

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Table Notes

Production includes output from refineries and plants.

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 48: Production of LPG by region, 1990-2022

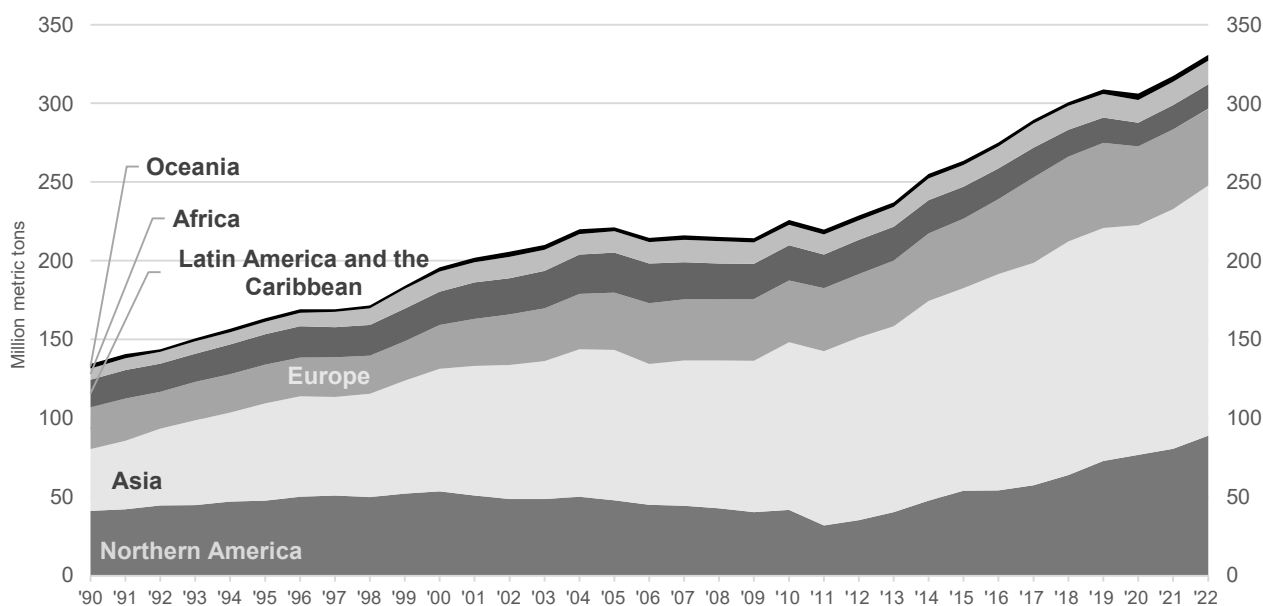


Figure 49: Major LPG producing countries, 2022

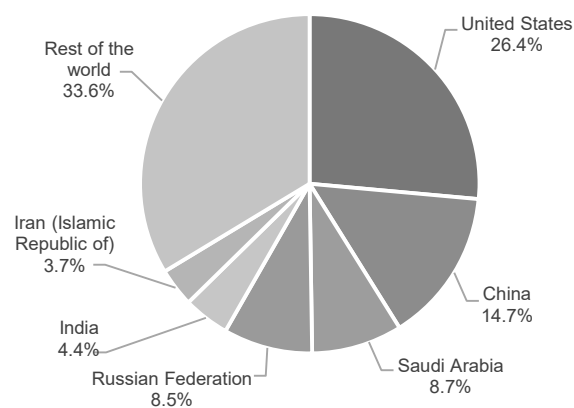


Figure 50: Major LPG consuming countries, 2022

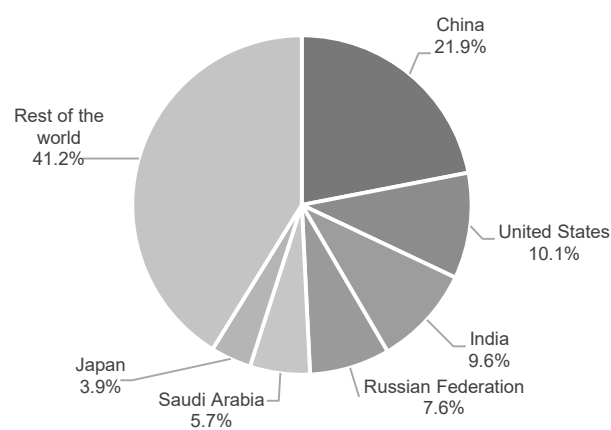


Table 18

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
World	2019	308,719	128,025	115,219	1,140	320,385	41
	2020	306,063	127,705	117,567	-1,410	317,610	40
	2021	317,247	134,603	121,672	-1,748	331,927	42
	2022	330,779	142,302	131,460	4,076	337,545	42
Africa	2019	14,988	8,096	9,005	75	14,003	10
	2020	14,475	8,518	8,351	251	14,391	10
	2021	14,933	8,391	8,182	322	14,820	10
	2022	15,039	8,238	8,008	459	14,810	10
Algeria	2019	8,917	..	6,260	-17	2,674	62
	2020	8,413	..	5,574	-33	2,872	65
	2021	8,990	..	5,896	24	3,070	69
	2022	9,455	..	6,104	-12	3,363	74
Angola	2019	2,387	429	1,895	*421	499	15
