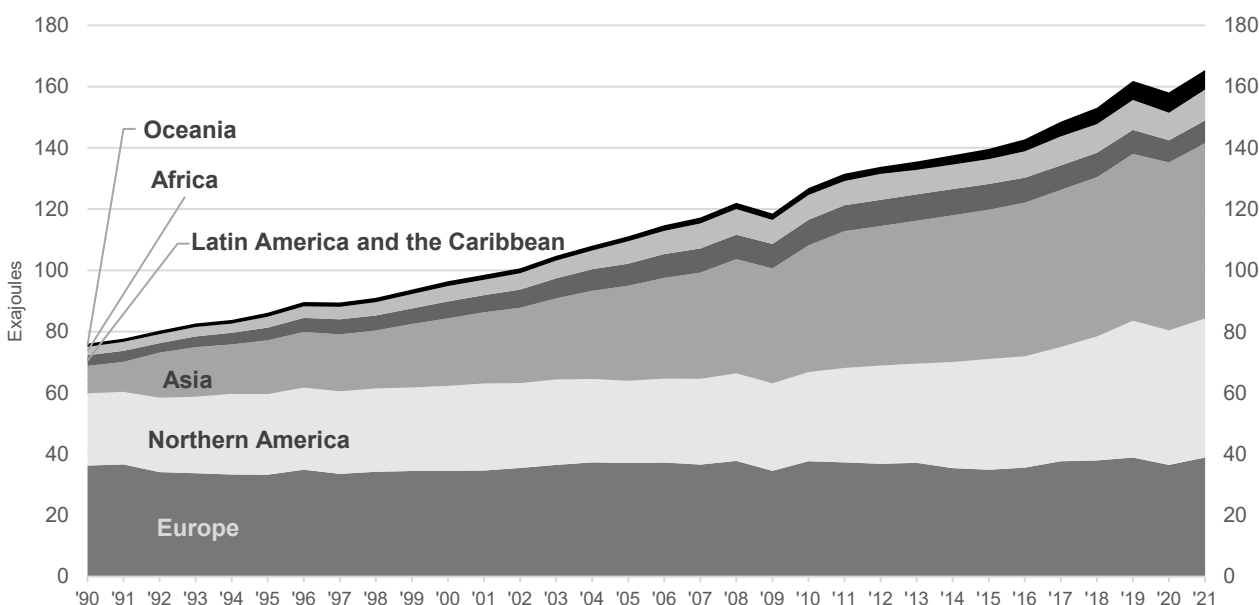


Figure 72: Major natural gas producing countries, 2021

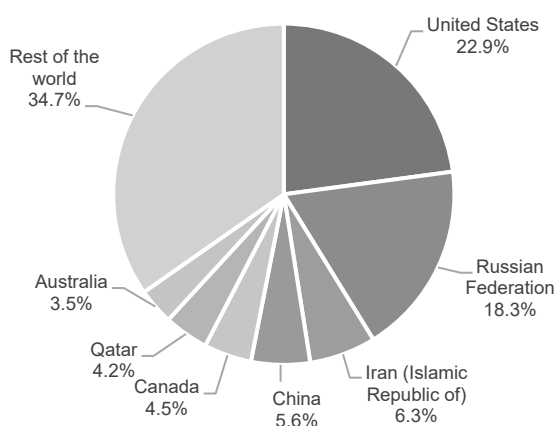


Figure 73: Major natural gas consuming countries, 2021

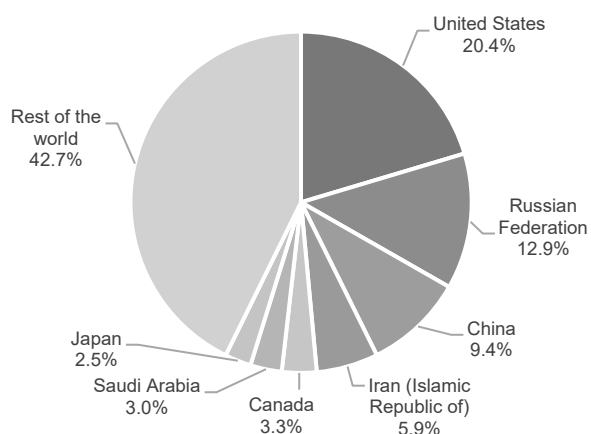


Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
World	2018	153,090,324	45,104,681	44,957,158	5,671	-517,044	153,749,220	20,010
	2019	161,860,437	46,870,475	48,427,977	11,312	1,737,263	158,554,360	20,419
	2020	158,099,280	45,389,409	47,058,729	14,778	-525,314	156,940,496	20,016
	2021	165,425,444	48,098,258	49,503,091	17,896	-1,246,860	165,249,576	20,893
Africa	2018	9,382,707	594,774	3,842,642	..	2,068	6,132,770	4,739
	2019	9,772,784	376,097	3,711,287	..	1,366	6,436,228	4,852
	2020	8,986,817	453,838	3,425,389	..	-7,297	6,022,563	4,430
	2021	10,065,130	544,224	4,046,015	..	2,302	6,561,037	4,712
Algeria	2018	3,815,473	..	2,006,499	..	2,068	1,806,906	43,096
	2019	3,540,610	..	1,669,162	..	1,366	1,870,082	43,790
	2020	3,301,528	..	1,539,769	..	-7,297	1,769,056	40,713
	2021	4,105,517	..	2,146,467	..	2,302	1,956,747	44,292
Angola	2018	235,220	..	202,540	..	..	32,680	1,045
	2019	258,400	..	209,000	..	..	49,400	1,527
	2020	*286,900	..	*236,360	..	..	*50,540	*1,512
	2021	*231,040	..	180,880	..	..	*50,160	*1,454
Benin	2018	..	727	..	..	..	727	61
	2019	..	2,194	..	..	..	2,194	178
	2020	..	6,457	..	..	..	6,457	511
	2021	..	7,167	..	..	..	7,167	551
Cameroon	2018	60,800	..	31,160	..	..	29,640	1,182
	2019	89,680	..	62,700	..	..	26,980	1,046
	2020	90,440	..	55,860	..	..	34,580	1,305
	2021	88,540	..	60,040	..	..	28,500	1,048
Congo	2018	27,316	..	..	..	..	27,316	5,020
	2019	38,328	..	..	..	..	38,328	6,880
	2020	40,024	..	..	..	..	40,024	7,019
	2021	41,358	..	..	..	..	41,358	7,087
Côte d'Ivoire	2018	81,164	..	..	..	..	81,164	3,184
	2019	86,558	..	..	..	..	86,558	3,310
	2020	88,770	..	..	..	..	88,770	3,311
	2021	92,597	..	..	..	..	92,597	3,370
Egypt	2018	1,909,150	218,726	40,195	..	..	2,087,681	20,124
	2019	2,643,004	..	193,035	..	..	2,449,969	23,196
	2020	2,370,530	81,700	81,359	..	..	2,370,871	22,062
	2021	2,701,721	156,180	358,822	..	..	2,499,078	22,872
Equatorial Guinea	2018	302,441	..	193,701	..	..	108,740	72,392
	2019	243,285	..	164,363	..	..	78,922	50,818
	2020	235,023	..	141,422	..	..	93,602	58,646
	2021	274,981	..	160,482	..	..	114,499	70,053
Gabon	2018	19,981	..	..	..	..	19,981	9,115
	2019	17,493	..	..	..	..	17,493	7,800
	2020	18,925	..	..	..	..	18,925	8,255
	2021	17,116	..	..	..	..	17,116	7,311
Ghana	2018	41,224	27,470	..	..	..	68,693	2,225
	2019	58,367	25,073	..	..	..	83,440	2,647
	2020	100,406	25,786	..	..	..	126,192	3,921
	2021	113,776	19,739	..	..	..	133,515	4,066
