

## 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, 1990-2022

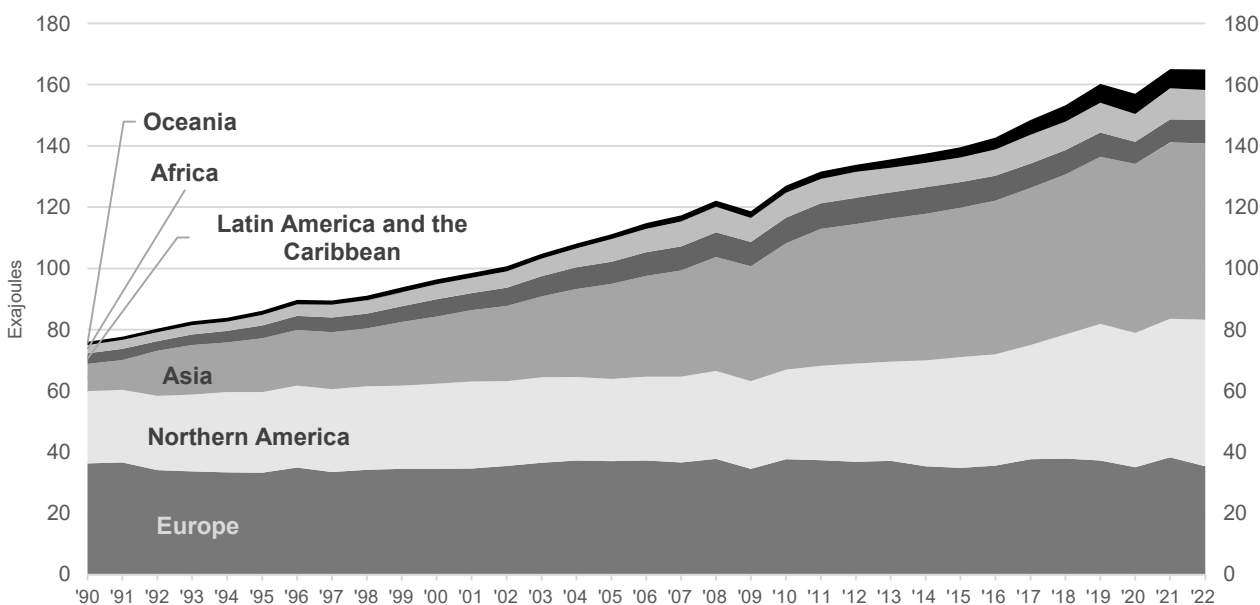


Figure 72: Major natural gas producing countries, 2022

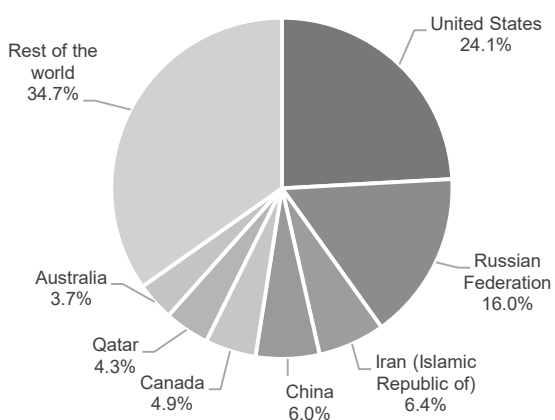


Figure 73: Major natural gas consuming countries, 2022

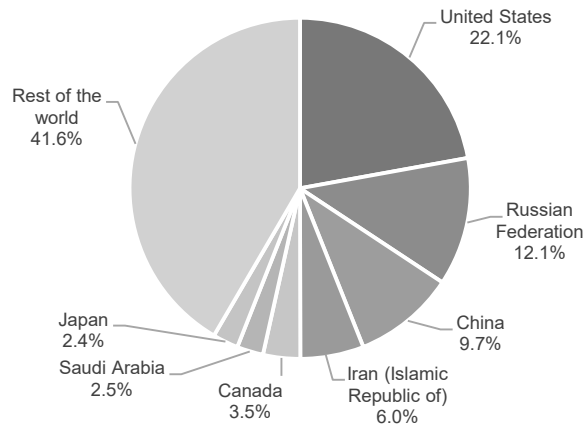


Table 28

## 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	2019	160,246,230	46,893,516	48,416,879	9,716	1,711,898	157,001,253	20,101
	2020	157,029,753	45,441,143	47,291,667	13,068	-731,979	155,898,139	19,768
	2021	165,125,329	48,240,703	49,104,119	16,860	-1,207,356	165,452,409	20,801
	2022	164,964,284	48,235,888	49,225,813	9,756	1,725,636	162,238,967	20,227
Africa	2019	9,722,679	391,082	3,711,287	..	1,366	6,401,108	4,754
	2020	9,025,291	452,156	3,425,389	..	-7,297	6,059,355	4,394
	2021	10,069,199	519,799	4,046,395	..	2,302	6,540,301	4,632
	2022	9,620,489	514,657	3,810,517	..	7,924	6,316,705	4,371
Algeria	2019	3,540,610	..	1,669,162	..	1,366	1,870,082	43,194
	2020	3,301,528	..	1,539,769	..	-7,297	1,769,056	40,167
	2021	4,105,517	..	2,146,467	..	2,302	1,956,747	43,715
	2022	4,012,833	..	1,944,059	..	7,924	2,060,850	45,316
Angola	2019	258,400	..	209,000	..	..	49,400	1,526
	2020	*286,900	..	*236,360	..	..	*50,540	*1,511
	2021	*231,040	..	180,880	..	..	*50,160	*1,453
	2022	205,786	..	166,611	..	..	39,175	1,099
Benin	2019	..	2,194	..	..	..	2,194	172
	2020	..	6,457	..	..	..	6,457	494
	2021	..	7,167	..	..	..	7,167	534
	2022	..	6,199	..	..	..	6,199	451
Cameroon	2019	89,680	..	62,700	..	..	26,980	1,058
	2020	90,440	..	55,860	..	..	34,580	1,319
	2021	88,540	..	60,420	..	..	28,120	1,045
	2022	91,200	..	66,500	..	..	24,700	894
Congo	2019	38,328	..	..	..	..	38,328	6,824
	2020	40,024	..	..	..	..	40,024	6,957
	2021	41,358	..	..	..	..	41,358	7,019
	2022	52,476	..	..	..	..	52,476	8,695
Côte d'Ivoire	2019	86,558	..	..	..	..	86,558	3,070
	2020	88,770	..	..	..	..	88,770	3,070
	2021	92,597	..	..	..	..	92,597	3,124
	2022	101,266	..	..	..	..	101,266	3,332
Egypt	2019	2,643,004	..	193,035	..	..	2,449,969	22,779
	2020	2,370,530	81,700	81,359	..	..	2,370,871	21,688
	2021	2,701,721	156,180	358,822	..	..	2,499,078	22,523
	2022	2,314,804	175,360	375,811	..	..	2,114,353	18,775
Equatorial Guinea	2019	243,285	..	164,363	..	..	78,922	47,254
	2020	235,023	..	141,422	..	..	93,602	54,532
	2021	274,981	..	160,482	..	..	114,499	65,101
	2022	316,265	..	191,644	..	..	124,621	69,098
Gabon	2019	17,493	..	..	..	..	17,493	7,714
	2020	18,925	..	..	..	..	18,925	8,149
	2021	17,116	..	..	..	..	17,116	7,201
	2022	23,719	..	..	..	..	23,719	9,758
Ghana	2019	58,367	25,073	..	..	..	83,440	2,669
	2020	100,406	25,786	..	..	..	126,192	3,957
	2021	113,776	19,739	..	..	..	133,515	4,106
	2022	124,361	21,012	..	..	..	145,374	4,385