	2020	2,362	0	2,042	291	28	1
	2021	2,034	0	1,621	332	81	2
	2022	1,763	0	1,289	464	10	0
Benin	2019	..	24	..	-1	24	2
	2020	..	23	..	0	23	2
	2021	..	92	..	61	31	2
	2022	..	..	18	-59	41	3
Botswana	2019	..	14	..	..	14	6
	2020	..	12	..	..	12	5
	2021	..	20	..	..	20	8
	2022	..	21	..	..	21	9
Burkina Faso	2019	..	103	..	-1	104	5
	2020	..	122	..	..	122	6
	2021	..	141	..	..	141	6
	2022	..	*143	..	..	*143	*6
Burundi	2019	..	0	..	..	0	0
	2020	..	1	..	..	1	0
	2021	..	0	..	..	0	0
	2022	..	0	..	..	0	0
Cabo Verde	2019	..	14	..	..	14	26
	2020	..	13	..	..	13	25
	2021	..	15	..	..	15	29
	2022	..	13	..	..	13	25
Cameroon	2019	30	88	..	..	118	5
	2020	25	95	..	..	120	5
	2021	35	89	..	..	124	5
	2022	28	99	..	..	128	5
Central African Rep.	2019	..	2	..	..	2	0
	2020	..	0	..	0	0	0
	2021	..	0	..	0	0	0
	2022	..	0	..	..	0	0
Chad	2019	*35	..	..	..	*35	*2
	2020	*42	..	..	..	*42	*2
	2021	*46	..	..	..	*46	*3
	2022	*45	..	..	..	*45	*2
Comoros	2019	..	*2	..	..	*2	*2
	2020	..	*2	..	..	*2	*2
	2021	..	*2	..	..	*2	*2
	2022	..	*3	..	..	*3	*3