Libya	2018	757,749	..	171,000	..	..	586,749	90,579
	2019	642,470	..	216,600	..	..	425,870	64,829
	2020	302,054	..	171,000	..	..	131,054	19,696
	2021	388,098	..	122,740	..	..	265,358	39,398

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Morocco	2018	3,069	39,927	..	..	..	42,996	1,179
	2019	3,491	37,215	..	..	..	40,705	1,105
	2020	3,473	28,194	..	..	..	31,666	850
	2021	3,886	27,745	..	..	..	31,631	840
Mozambique	2018	191,890	..	159,007	..	..	32,883	1,118
	2019	190,410	..	155,227	..	..	35,183	1,162
	2020	185,337	..	151,580	..	..	33,757	1,083
	2021	187,558	..	150,944	..	..	36,614	1,141
Niger	2018	..	..	..	..	..	..	..
	2019	1,482	..	..	..	..	1,482	63
	2020	1,586	..	..	..	..	1,586	65
	2021	*1,487	..	..	..	..	*1,487	*59
Nigeria	2018	1,736,600	..	1,038,540	..	..	698,060	3,519
	2019	1,754,840	..	1,041,200	..	..	713,640	3,510
	2020	1,765,480	..	1,048,040	..	..	717,440	3,444
	2021	1,640,395	..	865,640	..	..	774,755	3,631
Rwanda	2018	*1,900	..	..	..	..	*1,900	*152
	2019	*1,870	..	..	..	..	*1,870	*146
	2020	*1,800	..	..	..	..	*1,800	*137
	2021	*1,850	..	..	..	..	*1,850	*137
Senegal	2018	461	..	..	..	..	461	30
	2019	559	..	..	..	..	559	35
	2020	553	..	..	..	..	553	34
	2021	283	..	..	..	..	283	17
South Africa	2018	39,122	146,278	..	..	..	185,400	3,233
	2019	44,827	140,242	..	..	..	185,069	3,186
	2020	42,790	153,262	..	..	..	196,052	3,334
	2021	1,459	168,981	..	..	..	170,440	2,870
Togo	2018	..	1,141	..	..	..	1,141	142
	2019	..	2,510	..	..	..	2,510	304
	2020	..	2,855	..	..	..	2,855	338
	2021	..	5,009	..	..	..	5,009	579
Tunisia	2018	95,274	160,505	..	..	..	255,779	21,435
	2019	88,184	168,864	..	..	..	257,048	21,333
	2020	89,547	155,584	..	..	..	245,131	20,156
	2021	103,353	159,403	..	..	..	262,756	21,427
United Rep. of Tanzania	2018	63,872	..	..	..	..	63,872	1,100
	2019	68,925	..	..	..	..	68,925	1,151
	2020	61,650	..	..	..	..	61,650	999
	2021	70,117	..	..	..	..	70,117	1,103
<b>Asia</b>	<b>2018</b>	<b>51,964,593</b>	<b>19,697,906</b>	<b>14,057,550</b>	..	<b>261,360</b>	<b>57,343,590</b>	<b>12,493</b>
	<b>2019</b>	<b>54,474,828</b>	<b>20,247,845</b>	<b>14,382,816</b>	..	<b>-45,562</b>	<b>60,385,418</b>	<b>13,045</b>
	<b>2020</b>	<b>54,797,670</b>	<b>20,991,243</b>	<b>13,881,528</b>	..	<b>-124,330</b>	<b>62,031,715</b>	<b>13,299</b>
	<b>2021</b>	<b>57,314,594</b>	<b>21,833,126</b>	<b>13,866,616</b>	..	<b>-88,976</b>	<b>65,370,080</b>	<b>13,925</b>
Afghanistan	2018	5,978	..	..	..	..	5,978	163
	2019	5,022	..	..	..	..	5,022	133
	2020	3,129	..	..	..	..	3,129	80
	2021	*3,185	..	..	..	..	*3,185	*79
Armenia	2018	..	94,283	..	..	-796	95,079	33,519
	2019	..	98,638	..	..	-721	99,359	35,226
	2020	..	99,896	..	..	289	99,607	35,503
	2021	..	108,534	..	..	-319	108,852	39,002