Libya	2019	592,365	..	216,600	..	..	375,765	54,059
	2020	340,528	..	171,000	..	..	169,528	24,062
	2021	392,088	..	122,740	..	..	269,348	37,749
	2022	405,082	..	98,800	..	..	306,282	42,399

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	2019	3,491	37,215	..	..	..	40,705	1,124
	2020	3,473	28,194	..	..	..	31,666	866
	2021	3,886	27,745	..	..	..	31,631	856
	2022	2,724	6,184	..	..	..	8,908	239
Mozambique	2019	190,410	..	155,227	..	..	35,183	1,177
	2020	185,337	..	151,580	..	..	33,757	1,097
	2021	187,558	..	150,944	..	..	36,614	1,155
	2022	269,323	..	225,711	..	..	43,612	1,335
Niger	2019	1,482	..	..	..	..	1,482	65
	2020	1,586	..	..	..	..	1,586	67
	2021	2,365	..	..	..	..	2,365	97
	2022	*1,975	..	..	..	..	*1,975	*78
Nigeria	2019	1,754,840	..	1,041,200	..	..	713,640	3,407
	2020	1,765,480	..	1,048,040	..	..	717,440	3,353
	2021	1,640,395	..	865,640	..	..	774,755	3,545
	2022	1,512,553	..	741,380	..	..	771,173	3,456
Rwanda	2019	*1,870	..	..	..	..	*1,870	*146
	2020	*1,800	..	..	..	..	*1,800	*138
	2021	*1,850	..	..	..	..	*1,850	*139
	2022	*1,839	..	..	..	..	*1,839	*135
Senegal	2019	559	..	..	..	..	559	34
	2020	553	..	..	..	..	553	33
	2021	283	..	..	..	..	283	16
	2022	199	..	..	..	..	199	11
South Africa	2019	44,827	155,227	..	..	..	200,054	3,357
	2020	42,790	151,580	..	..	..	194,370	3,209
	2021	659	143,780	..	..	..	144,439	2,349
	2022	465	140,436	..	..	..	140,902	2,259
Togo	2019	..	2,510	..	..	..	2,510	297
	2020	..	2,855	..	..	..	2,855	329
	2021	..	5,786	..	..	..	5,786	652
	2022	..	6,719	..	..	..	6,719	739
Tunisia	2019	88,184	168,864	..	..	..	257,048	21,646
	2020	89,547	155,584	..	..	..	245,131	20,472
	2021	103,353	159,403	..	..	..	262,756	21,808
	2022	98,234	158,746	..	..	..	256,980	21,204
United Rep. of Tanzania	2019	68,925	..	..	..	..	68,925	1,165
	2020	61,650	..	..	..	..	61,650	1,011
	2021	70,117	..	..	..	..	70,117	1,116
	2022	85,383	..	..	..	..	85,383	1,319
<b>Asia</b>	<b>2019</b>	<b>54,580,334</b>	<b>20,275,990</b>	<b>14,365,132</b>	..	<b>-40,805</b>	<b>60,531,997</b>	<b>13,011</b>
	<b>2020</b>	<b>55,112,507</b>	<b>21,033,038</b>	<b>14,111,969</b>	<b>1,329</b>	<b>-130,501</b>	<b>62,162,749</b>	<b>13,260</b>
	<b>2021</b>	<b>57,525,481</b>	<b>21,989,610</b>	<b>13,508,008</b>	<b>1,199</b>	<b>-89,560</b>	<b>66,095,444</b>	<b>14,008</b>
	<b>2022</b>	<b>57,605,690</b>	<b>21,412,078</b>	<b>13,819,437</b>	<b>438</b>	<b>213,814</b>	<b>64,984,080</b>	<b>13,688</b>
Afghanistan	2019	5,022	..	..	..	..	5,022	133
	2020	3,129	..	..	..	..	3,129	80
	2021	*3,185	..	..	..	..	*3,185	*80
	2022	*2,900	..	..	..	..	*2,900	*71
Armenia	2019	..	98,638	..	..	-721	99,359	34,215
	2020	..	99,896	..	..	289	99,607	34,455
	2021	..	108,534	..	..	-319	108,852	37,923
	2022	..	114,001	..	..	1,082	112,918	39,196