Table 18

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Congo	2019	8	..	..	..	8	1
	2020	8	..	..	..	8	1
	2021	8	..	..	..	8	1
	2022	9	..	..	..	9	1
Côte d'Ivoire	2019	28	385	20	..	393	14
	2020	28	419	75	..	372	13
	2021	56	505	60	..	501	17
	2022	15	550	..	..	565	19
Djibouti	2019	..	*15	..	..	*15	*14
	2020	..	13	..	..	13	11
	2021	..	*15	..	..	*15	*14
	2022	..	*14	..	..	*14	*12
Egypt	2019	1,839	1,989	..	..	3,828	36
	2020	1,809	2,382	..	..	4,191	38
	2021	1,834	2,177	..	..	4,011	36
	2022	1,848	1,758	..	..	3,605	32
Equatorial Guinea	2019	528	..	509	*3	16	10
	2020	478	..	473	*-9	14	8
	2021	376	..	393	*-29	12	7
	2022	409	..	*386	*14	10	6
Eritrea	2019	..	6	..	..	6	2
	2020	..	6	..	..	6	2
	2021	..	6	..	..	6	2
	2022	..	6	..	..	6	2
Eswatini	2019	..	4	..	..	4	3
	2020	..	5	..	..	5	4
	2021	..	6	..	..	6	5
	2022	..	3	..	..	3	3
Ethiopia	2019	..	6	..	..	6	0
	2020	..	8	..	..	8	0
	2021	..	7	..	-2	9	0
	2022	..	7	..	-2	9	0
Gabon	2019	5	74	..	..	79	35
	2020	10	48	..	..	58	25
	2021	11	37	..	..	48	20
	2022	14	44	..	..	58	24
Gambia	2019	..	*2	..	..	*2	*1
	2020	..	*2	..	..	*2	*1
	2021	..	*2	..	..	*2	*1
	2022	..	*2	..	..	*2	*1
Ghana	2019	70	275	1	-4	348	11
	2020	85	262	3	3	341	11
	2021	95	263	0	6	351	11
	2022	111	211	0	4	318	10
Guinea-Bissau	2019	..	0	..	..	0	0
	2020	..	0	..	..	0	0
	2021	..	0	..	..	0	0
	2022	..	*1	..	..	*1	0
Kenya	2019	..	304	3	..	301	6
	2020	..	321	1	..	320	6
	2021	..	371	..	..	371	7
	2022	..	334	..	..	334	6

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Lesotho	2019	..	14	..	..	14	6
	2020	..	14	..	..	14	6
	2021	..	14	..	..	14	6
	2022	..	10	..	..	10	4
Liberia	2019	..	*2	..	..	*2	0
	2020	..	*2	..	..	*2	0
	2021	..	*2	..	..	*2	0
	2022	..	*2	..	..	*2	0
Libya	2019	457	..	188	..	269	39
	2020	405	..	133	..	272	39
	2021	446	..	170	..	275	39
	2022	435	..	156	..	278	39
Madagascar	2019	..	17	0	2	15	1
	2020	..	11	0	*1	10	0
	2021	..	17	..	*6	12	0
	2022	..	16	..	..	16	1
Malawi	2019	..	3	..	..	3	0
	2020	..	1	..	..	1	0
	2021	..	2	..	..	2	0
	2022	..	2	..	..	2	0
Mali	2019	..	14	..	..	14	1
	2020	..	17	..	..	17	1
	2021	..	19	..	..	19	1
	2022	..	15	..	..	15	1
Mauritania	2019	..	85	..	*32	53	12
	2020	..	70	..	*12	59	13
	2021	..	*78	..	*17	*61	*13
	2022	..	90	..	*29	61	13
Mauritius	2019	..	175	62	29	84	66
	2020	..	68	..	-8	76	59
	2021	..	77	..	-5	82	64
	2022	..	92	..	3	89	70
Morocco	2019	..	2,729	..	-27	2,756	76
	2020	..	2,821	..	-10	2,831	77
	2021	..	2,796	..	-102	2,898	78
	2022	..	3,012	..	7	3,005	81
Mozambique	2019	..	37	..	..	37	1
	2020	..	28	..	..	28	1
	2021	..	44	..	..	44	1
	2022	..	44	..	..	44	1
Namibia	2019	..	17	1	..	16	6
	2020	..	17	0	..	16	6
	2021	..	16	0	..	16	6
	2022	..	16	0	..	15	5
Niger	2019	61	0	..	..	61	3
	2020	61	5	1	2	64	3
	2021	55	9	0	-1	65	3
	2022	48	32	..	*-6	86	3
Nigeria	2019	3	..	..	-362	365	2
	2020	136	564	..	5	695	3
	2021	406	416	..	14	807	4
	2022	406	321	..	18	709	3