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Azerbaijan	2018	750,229	70,238	387,155	..	680	432,633	42,613
	2019	957,529	0	462,197	..	4,949	490,383	47,923
	2020	1,034,594	..	540,587	..	-664	494,672	48,097
	2021	1,272,508	..	745,202	..	14,609	512,698	49,714
Bahrain	2018	577,458	..	..	..	1	577,457	388,248
	2019	676,469	..	..	..	..	676,469	452,733
	2020	673,471	..	..	..	..	673,471	455,827
	2021	659,964	..	..	..	..	659,964	451,021
Bangladesh	2018	1,070,345	..	..	..	..	1,070,345	6,539
	2019	1,077,787	130,002	..	..	..	1,207,789	7,297
	2020	989,091	227,491	..	..	..	1,216,582	7,267
	2021	1,000,858	242,025	..	..	..	1,242,882	7,339
Brunei Darussalam	2018	452,350	..	307,980	..	1,567	142,803	328,831
	2019	426,639	..	304,995	..	247	121,396	277,129
	2020	414,523	..	306,167	..	4	108,352	245,294
	2021	378,317	..	269,915	..	0	108,403	243,397
China	2018	6,965,249	4,862,017	131,111	..	..	11,696,155	8,254
	2019	7,753,473	5,197,597	140,866	..	..	12,810,204	9,009
	2020	8,501,974	5,451,039	201,582	..	..	13,751,430	9,651
	2021	9,243,057	6,530,223	215,514	..	..	15,557,766	10,911
China, Hong Kong SAR	2018	..	123,197	..	..	..	123,197	16,467
	2019	..	127,799	..	..	..	127,799	17,049
	2020	..	191,705	..	..	..	191,705	25,557
	2021	..	191,557	..	..	..	191,557	25,559
China, Macao SAR	2018	..	3,634	..	..	..	3,634	5,582
	2019	..	5,218	..	..	..	5,218	7,863
	2020	..	2,824	..	..	..	2,824	4,176
	2021	..	3,329	..	..	..	3,329	4,848
Georgia	2018	403	94,744	..	..	..	95,147	25,222
	2019	385	107,419	..	..	..	107,804	28,589
	2020	356	107,834	..	..	..	108,190	28,729
	2021	641	111,505	..	..	..	112,145	29,842
India	2018	1,282,737	1,121,464	..	..	..	2,404,201	1,756
	2019	*1,179,996	*1,401,333	..	..	..	*2,581,329	*1,866
	2020	*1,083,578	*1,363,015	..	..	..	*2,446,593	*1,752
	2021	*1,292,122	*1,269,958	..	..	..	*2,562,080	*1,820
Indonesia	2018	2,541,308	..	830,711	..	..	1,710,597	6,405
	2019	2,374,248	..	587,224	..	..	1,787,024	6,629
	2020	2,462,373	..	811,361	..	..	1,651,012	6,073
	2021	2,453,147	..	750,448	..	..	1,702,699	6,220
Iran (Islamic Rep. of)	2018	8,409,186	83,273	547,354	..	..	7,945,104	92,798
	2019	9,399,279	15,658	687,793	..	..	8,727,143	100,817
	2020	10,114,852	12,200	667,745	..	..	9,459,306	108,366
	2021	10,418,297	10,079	751,370	..	..	9,677,005	110,062
Iraq	2018	422,940	161,880	..	..	..	584,820	14,408
	2019	438,520	232,180	..	..	..	670,700	16,137
	2020	280,060	433,580	..	..	..	713,640	16,769
	2021	364,420	370,120	..	..	..	734,540	16,873
Israel	2018	335,461	27,969	4,168	..	..	359,262	42,484
	2019	336,263	28,994	7,057	..	..	358,200	41,613
	2020	586,782	25,463	161,517	..	..	450,727	51,468
	2021	733,097	7,601	271,349	..	..	469,349	52,736