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	2019	957,529	0	462,197	..	4,949	490,383	48,502
	2020	1,034,594	..	540,587	..	-664	494,672	48,584
	2021	1,272,508	..	745,202	..	14,609	512,698	50,096
	2022	1,365,362	60,699	884,119	..	-2,707	544,649	52,903
Bahrain	2019	676,469	..	..	..	..	676,469	455,329
	2020	673,471	..	..	..	..	673,471	454,104
	2021	659,964	..	..	..	..	659,964	439,459
	2022	664,137	..	..	..	..	664,137	433,097
Bangladesh	2019	1,077,787	130,002	..	..	..	1,207,789	7,324
	2020	973,151	249,068	..	..	..	1,222,219	7,350
	2021	983,712	239,120	..	..	..	1,222,832	7,294
	2022	929,498	265,478	..	..	..	1,194,976	7,055
Brunei Darussalam	2019	426,639	..	304,995	..	247	121,396	274,230
	2020	414,523	..	306,167	..	4	108,352	242,180
	2021	378,317	..	269,915	..	0	108,403	239,977
	2022	347,434	..	230,669	..	117	116,648	256,161
China	2019	7,753,473	5,197,597	140,866	..	..	12,810,204	8,999
	2020	8,501,974	5,451,039	201,582	..	..	13,751,430	9,643
	2021	9,243,057	6,530,223	215,514	..	..	15,557,766	10,907
	2022	9,930,578	5,878,584	227,700	..	-136,769	15,718,230	11,029
China, Hong Kong SAR	2019	..	127,799	..	..	..	127,799	17,072
	2020	..	191,705	..	..	..	191,705	25,594
	2021	..	191,557	..	..	..	191,557	25,593
	2022	..	187,027	..	..	..	187,027	25,051
China, Macao SAR	2019	..	5,218	..	..	..	5,218	7,777
	2020	..	2,824	..	..	..	2,824	4,134
	2021	..	3,329	..	..	..	3,329	4,794
	2022	..	4,569	..	..	..	4,569	6,487
Georgia	2019	385	107,419	..	..	..	107,804	28,394
	2020	356	107,834	..	..	..	108,190	28,503
	2021	641	111,505	..	..	..	112,145	29,602
	2022	584	133,649	..	..	..	134,233	35,373
India	2019	*1,179,996	*1,401,333	..	..	..	*2,581,329	*1,858
	2020	*1,083,578	*1,363,015	..	..	..	*2,446,593	*1,744
	2021	*1,292,122	*1,269,958	..	..	..	*2,562,080	*1,812
	2022	*1,312,905	*1,088,986	..	..	..	*2,401,891	*1,685
Indonesia	2019	2,374,248	..	587,224	..	..	1,787,024	6,558
	2020	2,462,373	..	811,361	..	..	1,651,012	6,008
	2021	2,453,147	..	750,448	..	..	1,702,699	6,152
	2022	2,388,615	..	680,842	..	..	1,707,772	6,125
Iran (Islamic Rep. of)	2019	9,399,279	15,658	687,793	..	..	8,727,143	100,252
	2020	10,114,852	12,200	667,745	..	..	9,459,306	107,831
	2021	10,271,083	20,465	679,444	..	..	9,612,105	108,666
	2022	10,476,505	20,465	726,706	..	..	9,770,264	109,135
Iraq	2019	438,520	232,180	..	..	..	670,700	16,282
	2020	280,060	433,580	..	..	..	713,640	16,944
	2021	364,420	370,120	..	..	..	734,540	17,054
	2022	374,680	358,340	..	..	..	733,020	16,633
Israel	2019	336,263	28,994	7,057	..	..	358,200	41,375
	2020	586,782	25,463	161,517	..	..	450,727	51,217
	2021	733,097	7,601	271,349	..	..	469,349	52,483
	2022	833,808	1,900	350,017	..	..	485,691	53,354