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Rwanda	2019	..	25	..	..	25	2
	2020	..	33	..	..	33	3
	2021	..	30	..	..	30	2
	2022	..	*31	..	..	*31	*2
Sao Tome and Principe	2019	..	0	..	..	0	*1
	2020	..	0	..	..	0	*1
	2021	..	0	..	..	0	*1
	2022	..	0	..	..	0	*1
Senegal	2019	3	176	7	0	172	11
	2020	3	188	7	-1	185	11
	2021	3	188	..	..	191	11
	2022	5	209	..	..	214	12
Seychelles	2019	..	4	..	..	4	34
	2020	..	*4	..	..	*4	*33
	2021	..	*4	..	..	*4	*33
	2022	..	*4	..	..	*4	*33
Sierra Leone	2019	..	4	..	..	4	0
	2020	..	5	..	..	5	1
	2021	..	5	..	..	5	1
	2022	..	3	..	..	3	0
Somalia	2019	..	*10	..	..	*10	*1
	2020	..	*10	..	..	*10	*1
	2021	..	*10	..	..	*10	*1
	2022	..	*11	..	..	*11	*1
South Africa	2019	221	86	60	..	247	4
	2020	199	54	42	..	212	4
	2021	168	20	41	..	146	2
	2022	113	96	56	..	153	2
South Sudan	2019	..	3	..	..	3	0
	2020	..	3	..	..	3	0
	2021	..	3	..	..	3	0
	2022	..	3	..	..	3	0
Sudan	2019	*281	207	..	..	*488	*11
	2020	293	99	..	..	392	8
	2021	250	31	..	..	281	6
	2022	246	66	..	..	312	6
Togo	2019	..	34	..	-1	35	4
	2020	..	37	..	-1	38	4
	2021	..	40	..	..	40	4
	2022	..	45	..	..	45	5
Tunisia	2019	105	495	..	1	599	50
	2020	113	472	..	-1	586	49
	2021	120	485	..	1	604	50
	2022	89	527	..	0	616	51
Uganda	2019	..	19	..	..	19	0
	2020	..	24	..	..	24	1
	2021	..	25	..	..	25	1
	2022	..	33	..	..	33	1
United Rep. of Tanzania	2019	..	166	..	..	166	3
	2020	..	195	..	..	195	3
	2021	..	248	..	..	248	4
	2022	..	250	..	..	250	4

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Zambia	2019	11	1	..	..	12	1
	2020	5	3	..	..	8	0
	2021	0	8	..	..	8	0
	2022	0	8	..	..	8	0
Zimbabwe	2019	..	37	..	..	37	2
	2020	..	39	..	..	39	3
	2021	..	57	..	..	57	4
	2022	..	90	..	-1	90	6
Asia	2019	148,033	74,770	41,259	7	181,536	39
	2020	145,854	75,690	38,230	-812	184,127	39
	2021	152,257	79,939	38,863	-503	193,836	41
	2022	158,974	87,276	45,572	1,451	199,226	42
Afghanistan	2019	..	675	..	..	675	18
	2020	..	680	..	..	680	17
	2021	..	*620	..	..	*620	*15
	2022	..	*605	..	..	*605	*15
Armenia	2019	..	30	..	..	30	10
	2020	..	52	..	..	52	18
	2021	..	74	..	..	74	26
	2022	..	90	..	..	90	31
Azerbaijan	2019	210	1	14	-10	207	20
	2020	201	16	13	-4	209	21
	2021	282	..	5	-2	279	27
	2022	256	..	..	2	254	25
Bahrain	2019	136	..	62	2	72	48
	2020	124	..	45	10	69	47
	2021	110	..	29	13	68	45
	2022	125	..	46	6	73	48
Bangladesh	2019	19	..	..	..	19	0
	2020	14	..	..	..	14	0
	2021	13	..	..	..	13	0
	2022	12	..	..	..	12	0
Bhutan	2019	..	9	..	..	9	12
	2020	..	8	..	..	8	11
	2021	..	8	..	..	8	11
	2022	..	8	..	..	8	10
Brunei Darussalam	2019	93	..	48	28	17	38
	2020	619	..	503	98	18	39
	2021	629	..	609	4	17	37
	2022	555	..	539	0	16	36
Cambodia	2019	..	341	..	..	341	21
	2020	..	322	..	..	322	19
	2021	..	319	..	..	319	19
	2022	..	329	..	..	329	19
China	2019	42,100	21,093	1,409	178	61,606	43
	2020	44,890	20,046	949	177	63,811	45
	2021	47,855	24,778	990	578	71,066	50
	2022	48,498	26,915	869	526	74,018	52
China, Hong Kong SAR	2019	..	347	..	-31	378	50
	2020	..	302	..	-19	321	43
	2021	..	308	..	-9	317	42
	2022	..	286	..	36	250	33