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Japan	2018	182,015	4,406,588	..	..	55,468	4,533,134	35,904
	2019	175,023	4,185,466	..	..	3,129	4,357,360	34,639
	2020	167,889	4,178,883	..	..	-17,993	4,364,766	34,850
	2021	177,329	3,910,636	..	..	-34,568	4,122,533	33,083
Jordan	2018	3,624	167,881	11,589	..	..	159,916	15,289
	2019	3,464	167,883	11,589	..	..	159,759	14,933
	2020	5,820	155,393	11,589	..	..	149,624	13,691
	2021	5,808	129,076	11,584	..	..	123,300	11,060
Kazakhstan	2018	1,567,135	387,839	1,071,740	..	17,083	866,151	46,723
	2019	1,339,839	647,078	1,050,070	..	755	936,092	49,914
	2020	1,224,568	510,912	813,220	..	-16,204	938,465	49,447
	2021	1,067,817	93,175	393,469	..	-21,759	789,281	41,116
Korea, Republic of	2018	20,338	2,309,420	..	..	110,789	2,218,968	42,939
	2019	14,008	2,241,985	..	..	-21,454	2,277,446	43,963
	2020	12,393	2,235,706	..	..	-58,504	2,306,604	44,491
	2021	12,960	2,546,399	..	..	18,134	2,541,226	49,030
Kuwait	2018	680,200	189,240	..	..	..	869,440	201,390
	2019	742,900	197,600	..	..	..	940,500	211,772
	2020	817,000	233,700	..	..	..	1,050,700	240,962
	2021	807,120	292,600	..	..	..	1,099,720	258,751
Kyrgyzstan	2018	985	12,016	..	..	..	13,001	2,089
	2019	880	11,714	..	..	..	12,594	1,992
	2020	807	12,404	..	..	..	13,211	2,056
	2021	801	14,767	..	..	..	15,568	2,385
Malaysia	2018	2,565,169	291,035	1,143,335	..	..	1,712,869	52,868
	2019	2,858,440	338,626	1,372,332	..	..	1,824,734	55,625
	2020	2,580,523	393,450	1,271,606	..	..	1,702,367	51,276
	2021	2,815,809	374,253	1,206,078	..	..	1,983,985	59,093
Myanmar	2018	645,644	..	480,667	..	..	164,977	3,133
	2019	738,693	..	576,441	..	..	162,252	3,059
	2020	661,296	..	484,477	..	..	176,819	3,310
	2021	729,693	..	545,801	..	..	183,892	3,418
Oman	2018	1,523,605	66,240	547,104	..	..	1,042,741	226,626
	2019	1,541,267	82,800	560,031	..	..	1,064,036	231,173
	2020	1,511,302	66,240	534,177	..	..	1,043,365	229,644
	2021	1,651,861	62,100	557,112	..	..	1,156,849	255,913
Other Asia	2018	8,170	1,043,480	..	..	14,257	1,037,393	43,724
	2019	6,915	1,026,855	..	..	11,890	1,021,880	42,976
	2020	4,356	1,101,620	..	..	2,312	1,103,664	46,331
	2021	4,557	1,208,352	..	..	12,166	1,200,744	50,325
Pakistan	2018	1,250,705	376,544	..	..	..	1,627,249	7,406
	2019	1,231,511	380,214	..	..	..	1,611,725	7,218
	2020	991,762	442,516	..	..	..	1,434,278	6,313
	2021	1,151,083	279,223	..	..	..	1,430,306	6,181
Philippines	2018	170,850	..	..	..	..	170,850	1,574
	2019	172,032	..	..	..	..	172,032	1,559
	2020	156,009	..	..	..	..	156,009	1,391
	2021	133,795	..	..	..	..	133,795	1,175
Qatar	2018	6,855,840	..	5,084,334	..	..	1,771,506	640,288
	2019	6,939,054	..	5,161,752	..	..	1,777,302	633,115
	2020	6,903,036	..	5,138,154	..	..	1,764,882	639,361
	2021	6,965,136	..	5,126,148	..	..	1,838,988	684,088

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Saudi Arabia	2018	4,696,724	..	..	..	..	4,696,724	134,123
	2019	4,741,052	..	..	..	..	4,741,052	132,330
	2020	4,776,170	..	..	..	..	4,776,170	132,682
	2021	4,916,646	..	..	..	..	4,916,646	136,762
Singapore	2018	..	416,980	..	..	-1,438	418,418	71,961
	2019	..	424,860	..	..	218	424,642	72,385
	2020	..	427,414	..	..	-1,837	429,251	72,633
	2021	..	444,830	..	..	6,716	438,114	73,743
Syrian Arab Republic	2018	138,736	..	..	..	..	138,736	7,176
	2019	133,081	..	..	..	..	133,081	6,622
	2020	116,870	..	..	..	..	116,870	5,626
	2021	124,410	..	..	..	..	124,410	5,834
Tajikistan	2018	24	2,184	..	..	..	2,208	242
	2019	28	5,600	..	..	..	5,628	603
	2020	28	*9,000	..	..	..	*9,028	*946
	2021	28	9,410	..	..	..	9,438	968
Thailand	2018	1,063,777	588,243	..	..	..	1,652,020	23,226
	2019	1,122,001	582,542	..	..	..	1,704,544	23,904
	2020	1,193,772	581,639	..	..	..	1,775,411	24,839
	2021	1,156,524	613,269	..	..	..	1,769,793	24,717
Timor-Leste	2018	209,443	..	209,443	..	..	0	0
	2019	183,311	..	183,311	..	..	0	0
	2020	188,725	..	188,725	..	..	0	0
	2021	198,488	..	198,488	..	..	0	0
Türkiye	2018	16,343	1,925,967	25,789	..	8,384	1,908,137	23,043
	2019	18,129	1,731,656	29,216	..	-2,750	1,723,319	20,643
	2020	16,902	1,843,399	22,121	..	-9,325	1,847,506	21,959
	2021	15,108	2,248,584	14,665	..	-35,923	2,284,950	26,953
Turkmenistan	2018	3,199,347	..	2,416,246	..	..	783,101	129,117
	2019	3,284,976	..	2,466,286	..	..	818,690	132,938
	2020	3,133,420	..	2,282,688	..	..	850,733	136,108
	2021	3,174,075	..	2,323,342	..	..	850,733	134,146
United Arab Emirates	2018	1,871,750	871,551	353,193	..	..	2,390,108	261,495
	2019	2,149,940	878,129	365,783	..	..	2,662,286	289,013
	2020	2,148,616	883,920	342,049	..	..	2,690,487	289,696
	2021	2,051,782	761,520	279,955	..	..	2,533,347	270,508
Uzbekistan	2018	2,099,327	0	505,630	..	55,365	1,538,332	47,407
	2019	2,064,317	..	415,873	..	-41,825	1,690,269	51,256
	2020	1,692,208	..	103,763	..	-22,407	1,610,852	48,047
	2021	2,032,682	..	206,176	..	-48,032	1,874,538	55,002
Viet Nam	2018	377,189	..	..	..	..	377,189	3,974
	2019	384,348	..	..	..	..	384,348	4,013
	2020	344,201	..	..	..	..	344,201	3,561
	2021	293,453	..	..	..	..	293,453	3,011
Yemen	2018	4,009	..	..	..	..	4,009	130
	2019	4,009	..	..	..	..	4,009	127
	2020	5,212	..	..	..	..	5,212	161
	2021	8,018	..	..	..	..	8,018	243
<b>Europe</b>	<b>2018</b>	<b>37,932,381</b>	<b>17,536,132</b>	<b>14,724,106</b>	<b>4,471</b>	<b>-433,274</b>	<b>41,173,211</b>	<b>55,072</b>
	<b>2019</b>	<b>38,894,166</b>	<b>19,194,988</b>	<b>16,270,425</b>	<b>9,716</b>	<b>1,304,742</b>	<b>40,504,271</b>	<b>54,115</b>
	<b>2020</b>	<b>36,483,907</b>	<b>17,319,987</b>	<b>15,096,663</b>	<b>11,738</b>	<b>-710,957</b>	<b>39,406,449</b>	<b>52,644</b>
	<b>2021</b>	<b>38,924,328</b>	<b>18,104,897</b>	<b>15,254,427</b>	<b>15,661</b>	<b>-865,065</b>	<b>42,624,202</b>	<b>57,021</b>