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	2019	175,023	4,185,466	..	..	3,129	4,357,360	34,391
	2020	167,889	4,178,883	..	..	-17,993	4,364,766	34,557
	2021	177,329	3,910,636	..	..	-34,568	4,122,533	32,802
	2022	185,393	3,859,628	..	..	90,574	3,954,447	31,636
Jordan	2019	3,464	167,883	11,589	..	..	159,759	14,970
	2020	5,820	155,393	11,589	..	..	149,624	13,771
	2021	7,148	149,547	11,584	..	..	145,111	13,113
	2022	6,262	157,000	11,590	..	..	151,672	13,474
Kazakhstan	2019	1,339,839	647,078	1,050,070	..	755	936,092	48,731
	2020	1,224,568	510,912	813,220	..	-16,204	938,465	48,171
	2021	1,067,817	93,175	393,469	..	-21,759	789,281	39,977
	2022	1,078,382	47,489	268,618	..	17,285	839,968	41,926
Korea, Republic of	2019	10,845	2,228,102	..	..	-16,697	2,255,643	43,572
	2020	7,747	2,186,212	..	1,329	-64,675	2,257,306	43,528
	2021	2,301	2,511,535	..	1,199	17,549	2,495,088	48,123
	2022	..	2,540,696	..	438	62,926	2,477,333	47,841
Kuwait	2019	742,900	197,600	..	..	..	940,500	211,720
	2020	817,000	233,700	..	..	..	1,050,700	238,788
	2021	807,120	292,600	..	..	..	1,099,720	252,186
	2022	635,740	326,040	..	..	..	961,780	209,560
Kyrgyzstan	2019	880	11,714	..	..	..	12,594	1,939
	2020	807	12,404	..	..	..	13,211	1,982
	2021	801	14,767	..	..	..	15,568	2,283
	2022	1,078	16,205	..	..	..	17,283	2,485
Malaysia	2019	2,858,440	338,626	1,372,332	..	..	1,824,734	54,566
	2020	2,580,523	393,450	1,271,606	..	..	1,702,367	50,233
	2021	2,815,809	374,253	1,206,078	..	..	1,983,985	57,872
	2022	2,998,393	559,424	1,378,625	..	..	2,179,192	62,809
Myanmar	2019	738,693	..	576,441	..	..	162,252	3,082
	2020	661,296	..	484,477	..	..	176,819	3,335
	2021	729,693	..	545,801	..	..	183,892	3,445
	2022	701,588	..	518,293	..	-126	183,421	3,412
Oman	2019	1,541,267	82,800	560,031	..	..	1,064,036	231,753
	2020	1,810,418	74,914	*784,177	..	..	1,101,156	243,484
	2021	1,958,487	76,192	*887,112	..	..	1,147,568	254,991
	2022	2,031,507	77,151	*919,003	..	..	1,189,655	251,501
Other Asia	2019	6,915	1,026,855	..	..	11,890	1,021,880	43,164
	2020	4,356	1,101,620	..	..	2,312	1,103,664	46,640
	2021	4,557	1,208,352	..	..	12,166	1,200,744	50,969
	2022	3,961	1,243,432	..	..	2,794	1,244,599	53,142
Pakistan	2019	1,008,969	380,214	..	..	..	1,389,183	6,019
	2020	907,185	442,516	..	..	..	1,349,701	5,743
	2021	1,100,502	279,223	..	..	..	1,379,725	5,761
	2022	915,322	339,732	..	..	..	1,255,054	5,150
Philippines	2019	172,032	..	..	..	..	172,032	1,553
	2020	156,009	..	..	..	..	156,009	1,392
	2021	133,795	..	..	..	..	133,795	1,183
	2022	123,946	..	..	..	..	123,946	1,088
Qatar	2019	6,939,054	..	5,161,752	..	..	1,777,302	635,222
	2020	6,903,036	..	5,138,154	..	..	1,764,882	629,556
	2021	6,965,136	..	5,127,804	..	..	1,837,332	652,698
	2022	7,021,440	..	5,220,954	..	..	1,800,486	622,477

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	2019	4,741,052	..	..	..	..	4,741,052	155,583
	2020	4,776,170	..	..	..	..	4,776,170	154,114
	2021	4,916,646	..	..	..	..	4,916,646	156,939
	2022	4,023,866	..	..	..	..	4,023,866	125,061
Singapore	2019	..	424,860	..	..	218	424,642	74,899
	2020	..	427,414	..	..	-1,837	429,251	76,377
	2021	..	444,830	..	..	6,716	438,114	78,992
	2022	..	441,376	..	..	7,850	433,526	76,732
Syrian Arab Republic	2019	133,081	..	..	..	..	133,081	6,538
	2020	116,870	..	..	..	..	116,870	5,552
	2021	124,410	..	..	..	..	124,410	5,752
	2022	101,790	..	..	..	..	101,790	4,532
Tajikistan	2019	28	5,600	..	..	..	5,628	591
	2020	28	*9,000	..	..	..	*9,028	*926
	2021	28	9,410	..	..	..	9,438	947
	2022	29	9,560	..	..	..	9,589	942
Thailand	2019	1,456,420	624,570	..	..	..	2,080,990	29,096
	2020	1,319,066	642,676	..	..	..	1,961,742	27,383
	2021	1,292,258	676,897	..	..	..	1,969,156	27,453
	2022	1,069,019	655,748	..	..	..	1,724,767	24,043
Timor-Leste	2019	183,311	..	183,311	..	..	0	0
	2020	188,725	..	188,725	..	..	0	0
	2021	198,488	..	198,488	..	..	0	0
	2022	84,882	..	84,882	..	..	0	0
Türkiye	2019	18,129	1,731,656	29,216	..	-2,750	1,723,319	20,189
	2020	16,902	1,843,399	22,121	..	-9,325	1,847,506	21,460
	2021	15,108	2,248,584	14,665	..	-35,923	2,284,950	26,359
	2022	14,548	2,093,761	22,271	..	131,011	1,955,027	22,456
Turkmenistan	2019	3,284,976	..	2,448,602	..	..	836,375	122,925
	2020	3,133,420	..	2,263,129	..	..	870,292	125,223
	2021	3,174,075	..	1,705,005	..	..	1,469,070	207,143
	2022	3,519,888	..	1,851,492	..	..	1,668,396	230,754
United Arab Emirates	2019	2,149,940	878,129	365,783	..	..	2,662,286	283,891
	2020	2,148,616	883,920	342,049	..	..	2,690,487	284,752
	2021	2,051,782	761,520	279,955	..	..	2,533,347	258,794
	2022	2,168,514	849,447	284,066	..	..	2,733,896	266,928
Uzbekistan	2019	2,064,317	..	415,873	..	-41,825	1,690,269	51,275
	2020	1,692,208	..	103,763	..	-22,407	1,610,852	47,961
	2021	2,032,682	85,675	206,176	..	-48,032	1,960,213	57,243
	2022	1,977,046	81,689	159,590	..	39,775	1,859,370	53,218
Viet Nam	2019	384,348	..	..	..	..	384,348	3,955
	2020	344,201	..	..	..	..	344,201	3,509
	2021	293,453	..	..	..	..	293,453	2,966
	2022	315,290	..	..	..	..	315,290	3,163
Yemen	2019	802	..	..	..	..	802	23
	2020	802	..	..	..	..	802	22
	2021	802	..	..	..	..	802	22
	2022	802	..	..	..	..	802	21
Europe	2019	37,224,564	19,168,836	16,275,416	9,716	1,275,079	38,833,189	51,661
	2020	35,060,634	17,320,943	15,097,034	11,740	-908,968	38,181,771	50,792
	2021	38,310,816	18,100,425	15,248,514	15,661	-824,962	41,972,027	55,901
	2022	35,377,339	19,234,329	14,506,786	9,318	1,908,636	38,186,927	50,972