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
China, Macao SAR	2019	..	40	..	1	39	58
	2020	..	34	..	0	34	50
	2021	..	33	..	..	33	48
	2022	..	31	..	2	29	41
Cyprus	2019	..	62	..	0	62	48
	2020	..	54	..	1	53	41
	2021	..	53	..	-3	56	42
	2022	..	62	..	3	59	45
Georgia	2019	..	28	0	0	28	7
	2020	..	29	..	0	29	8
	2021	..	36	..	0	36	9
	2022	..	43	0	1	42	11
India	2019	12,823	14,809	463	..	27,169	20
	2020	12,072	16,476	452	..	28,096	20
	2021	13,887	17,120	513	..	30,494	22
	2022	14,549	18,309	534	..	32,324	23
Indonesia	2019	2,001	5,715	0	-1	7,716	28
	2020	1,874	6,106	0	-1	7,980	29
	2021	1,903	6,336	..	..	8,239	30
	2022	1,958	6,730	..	3	8,685	31
Iran (Islamic Rep. of)	2019	8,920	..	4,931	-179	4,168	48
	2020	8,980	..	4,424	-831	5,387	61
	2021	10,921	..	5,722	-852	6,051	68
	2022	12,144	..	8,324	..	3,821	43
Iraq	2019	1,780	..	163	..	1,618	39
	2020	1,776	..	166	..	1,610	38
	2021	1,853	..	137	..	1,715	40
	2022	1,929	..	137	..	1,792	41
Israel	2019	425	218	137	-4	510	59
	2020	374	219	144	2	446	51
	2021	429	187	130	-2	488	55
	2022	407	234	165	1	475	52
Japan	2019	3,401	10,440	55	142	13,644	108
	2020	2,846	10,099	56	-45	12,934	102
	2021	2,963	10,068	38	6	12,987	103
	2022	2,738	10,545	44	165	13,075	105
Jordan	2019	68	432	..	22	478	45
	2020	54	409	..	..	463	43
	2021	61	377	..	..	438	40
	2022	62	475	..	..	537	48
Kazakhstan	2019	2,587	1	1,866	38	684	36
	2020	2,618	0	1,907	26	685	35
	2021	2,659	0	1,744	9	906	46
	2022	2,990	1	1,384	77	1,530	76
Korea, Republic of	2019	2,882	7,872	477	64	10,213	197
	2020	2,476	8,349	491	82	10,252	198
	2021	2,532	8,029	268	-82	10,376	200
	2022	2,201	8,795	58	32	10,906	211
Kuwait	2019	6,036	..	4,731	..	1,305	294
	2020	6,402	..	4,557	..	1,845	419
	2021	5,257	..	4,710	..	547	125
	2022	6,409	..	5,167	..	1,242	271