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Albania	2018	3,076	..	..	..	..	3,076	1,069
	2019	2,682	..	..	..	..	2,682	933
	2020	2,061	..	..	..	..	2,061	719
	2021	2,059	..	..	..	..	2,059	721
Andorra	2018	..	79	..	..	..	79	1,053
	2019	..	100	..	..	..	100	1,310
	2020	..	101	..	..	..	101	1,300
	2021	..	143	..	..	..	143	1,809
Austria	2018	39,964	301,956	..	..	-587	342,507	38,743
	2019	36,367	438,713	..	..	117,417	357,663	40,278
	2020	29,926	249,840	..	..	-61,205	340,971	38,278
	2021	26,989	183,498	..	..	-149,688	360,175	40,369
Belarus	2018	5,948	785,185	..	..	-3,553	794,686	81,964
	2019	5,952	753,709	..	..	221	759,440	78,503
	2020	5,865	696,631	..	..	816	701,680	72,836
	2021	6,125	711,035	..	..	..	717,160	74,874
Belgium	2018	2	755,523	53,180	402	3,850	698,093	60,976
	2019	149	894,124	174,114	423	12,850	706,887	61,412
	2020	266	832,259	134,703	131	-5,899	703,590	60,855
	2021	497	823,299	117,538	271	-565	706,552	60,850
Bosnia and Herzegovina	2018	..	9,261	..	..	1	9,260	2,723
	2019	..	8,745	..	..	..	8,745	2,602
	2020	..	7,977	..	..	..	7,977	2,404
	2021	..	9,615	..	..	2	9,613	2,939
Bulgaria	2018	1,328	120,455	482	..	-217	121,517	17,073
	2019	1,506	114,341	296	..	1,958	113,593	16,107
	2020	2,224	113,217	401	..	-1,965	117,005	16,765
	2021	1,228	127,190	..	..	-3,743	132,161	19,193
Croatia	2018	47,345	61,167	4,361	..	-2,483	106,633	25,630
	2019	39,601	77,109	2,783	..	2,001	111,926	27,102
	2020	32,800	82,818	2,028	..	-3,883	117,472	28,674
	2021	29,007	89,079	4,908	..	171	113,007	27,833
Czechia	2018	8,355	307,194	..	..	-1,676	317,225	30,113
	2019	8,026	365,476	..	..	40,504	332,999	31,603
	2020	7,593	291,223	..	..	-39,695	338,512	32,144
	2021	7,807	334,153	..	..	-20,783	362,744	34,512
Denmark	2018	180,146	16,184	64,077	..	-7	132,261	22,935
	2019	139,274	46,506	54,936	..	2,510	128,335	22,142
	2020	71,434	103,034	66,268	..	-6,092	114,292	19,619
	2021	80,686	96,489	71,521	..	-6,148	111,801	19,097
Estonia	2018	..	19,241	..	..	..	19,241	14,553
	2019	..	18,642	..	947	..	17,695	13,334
	2020	..	17,202	..	1,006	..	16,196	12,183
	2021	..	19,454	..	1,107	..	18,347	13,808
Finland	2018	407	101,361	..	58	256	101,454	18,394
	2019	382	99,553	..	20	557	99,358	17,995
	2020	394	98,580	..	67	288	98,619	17,835
	2021	543	98,689	..	61	-371	99,542	17,981
France	2018	2,930	1,944,155	149,818	..	81,161	1,716,105	25,772
	2019	5,110	2,203,852	379,379	..	78,659	1,750,924	26,238
	2020	8,674	1,875,672	338,073	..	-84,990	1,631,263	24,406
	2021	16,548	1,878,358	223,335	..	-65,702	1,737,274	25,963