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	2019	2,680	..	..	..	..	2,680	929
	2020	1,917	..	..	..	..	1,917	667
	2021	2,059	..	..	..	..	2,059	723
	2022	1,774	..	..	..	..	1,774	627
Andorra	2019	..	100	..	..	..	100	1,308
	2020	..	101	..	..	..	101	1,305
	2021	..	143	..	..	..	143	1,825
	2022	..	140	..	..	..	140	1,756
Austria	2019	36,367	438,713	..	..	117,417	357,663	40,273
	2020	29,926	249,840	..	..	-61,205	340,971	38,219
	2021	26,931	183,498	..	..	-149,747	360,176	40,167
	2022	25,339	477,943	..	..	182,278	321,004	35,413
Belarus	2019	5,952	753,709	..	..	221	759,440	80,488
	2020	5,865	696,631	..	..	816	701,680	75,038
	2021	6,125	711,035	..	..	..	717,160	77,519
	2022	5,922	683,837	..	..	..	689,759	75,193
Belgium	2019	149	894,124	174,114	423	12,850	706,887	61,519
	2020	266	832,259	134,703	131	-5,899	703,590	60,969
	2021	497	818,183	112,423	271	-565	706,552	61,063
	2022	1,048	940,208	334,241	190	5,309	601,517	51,669
Bosnia and Herzegovina	2019	..	8,745	..	..	..	8,745	2,614
	2020	..	7,977	..	..	..	7,977	2,418
	2021	..	9,615	..	..	2	9,613	2,962
	2022	..	9,368	..	..	-2	9,370	2,924
Bulgaria	2019	1,506	114,341	296	..	1,958	113,593	16,285
	2020	2,224	113,217	401	..	-1,965	117,005	16,875
	2021	1,228	127,190	..	..	-3,743	132,161	19,217
	2022	684	114,775	..	..	7,286	108,173	15,848
Croatia	2019	39,601	77,109	2,783	..	2,001	111,926	28,077
	2020	32,800	82,818	2,028	..	-3,883	117,472	29,710
	2021	29,007	89,079	4,908	..	171	113,007	28,795
	2022	29,221	118,510	41,654	..	6,856	99,220	25,395
Czechia	2019	8,026	365,476	..	..	40,504	332,999	31,549
	2020	7,593	291,223	..	..	-39,695	338,512	32,086
	2021	7,807	334,153	..	..	-20,783	362,744	34,446
	2022	8,616	334,474	..	..	48,028	295,062	27,645
Denmark	2019	139,274	46,506	54,936	..	2,510	128,335	22,071
	2020	71,434	103,034	66,268	..	-6,092	114,292	19,599
	2021	80,686	96,489	71,521	..	-6,148	111,801	19,089
	2022	83,017	107,062	88,345	..	9,662	92,072	15,598
Estonia	2019	136	18,642	..	947	..	17,831	13,439
	2020	210	17,202	..	1,006	..	16,406	12,339
	2021	329	19,454	..	1,107	..	18,676	14,024
	2022	363	16,193	..	2,562	..	13,995	10,366
Finland	2019	382	99,553	..	20	557	99,358	17,994
	2020	394	98,580	..	67	288	98,619	17,835
	2021	543	98,444	..	61	-371	99,297	17,920
	2022	562	52,598	..	78	1,584	51,498	9,247
France	2019	5,110	2,203,852	379,379	..	78,659	1,750,924	25,766
	2020	8,674	1,875,672	338,073	..	-84,990	1,631,263	23,939
	2021	16,548	1,878,358	223,335	..	-65,702	1,737,274	25,425
	2022	25,939	2,302,181	616,686	..	140,562	1,570,872	22,924