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Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Kyrgyzstan	2019	15	37	1	1	50	8
	2020	7	44	..	12	39	6
	2021	..	107	..	11	96	14
	2022	..	63	..	-4	67	10
Lao People's Dem. Rep.	2019	..	*17	..	..	*17	*2
	2020	..	*19	..	..	*19	*3
	2021	..	*21	..	..	*21	*3
	2022	..	26	..	..	26	3
Lebanon	2019	..	219	..	..	219	38
	2020	..	234	..	..	234	41
	2021	..	208	..	..	208	36
	2022	..	142	..	..	142	25
Malaysia	2019	2,720	419	297	*-128	2,970	89
	2020	2,330	499	478	*-251	2,602	77
	2021	2,728	325	734	-88	2,408	70
	2022	2,279	898	495	..	2,681	77
Maldives	2019	..	17	..	..	17	35
	2020	..	13	..	..	13	26
	2021	..	17	..	..	17	33
	2022	..	18	..	..	18	34
Myanmar	2019	13	18	..	..	31	1
	2020	7	71	..	..	78	1
	2021	6	90	..	..	96	2
	2022	13	87	..	-1	101	2
Nepal	2019	..	416	..	..	416	15
	2020	..	443	..	..	443	15
	2021	..	497	..	..	497	17
	2022	..	536	..	..	536	18
Oman	2019	776	..	556	..	220	48
	2020	667	..	474	..	193	43
	2021	730	..	25	..	706	157
	2022	736	37	204	..	569	120
Other Asia	2019	1,166	1,940	36	-34	3,104	131
	2020	857	1,638	31	0	2,464	104
	2021	1,093	560	2	-40	1,691	72
	2022	1,064	849	..	1	1,911	82
Pakistan	2019	665	675	..	..	1,340	6
	2020	476	974	..	..	1,450	6
	2021	487	871	..	..	1,358	6
	2022	639	1,071	..	..	1,710	7
Philippines	2019	286	1,370	5	-4	1,655	15
	2020	152	1,469	0	-1	1,621	14
	2021	150	1,693	..	-9	1,852	16
	2022	207	1,613	..	28	1,792	16
Qatar	2019	7,611	..	6,577	..	1,034	369
	2020	7,156	..	6,117	..	1,039	371
	2021	7,471	..	6,439	..	1,032	367
	2022	7,671	..	6,587	..	1,084	375
Saudi Arabia	2019	28,179	..	8,802	*-5	19,382	636
	2020	26,409	..	7,432	15	18,962	612
	2021	25,319	..	6,634	*7	18,678	596
	2022	28,633	..	8,749	545	19,338	601

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Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Singapore	2019	855	570	181	..	1,244	219
	2020	712	232	172	..	773	138
	2021	724	74	114	..	684	123
	2022	811	182	89	..	904	160
Sri Lanka	2019	27	430	..	0	457	20
	2020	25	437	..	-11	473	21
	2021	17	422	..	-18	457	20
	2022	5	394	..	..	399	17
State of Palestine	2019	..	178	..	..	178	36
	2020	..	204	..	..	204	40
	2021	..	206	..	..	206	40
	2022	..	228	..	..	228	43
Syrian Arab Republic	2019	150	285	..	..	434	21
	2020	162	236	..	..	398	19
	2021	160	209	..	..	368	17
	2022	160	237	..	..	396	18
Tajikistan	2019	..	431	..	..	431	45
	2020	..	421	..	..	421	43
	2021	..	411	..	..	411	41
	2022	..	397	..	..	397	39
Thailand	2019	5,980	550	299	..	6,231	87
	2020	5,495	535	233	..	5,797	81
	2021	5,671	550	181	..	6,040	84
	2022	4,974	1,549	181	..	6,342	88
Timor-Leste	2019	..	1	..	..	1	1
	2020	..	1	..	..	1	1
	2021	..	1	..	..	1	1
	2022	..	1	..	..	1	1
Türkiye	2019	1,082	3,108	101	-73	4,162	49
	2020	971	3,005	118	-70	3,927	46
	2021	1,014	3,104	217	-18	3,919	45
	2022	1,100	3,208	410	30	3,868	44
Turkmenistan	2019	1,176	..	..	..	1,176	173
	2020	1,241	..	..	..	1,241	179
	2021	1,255	..	..	..	1,255	177
	2022	1,356	..	..	..	1,356	188
United Arab Emirates	2019	11,691	26	9,774	..	1,942	207
	2020	11,938	26	9,162	..	2,802	297
	2021	12,007	26	9,287	..	2,746	281
	2022	12,016	26	11,271	..	771	75
Uzbekistan	2019	830	..	..	-1	831	25
	2020	741	1	66	-1	678	20
	2021	803	0	45	-6	764	22
	2022	875	1	89	-4	792	23
Viet Nam	2019	887	1,810	272	..	2,425	25
	2020	782	1,810	240	..	2,352	24
	2021	898	1,971	291	..	2,578	26
	2022	1,281	1,965	230	4	3,013	30
Yemen	2019	443	*140	..	..	583	17
	2020	409	*179	..	..	588	16
	2021	372	*230	..	..	602	16
	2022	323	*291	..	..	614	16