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Germany	2018	219,329	3,281,120	..	..	78,810	3,421,640	41,276
	2019	203,460	3,520,265	..	..	205,863	3,517,861	42,308
	2020	187,515	3,092,273	..	..	-190,602	3,470,390	41,647
	2021	217,078	3,256,079	..	..	-197,379	3,670,537	44,007
Gibraltar	2018	..	..	..	..	..	..	..
	2019	..	2,691	..	653	1,306	732	22,407
	2020	..	2,379	..	637	-403	2,145	65,583
	2021	..	3,083	..	696	57	2,331	71,340
Greece	2018	589	192,807	..	..	1,863	191,534	18,013
	2019	445	207,358	634	..	-1,672	208,840	19,750
	2020	311	232,185	1,320	..	1,902	229,274	21,810
	2021	189	252,594	622	..	-1,310	253,471	24,266
Hungary	2018	68,457	300,002	..	..	-16,643	385,102	39,391
	2019	62,010	453,637	..	..	121,663	393,984	40,318
	2020	61,645	308,326	..	..	-37,970	407,941	41,838
	2021	55,028	290,618	..	..	-86,979	432,625	44,556
Ireland	2018	127,802	80,961	..	..	..	208,763	43,182
	2019	99,718	112,418	..	..	..	212,136	43,328
	2020	76,828	135,059	..	..	..	211,887	42,839
	2021	58,773	144,856	..	..	..	203,629	40,836
Isle of Man	2018	..	4,642	..	..	..	4,642	55,410
	2019	..	5,454	..	..	..	5,454	64,980
	2020	..	5,285	..	..	..	5,285	62,886
	2021	..	3,630	..	..	..	3,630	43,079
Italy	2018	208,644	2,585,940	14,878	..	10,067	2,769,640	46,228
	2019	184,780	2,707,586	12,399	..	42,713	2,837,254	47,475
	2020	156,739	2,529,567	12,023	..	-40,991	2,715,274	45,608
	2021	127,669	2,781,130	58,807	..	-60,624	2,910,615	49,104
Latvia	2018	..	53,750	..	..	-634	54,384	28,096
	2019	..	51,343	..	..	17	51,327	26,781
	2020	..	42,387	..	..	42	42,345	22,322
	2021	..	44,843	..	..	-15	44,858	23,938
Liechtenstein	2018	..	986	..	..	..	986	25,811
	2019	..	998	..	..	..	998	25,939
	2020	..	962	..	..	..	962	24,827
	2021	..	1,073	..	..	..	1,073	27,490
Lithuania	2018	..	88,715	7,001	..	-892	82,606	28,721
	2019	..	106,877	20,175	..	-30	86,732	30,442
	2020	..	110,833	20,089	..	-982	91,726	32,524
	2021	..	93,171	5,168	..	719	87,284	31,322
Luxembourg	2018	241	31,803	..	..	..	32,044	52,711
	2019	153	31,822	..	..	..	31,976	51,576
	2020	233	28,901	..	..	..	29,135	46,216
	2021	198	31,159	..	..	..	31,357	49,048
Malta	2018	..	14,919	..	..	1,292	13,627	27,720
	2019	..	14,761	..	..	516	14,245	28,284
	2020	..	14,237	..	..	-568	14,805	28,727
	2021	..	15,362	..	..	517	14,845	28,183
Netherlands (Kingd. of the)	2018	1,304,311	1,041,945	828,106	606	82,756	1,434,788	83,003
	2019	1,115,827	1,198,118	805,904	2,766	7,861	1,497,414	86,240
	2020	811,777	1,216,575	555,662	5,287	-3,842	1,471,245	84,387
	2021	731,023	1,035,962	562,698	5,520	-212,738	1,411,504	80,650



Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
North Macedonia	2018	..	8,748	..	..	5	8,743	4,137
	2019	..	10,216	..	..	-3	10,220	4,834
	2020	..	11,697	..	..	-1	11,698	5,541
	2021	..	14,848	..	..	-4	14,852	7,061
Norway	2018	4,966,982	361	4,710,681	2,326	-2,021	256,357	48,257
	2019	4,692,661	1,057	4,462,085	2,446	-2,540	231,727	43,327
	2020	4,560,755	1,326	4,348,404	2,691	-352	211,337	39,283
	2021	4,689,683	6,295	4,454,252	2,689	5,753	233,284	43,177
Poland	2018	161,378	608,367	26,278	..	-6,627	750,093	19,472
	2019	159,408	672,988	51,161	..	26,313	754,922	19,612
	2020	158,002	673,201	53,833	..	-18,445	795,815	20,709
	2021	155,371	713,103	4,389	..	15,994	848,091	22,139
Portugal	2018	..	236,115	..	..	2,469	233,646	22,706
	2019	..	245,615	..	..	-171	245,786	23,886
	2020	..	239,448	..	..	-1,733	241,180	23,420
	2021	..	230,624	..	..	103	230,521	22,402
Republic of Moldova	2018	4	38,250	..	..	97	38,157	12,145
	2019	3	35,201	..	..	-52	35,256	11,338
	2020	0	35,764	..	..	-106	35,870	11,628
	2021	2	41,145	..	..	70	41,077	13,417
Romania	2018	394,323	56,210	1,143	..	-8,504	457,894	23,354
	2019	381,054	99,373	487	..	53,251	426,689	21,854
	2020	340,414	79,480	5,310	..	-31,413	445,997	22,940
	2021	341,973	132,122	27,683	..	-11,718	458,131	23,702
Russian Federation	2018	27,755,267	358,750	8,433,194	..	-706,326	20,387,149	139,971
	2019	29,376,729	348,390	9,934,021	..	344,146	19,446,951	133,434
	2020	27,603,132	343,522	9,128,691	..	-194,550	19,012,514	130,565
	2021	30,344,123	311,850	9,268,360	..	113,757	21,273,856	146,612
Serbia	2018	16,653	81,431	..	..	-1,091	99,175	13,341
	2019	16,247	83,812	..	..	7,333	92,726	12,529
	2020	15,133	73,709	..	..	-3,707	92,550	12,578
	2021	13,414	87,606	..	..	-10,373	111,393	15,266
Slovakia	2018	3,609	169,857	..	..	-16,199	189,665	34,822
	2019	4,795	259,722	..	..	74,428	190,089	34,854
	2020	2,544	167,459	..	..	-20,180	190,183	34,853
	2021	2,271	198,621	52,453	..	-63,276	211,715	38,864
Slovenia	2018	634	33,515	436	..	..	33,714	16,009
	2019	273	34,027	79	..	..	34,220	16,196
	2020	213	34,004	..	..	..	34,217	16,158
	2021	202	35,859	..	..	..	36,061	17,015
Spain	2018	3,850	1,409,177	131,408	84	21,391	1,260,144	26,931
	2019	5,767	1,506,011	45,514	1,657	26,925	1,437,682	30,504
	2020	2,320	1,314,814	47,433	992	-30,863	1,299,572	27,438
	2021	1,944	1,496,250	122,261	4,504	2,601	1,368,828	28,825
Sweden	2018	..	48,205	661	995	..	46,549	4,581
	2019	..	45,695	1,039	804	..	43,851	4,271
	2020	1,408	60,378	1,162	928	..	59,696	5,757
	2021	1,461	49,904	2,263	812	..	48,289	4,613
Switzerland	2018	1,300	132,791	..	..	..	134,091	15,749
	2019	1,443	136,238	..	..	..	137,681	16,055
	2020	1,476	132,590	..	..	..	134,066	15,519
	2021	1,481	144,167	..	..	..	145,649	16,758