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	2019	203,460	3,520,265	..	..	205,863	3,517,861	42,100
	2020	187,515	3,092,273	..	..	-190,602	3,470,390	41,498
	2021	217,078	3,256,079	..	..	-154,514	3,627,672	43,343
	2022	204,830	3,288,950	..	..	351,158	3,142,622	37,374
Gibraltar	2019	..	2,691	..	653	1,306	732	20,634
	2020	..	2,379	..	637	-403	2,145	59,303
	2021	..	3,083	..	696	158	2,230	60,498
	2022	..	1,514	..	565	-1,159	2,108	56,049
Greece	2019	445	207,358	634	..	-1,672	208,840	19,484
	2020	311	232,185	1,320	..	1,902	229,274	21,429
	2021	189	252,594	622	..	-1,310	253,471	23,959
	2022	..	227,253	19,197	..	3,197	204,858	19,674
Hungary	2019	62,010	453,637	..	..	121,663	393,984	40,324
	2020	61,645	308,326	..	..	-37,970	407,941	41,842
	2021	55,028	290,618	..	..	-86,979	432,625	44,564
	2022	55,125	364,379	..	..	51,656	367,848	37,984
Ireland	2019	99,718	112,418	..	..	..	212,136	42,999
	2020	76,828	135,059	..	..	..	211,887	42,525
	2021	58,773	144,856	..	..	..	203,629	40,496
	2022	54,218	153,374	..	..	..	207,592	40,624
Isle of Man	2019	..	5,454	..	..	..	5,454	64,962
	2020	..	5,285	..	..	..	5,285	62,872
	2021	..	3,630	..	..	..	3,630	43,160
	2022	..	4,937	..	..	..	4,937	58,686
Italy	2019	184,780	2,707,586	12,399	..	42,713	2,837,254	47,158
	2020	156,739	2,529,567	12,023	..	-40,991	2,715,274	45,294
	2021	127,669	2,781,130	58,807	..	-60,624	2,910,615	48,701
	2022	126,939	2,765,731	175,792	..	98,323	2,618,555	43,896
Latvia	2019	..	51,343	..	..	17	51,327	26,813
	2020	..	42,387	..	..	42	42,345	22,274
	2021	..	44,843	..	..	-15	44,858	23,790
	2022	..	32,116	..	..	-72	32,188	17,112
Liechtenstein	2019	..	998	..	..	..	998	25,968
	2020	..	962	..	..	..	962	24,820
	2021	..	1,073	..	..	..	1,073	27,487
	2022	..	902	..	..	..	902	22,932
Lithuania	2019	..	106,877	20,175	..	-30	86,732	31,030
	2020	..	110,833	20,089	..	-982	91,726	32,809
	2021	..	93,171	5,168	..	719	87,284	31,234
	2022	..	137,723	77,386	..	725	59,612	21,162
Luxembourg	2019	153	31,822	..	..	..	31,976	51,560
	2020	233	28,901	..	..	..	29,135	46,202
	2021	198	31,159	..	..	..	31,357	48,975
	2022	174	24,470	..	..	..	24,644	37,721
Malta	2019	..	14,761	..	..	516	14,245	28,262
	2020	..	14,237	..	..	-568	14,805	28,569
	2021	..	15,362	..	..	517	14,845	28,310
	2022	..	15,040	..	..	24	15,016	28,430
Netherlands (Kingd. of the)	2019	1,116,420	1,198,009	805,856	2,766	7,866	1,497,941	85,414
	2020	812,504	1,216,229	555,586	5,288	-3,834	1,471,692	83,445
	2021	730,316	1,035,149	560,503	5,520	-212,734	1,412,177	79,646
	2022	611,624	1,300,218	595,139	3,395	214,291	1,099,017	61,382



## 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	2019	..	11,353	..	..	-4	11,357	5,985
	2020	..	12,999	..	..	-2	13,001	6,945
	2021	..	16,501	..	..	-4	16,505	8,917
	2022	..	11,151	..	..	0	11,151	6,059
Norway	2019	4,692,661	1,057	4,462,085	2,446	-2,540	231,727	43,332
	2020	4,560,755	1,326	4,348,404	2,691	-352	211,337	39,287
	2021	4,689,683	6,295	4,454,252	2,689	5,753	233,284	43,136
	2022	5,079,573	2,682	4,894,984	1,796	-348	185,822	34,053
Poland	2019	159,408	672,988	51,161	..	26,313	754,922	19,749
	2020	158,002	673,201	53,833	..	-18,445	795,815	20,849
	2021	155,371	713,103	4,389	..	15,994	848,091	22,295
	2022	152,175	591,900	23,458	..	20,770	699,847	18,232
Portugal	2019	..	245,615	..	..	-171	245,786	23,763
	2020	..	239,448	..	..	-1,733	241,180	23,256
	2021	..	230,624	..	..	103	230,521	22,185
	2022	..	232,260	..	..	8,930	223,330	21,439
Republic of Moldova	2019	3	35,201	..	..	-52	35,256	11,327
	2020	0	35,764	..	..	-106	35,870	11,687
	2021	2	41,145	..	..	70	41,077	13,585
	2022	3	32,090	..	..	2,827	29,266	9,627
Romania	2019	381,054	99,373	487	..	53,251	426,689	21,880
	2020	340,414	79,480	5,310	..	-31,413	445,997	22,998
	2021	341,973	132,122	27,683	..	-11,645	458,057	23,797
	2022	346,523	105,672	35,964	..	31,661	384,569	20,064
Russian Federation	2019	27,706,287	348,390	9,934,021	..	344,146	17,776,510	121,314
	2020	26,178,944	343,522	9,128,691	..	-354,769	17,748,544	121,257
	2021	29,730,879	311,850	9,268,360	..	113,757	20,660,612	141,670
	2022	26,341,559	298,128	6,422,974	..	524,512	19,692,201	135,267
Serbia	2019	16,247	83,812	..	..	7,333	92,726	13,311
	2020	15,133	73,709	..	..	-3,707	92,550	13,398
	2021	13,414	87,606	..	..	-10,373	111,393	16,296
	2022	12,146	110,000	..	..	14,438	107,707	15,860
Slovakia	2019	4,795	259,722	..	..	74,428	190,089	34,875
	2020	2,544	167,459	..	..	-20,180	190,183	34,864
	2021	2,271	198,621	52,453	..	-63,276	211,715	38,898
	2022	2,159	242,167	..	..	67,929	176,397	32,229
Slovenia	2019	273	34,027	79	..	..	34,220	16,425
	2020	213	34,004	..	..	..	34,217	16,275
	2021	202	35,859	..	..	..	36,061	17,062
	2022	172	31,626	..	..	..	31,798	15,033
Spain	2019	5,767	1,506,011	45,514	1,657	26,925	1,437,682	30,308
	2020	2,320	1,314,814	47,433	992	-30,863	1,299,572	27,256
	2021	1,944	1,496,250	122,261	4,504	2,601	1,368,828	28,675
	2022	1,906	1,606,503	245,051	717	43,857	1,318,784	27,573
Sweden	2019	..	45,695	1,039	804	..	43,851	4,266
	2020	1,408	60,378	1,162	928	..	59,696	5,766
	2021	1,461	49,904	2,263	812	..	48,289	4,636
	2022	1,445	30,426	405	15	..	31,451	2,999
Switzerland	2019	1,443	136,238	..	..	..	137,681	16,051
	2020	1,476	132,590	..	..	..	134,066	15,516
	2021	1,481	144,167	..	..	..	145,649	16,728
	2022	1,692	118,577	..	..	..	120,268	13,679