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Ukraine	2018	766,963	393,516	..	..	-32,894	1,193,373	26,849
	2019	759,092	442,225	..	..	113,552	1,087,764	24,604
	2020	737,611	343,593	..	..	28,014	1,053,190	23,985
	2021	677,297	298,949	5,713	..	-109,249	1,079,782	24,805
United Kingdom	2018	1,642,544	1,861,490	298,401	..	83,062	3,122,571	47,003
	2019	1,591,252	1,840,221	325,420	..	26,647	3,079,406	46,114
	2020	1,604,614	1,721,478	381,263	..	38,418	2,906,411	43,341
	2021	1,333,657	2,018,992	272,455	..	-4,142	3,084,336	45,843
<b>Latin America &amp; Carib.</b>	<b>2018</b>	<b>7,979,304</b>	<b>3,073,669</b>	<b>1,452,316</b>	<b>1,201</b>	<b>-13,326</b>	<b>9,612,783</b>	<b>15,015</b>
	<b>2019</b>	<b>7,878,686</b>	<b>2,881,882</b>	<b>1,381,975</b>	<b>1,596</b>	<b>-9,640</b>	<b>9,386,638</b>	<b>14,536</b>
	<b>2020</b>	<b>7,289,813</b>	<b>2,770,721</b>	<b>1,262,419</b>	<b>3,040</b>	<b>-7,987</b>	<b>8,803,062</b>	<b>13,528</b>
	<b>2021</b>	<b>7,396,607</b>	<b>3,326,001</b>	<b>1,063,567</b>	<b>2,235</b>	<b>-23,776</b>	<b>9,680,583</b>	<b>14,780</b>
Argentina	2018	1,644,456	324,728	14,845	..	318	1,954,021	43,996
	2019	1,725,250	226,780	9,194	..	-716	1,943,553	43,436
	2020	1,577,341	240,423	6,111	..	760	1,810,893	40,210
	2021	1,583,066	345,519	36,617	..	0	1,891,968	41,787
Barbados	2018	1,002	..	..	..	..	1,002	3,583
	2019	892	..	..	..	..	892	3,183
	2020	386	223	..	..	..	609	2,169
	2021	285	260	..	..	..	544	1,936
Belize	2018	51	..	..	..	11	40	105
	2019	41	..	..	..	15	26	66
	2020	32	..	..	..	12	20	52
	2021	29	..	..	..	12	17	42
Bolivia (Plur. State of)	2018	724,259	..	547,362	..	..	176,897	15,241
	2019	631,583	..	466,515	..	..	165,069	14,016
	2020	608,826	..	474,460	..	..	134,366	11,257
	2021	626,657	..	473,833	..	..	152,824	12,652
Brazil	2018	940,384	410,360	..	..	..	1,350,744	6,427
	2019	962,178	379,714	..	..	..	1,341,892	6,336
	2020	860,787	372,221	..	..	..	1,233,008	5,783
	2021	1,010,761	690,032	..	..	-8,188	1,708,981	7,974
Chile	2018	48,866	160,701	6,270	..	377	202,920	10,850
	2019	59,692	187,447	..	..	2,155	244,984	12,867
	2020	45,717	176,962	..	..	-1,796	224,476	11,631
	2021	46,615	197,959	..	..	-1,051	245,626	12,601
Colombia	2018	477,797	506	..	..	..	478,303	9,706
	2019	486,362	6,072	..	..	..	492,434	9,812
	2020	473,372	13,531	..	..	..	486,903	9,560
	2021	440,611	1,734	..	..	..	442,345	8,586
Cuba	2018	37,854	..	..	..	..	37,854	3,342
	2019	37,113	..	..	..	..	37,113	3,279
	2020	34,916	..	..	..	..	34,916	3,090
	2021	33,695	..	..	..	..	33,695	2,993
Curaçao	2018	..	*2,100	..	..	..	*2,100	*11,368
	2019	..	0	..	..	..	0	0
	2020	..	..	..	..	..	..	..
	2021	..	..	..	..	..	..	..
Dominican Republic	2018	..	45,029	..	1,201	-581	44,409	4,125
	2019	..	52,335	..	1,596	523	50,217	4,615
	2020	..	53,237	..	3,040	559	49,638	4,513
	2021	..	75,655	..	*2,235	-9	73,430	6,605