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	2019	759,092	442,225	..	..	113,552	1,087,764	24,195
	2020	737,611	343,593	..	..	28,014	1,053,190	23,572
	2021	677,297	298,949	5,713	..	-109,249	1,079,782	24,375
	2022	654,408	121,404	..	..	59,721	716,091	17,445
United Kingdom	2019	1,591,364	1,813,040	330,458	..	-3,021	3,076,967	45,849
	2020	1,604,736	1,721,478	381,710	..	618	2,943,886	43,709
	2021	1,333,824	2,019,040	273,853	..	-7,022	3,086,033	45,605
	2022	1,548,185	2,225,848	935,510	..	14,634	2,823,889	41,419
<b>Latin America &amp; Carib.</b>	<b>2019</b>	<b>7,878,686</b>	<b>2,887,946</b>	<b>1,383,571</b>	<b>..</b>	<b>-10,099</b>	<b>9,393,159</b>	<b>14,651</b>
	<b>2020</b>	<b>7,289,813</b>	<b>2,779,732</b>	<b>1,264,862</b>	<b>..</b>	<b>-8,550</b>	<b>8,813,233</b>	<b>13,650</b>
	<b>2021</b>	<b>7,556,180</b>	<b>3,325,834</b>	<b>1,032,156</b>	<b>..</b>	<b>-23,776</b>	<b>9,873,633</b>	<b>15,204</b>
	<b>2022</b>	<b>7,795,976</b>	<b>2,651,406</b>	<b>1,119,969</b>	<b>..</b>	<b>2,719</b>	<b>9,324,693</b>	<b>14,272</b>
Argentina	2019	1,725,250	226,780	9,194	..	-716	1,943,553	43,216
	2020	1,577,341	240,423	6,111	..	760	1,810,893	40,071
	2021	1,583,066	345,519	36,617	..	0	1,891,968	41,754
	2022	1,688,312	214,992	81,698	..	-209	1,821,815	40,121
Barbados	2019	892	..	..	..	..	892	3,171
	2020	386	223	..	..	..	609	2,162
	2021	285	260	..	..	..	544	1,929
	2022	322	307	..	..	..	629	2,228
Belize	2019	41	..	..	..	15	26	67
	2020	32	..	..	..	12	20	52
	2021	..	..	..	..	..	..	..
	2022	..	..	..	..	..	..	..
Bolivia (Plur. State of)	2019	631,583	..	466,515	..	..	165,069	14,143
	2020	608,826	..	474,460	..	..	134,366	11,371
	2021	626,657	..	473,833	..	..	152,824	12,802
	2022	569,275	..	405,006	..	..	164,269	13,602
Brazil	2019	962,178	379,714	..	..	..	1,341,892	6,468
	2020	860,787	372,221	..	..	..	1,233,008	5,909
	2021	1,010,761	690,032	..	..	-8,188	1,708,981	8,155
	2022	942,989	359,211	..	..	..	1,302,200	6,192
Chile	2019	59,692	187,447	..	..	2,155	244,984	12,761
	2020	45,717	176,962	..	..	-1,796	224,476	11,588
	2021	46,615	197,959	..	..	-1,051	245,626	12,624
	2022	50,900	215,043	..	..	4,378	261,564	13,377
Colombia	2019	486,362	6,072	..	..	..	492,434	9,867
	2020	473,372	13,531	..	..	..	486,903	9,617
	2021	440,611	1,734	..	..	..	442,345	8,642
	2022	435,764	2,111	..	..	..	437,875	8,463
Cuba	2019	37,113	..	..	..	..	37,113	3,313
	2020	34,916	..	..	..	..	34,916	3,124
	2021	33,695	..	..	..	..	33,695	3,030
	2022	32,914	..	..	..	..	32,914	2,976
Dominican Republic	2019	..	58,399	1,596	..	65	56,739	5,208
	2020	..	62,248	2,443	..	-4	59,808	5,433
	2021	..	75,655	2,235	..	-9	73,429	6,601
	2022	..	58,399	1,600	..	65	56,735	5,052
Ecuador	2019	24,637	..	..	..	..	24,637	1,421
	2020	20,929	..	..	..	..	20,929	1,193
	2021	22,075	..	..	..	..	22,075	1,248
	2022	20,361	..	..	..	..	20,361	1,142