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Ecuador	2018	27,591	..	..	..	..	27,591	1,622
	2019	24,637	..	..	..	..	24,637	1,421
	2020	20,929	..	..	..	..	20,929	1,190
	2021	22,075	..	..	..	..	22,075	1,240
El Salvador	2018	..	..	..	..	..	..	..
	2019	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..
	2021	..	88	..	..	..	88	14
Guyana	2018	..	2	..	..	..	2	2
	2019	..	13	..	..	-1	14	18
	2020	..	49	..	..	5	45	56
	2021	..	125	..	..	-16	141	175
Jamaica	2018	..	3,789	..	..	..	3,789	1,348
	2019	..	9,918	..	..	-1,516	11,434	4,063
	2020	..	28,299	..	..	167	28,132	9,974
	2021	..	29,121	..	..	107	29,014	10,261
Mexico	2018	1,314,583	2,046,929	484	..	-13,452	3,374,480	27,211
	2019	1,285,121	1,908,243	436	..	-10,100	3,203,028	25,607
	2020	1,465,063	1,810,399	379	..	-7,693	3,282,776	26,054
	2021	1,483,669	1,882,815	315	..	-14,633	3,380,802	26,682
Panama	2018	..	10,878	..	..	..	10,878	2,612
	2019	..	33,835	..	..	..	33,835	7,994
	2020	..	18,243	..	..	..	18,243	4,248
	2021	..	21,785	..	..	..	21,785	5,007
Peru	2018	514,329	..	210,406	..	..	303,923	9,437
	2019	542,941	..	224,255	..	..	318,686	9,709
	2020	487,281	..	219,514	..	..	267,767	8,040
	2021	541,875	..	192,051	..	..	349,824	10,376
Puerto Rico	2018	..	66,336	..	..	..	66,336	19,985
	2019	..	74,140	..	..	..	74,140	22,515
	2020	..	54,629	..	..	..	54,629	16,698
	2021	..	78,042	..	..	..	78,042	23,968
Suriname	2018	195	..	..	..	..	195	329
	2019	232	..	..	..	..	232	387
	2020	269	..	..	..	..	269	443
	2021	248	..	..	..	..	248	404
Trinidad and Tobago	2018	1,400,178	..	672,949	..	..	727,229	483,302
	2019	1,421,840	..	681,576	..	..	740,265	487,031
	2020	1,192,151	..	561,955	..	..	630,196	415,109
	2021	1,025,640	..	360,752	..	..	664,888	435,803
Uruguay	2018	..	2,311	..	..	..	2,311	674
	2019	..	3,384	..	..	..	3,384	987
	2020	..	2,505	..	..	..	2,505	730
	2021	..	2,866	..	..	..	2,866	836
Venezuela (Bolivar. Rep.)	2018	847,757	..	..	..	..	847,757	28,424
	2019	700,803	..	..	..	..	700,803	24,189
	2020	522,742	..	..	..	..	522,742	18,348
	2021	581,381	..	..	..	..	581,381	20,616
<b>Northern America</b>	<b>2018</b>	<b>40,504,944</b>	<b>4,015,685</b>	<b>7,071,566</b>	..	<b>-326,581</b>	<b>37,775,644</b>	<b>102,290</b>
	<b>2019</b>	<b>44,650,845</b>	<b>3,967,682</b>	<b>8,091,355</b>	..	<b>472,853</b>	<b>40,054,319</b>	<b>107,682</b>
	<b>2020</b>	<b>43,912,403</b>	<b>3,673,878</b>	<b>8,567,187</b>	..	<b>292,038</b>	<b>38,727,056</b>	<b>103,560</b>
	<b>2021</b>	<b>45,328,249</b>	<b>4,082,437</b>	<b>10,544,375</b>	..	<b>-253,929</b>	<b>39,120,240</b>	<b>104,243</b>

Table 28

## Production, trade and supply of natural gas

Terajoules and megajoules per capita

Country or area	Year	Production	Imports	Exports	Bunkers	Changes in stocks	Supply	
							Total	Per capita
Canada	2018	7,677,882	910,408	3,128,354	..	27,889	5,432,047	146,672
	2019	7,385,473	1,017,915	2,991,778	..	-58,473	5,470,083	145,781
	2020	7,208,996	928,662	2,786,185	..	128,285	5,223,188	137,856
	2021	7,491,900	950,868	3,125,074	..	-110,599	5,428,293	142,269
United States	2018	32,827,062	3,105,277	3,943,212	..	-354,470	32,343,597	97,379
	2019	37,265,372	2,949,767	5,099,577	..	531,326	34,584,236	103,447
	2020	36,703,407	2,745,216	5,781,002	..	163,753	33,503,868	99,731
	2021	37,836,349	3,131,569	7,419,301	..	-143,330	33,691,947	99,977
<b>Oceania</b>	<b>2018</b>	<b>5,326,395</b>	<b>186,515</b>	<b>3,808,979</b>	<b>..</b>	<b>-7,290</b>	<b>1,711,221</b>	<b>40,228</b>
	<b>2019</b>	<b>6,189,128</b>	<b>201,980</b>	<b>4,590,118</b>	<b>..</b>	<b>13,504</b>	<b>1,787,487</b>	<b>41,304</b>
	<b>2020</b>	<b>6,628,670</b>	<b>179,742</b>	<b>4,825,542</b>	<b>..</b>	<b>33,220</b>	<b>1,949,650</b>	<b>44,379</b>
	<b>2021</b>	<b>6,396,535</b>	<b>207,573</b>	<b>4,728,090</b>	<b>..</b>	<b>-17,416</b>	<b>1,893,434</b>	<b>42,559</b>
Australia	2018	4,707,645	186,515	3,379,971	..	-460	1,514,649	60,636
	2019	5,488,747	201,980	4,095,657	..	14,173	1,580,897	62,345
	2020	5,921,342	179,742	4,338,571	..	32,644	1,729,869	67,389
	2021	5,711,322	207,573	4,240,632	..	-21,511	1,699,774	65,575
New Zealand	2018	172,251	..	..	..	-6,830	179,081	37,011
	2019	185,498	..	..	..	-669	186,167	37,541
	2020	181,094	..	..	..	576	180,518	35,668
	2021	158,453	..	..	..	4,094	154,359	30,091
Papua New Guinea	2018	446,499	..	429,007	..	..	17,492	1,875
	2019	514,883	..	494,461	..	..	20,422	2,140
	2020	526,234	..	486,971	..	..	39,263	4,027
	2021	*526,760	..	*487,458	..	..	*39,302	*3,950