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
El Salvador	2019	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..
	2021	..	6	..	..	..	6	1
	2022	..	8,125	..	..	..	8,125	1,294
Guyana	2019	..	13	..	..	-1	14	17
	2020	..	49	..	..	5	45	55
	2021	..	40	..	..	-3	43	53
	2022	..	60	..	..	-1	60	73
Jamaica	2019	..	9,918	..	..	-1,516	11,434	4,050
	2020	..	28,299	..	..	167	28,132	9,938
	2021	..	29,121	..	..	107	29,014	10,224
	2022	..	23,645	..	..	-64	23,710	8,351
Mexico	2019	1,285,121	1,908,243	436	..	-10,100	3,203,028	25,469
	2020	1,465,063	1,810,399	379	..	-7,693	3,282,776	25,890
	2021	1,483,669	1,882,815	315	..	-14,633	3,380,802	26,485
	2022	1,556,806	1,698,223	293	..	-4,130	3,258,866	25,339
Panama	2019	..	33,835	..	..	..	33,835	7,990
	2020	..	18,243	..	..	..	18,243	4,249
	2021	..	21,785	..	..	..	21,785	5,013
	2022	..	13,031	52	..	2,680	10,299	2,340
Peru	2019	542,941	..	224,255	..	..	318,686	9,821
	2020	487,281	..	219,514	..	..	267,767	8,154
	2021	511,616	..	158,405	..	..	353,211	10,653
	2022	616,269	..	213,561	..	..	402,707	12,030
Puerto Rico	2019	..	74,140	..	..	..	74,140	22,548
	2020	..	54,629	..	..	..	54,629	16,677
	2021	..	78,042	..	..	..	78,042	23,989
	2022	..	55,247	..	..	..	55,247	17,047
Suriname	2019	232	..	..	..	..	232	384
	2020	269	..	..	..	..	269	439
	2021	248	..	..	..	..	248	401
	2022	274	..	..	..	..	274	440
Trinidad and Tobago	2019	1,421,840	..	681,576	..	..	740,265	498,530
	2020	1,192,151	..	561,955	..	..	630,196	425,514
	2021	1,025,640	..	360,752	..	..	664,888	446,919
	2022	1,084,089	..	*417,759	..	..	666,330	445,432
Uruguay	2019	..	3,384	..	..	..	3,384	996
	2020	..	2,505	..	..	..	2,505	737
	2021	..	2,866	..	..	..	2,866	844
	2022	..	3,013	..	..	..	3,013	888
Venezuela (Bolivar. Rep.)	2019	700,803	..	..	..	..	700,803	24,217
	2020	522,742	..	..	..	..	522,742	18,378
	2021	771,241	..	..	..	..	771,241	27,312
	2022	797,700	..	..	..	..	797,700	28,274
<b>Northern America</b>	<b>2019</b>	<b>44,650,839</b>	<b>3,967,682</b>	<b>8,091,355</b>	<b>..</b>	<b>472,853</b>	<b>40,054,313</b>	<b>106,613</b>
	<b>2020</b>	<b>43,912,405</b>	<b>3,675,532</b>	<b>8,567,175</b>	<b>..</b>	<b>290,118</b>	<b>38,730,644</b>	<b>102,534</b>
	<b>2021</b>	<b>45,277,213</b>	<b>4,097,462</b>	<b>10,550,636</b>	<b>..</b>	<b>-253,944</b>	<b>39,077,983</b>	<b>103,178</b>
	<b>2022</b>	<b>47,814,853</b>	<b>4,271,367</b>	<b>10,822,939</b>	<b>..</b>	<b>-380,201</b>	<b>41,643,482</b>	<b>109,449</b>
Canada	2019	7,385,467	1,017,915	2,991,778	..	-58,473	5,470,077	144,776
	2020	7,208,998	930,316	2,786,173	..	126,365	5,226,776	136,927
	2021	7,440,864	965,893	3,131,335	..	-110,614	5,386,036	140,064
	2022	8,001,198	1,000,789	3,356,483	..	-65,720	5,711,224	147,116

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
United States	2019	37,265,372	2,949,767	5,099,577	..	531,326	34,584,236	102,384
	2020	36,703,407	2,745,216	5,781,002	..	163,753	33,503,868	98,704
	2021	37,836,349	3,131,569	7,419,301	..	-143,330	33,691,947	99,047
	2022	39,813,655	3,270,578	7,466,456	..	-314,481	35,932,258	105,208
Oceania	<b>2019</b>	<b>6,189,128</b>	<b>201,980</b>	<b>4,590,118</b>	..	<b>13,504</b>	<b>1,787,487</b>	<b>41,090</b>
	<b>2020</b>	<b>6,629,103</b>	<b>179,742</b>	<b>4,825,238</b>	..	<b>33,220</b>	<b>1,950,387</b>	<b>44,250</b>
	<b>2021</b>	<b>6,386,441</b>	<b>207,573</b>	<b>4,718,410</b>	..	<b>-17,416</b>	<b>1,893,021</b>	<b>42,486</b>
	<b>2022</b>	<b>6,749,936</b>	<b>152,051</b>	<b>5,146,165</b>	..	<b>-27,258</b>	<b>1,783,080</b>	<b>39,583</b>
Australia	2019	5,488,747	201,980	4,095,657	..	14,173	1,580,897	62,038
	2020	5,921,342	179,742	4,338,571	..	32,644	1,729,869	67,196
	2021	5,711,322	207,573	4,240,632	..	-21,511	1,699,774	65,486
	2022	6,058,820	152,051	4,636,771	..	-27,835	1,601,935	61,140
New Zealand	2019	185,498	..	..	..	-669	186,167	37,313
	2020	181,094	..	..	..	576	180,518	35,606
	2021	158,453	..	..	..	4,094	154,359	30,221
	2022	144,652	..	..	..	577	144,074	28,075
Papua New Guinea	2019	514,883	..	494,461	..	..	20,422	2,125
	2020	526,667	..	486,667	..	..	40,000	4,075
	2021	516,667	..	477,778	..	..	38,889	3,884
	2022	*546,465	..	*509,394	..	..	*37,071	*3,633