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Europe	2019	53,961	24,568	19,319	-334	59,544	79
	2020	50,152	22,507	16,740	-142	56,061	75
	2021	50,615	23,332	16,912	-61	57,097	76
	2022	48,591	24,761	15,700	305	57,348	77
Albania	2019	..	173	..	2	171	59
	2020	..	167	..	3	164	57
	2021	..	184	..	2	182	64
	2022	..	188	..	5	183	65
Andorra	2019	..	*2	..	..	*2	*31
	2020	..	*2	..	..	*2	*24
	2021	..	*2	..	..	*2	*25
	2022	..	*2	..	..	*2	*26
Austria	2019	137	61	89	9	99	11
	2020	117	64	92	5	85	9
	2021	150	64	110	4	99	11
	2022	106	96	64	-13	151	17
Belarus	2019	390	90	344	2	134	14
	2020	399	18	281	1	135	14
	2021	399	18	281	..	136	15
	2022	402	18	283	..	137	15
Belgium	2019	1,069	2,109	696	9	2,474	215
	2020	1,036	2,090	763	8	2,356	204
	2021	1,061	2,242	921	5	2,376	205
	2022	693	2,546	866	31	2,342	201
Bosnia and Herzegovina	2019	1	80	..	-1	82	25
	2020	..	90	..	-1	91	28
	2021	..	93	..	-1	94	29
	2022	..	84	..	-1	84	26
Bulgaria	2019	131	367	44	-1	455	65
	2020	77	382	30	0	430	62
	2021	64	370	28	-1	407	59
	2022	91	415	37	-1	471	69
Croatia	2019	196	75	135	1	134	34
	2020	184	66	137	-2	115	29
	2021	185	82	145	1	122	31
	2022	151	170	216	1	104	27
Czechia	2019	400	210	145	..	465	44
	2020	312	184	125	-2	373	35
	2021	394	170	131	1	432	41
	2022	355	177	112	-2	422	40
Denmark	2019	127	17	84	-1	61	11
	2020	113	12	66	3	57	10
	2021	92	22	51	-3	66	11
	2022	81	52	48	0	85	14
Estonia	2019	..	41	11	2	28	21
	2020	..	22	1	-4	25	18
	2021	..	19	..	..	19	14
	2022	..	22	..	..	22	16
Finland	2019	289	824	23	-7	1,097	199
	2020	245	838	10	54	1,019	184
	2021	174	880	3	-17	1,068	193
	2022	139	1,074	4	74	1,135	204

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
France	2019	1,357	3,326	902	-14	3,795	56
	2020	886	3,015	875	-2	3,028	44
	2021	1,029	3,244	919	-8	3,362	49
	2022	1,063	3,090	1,078	18	3,057	45
Germany	2019	3,232	1,224	252	2	4,202	50
	2020	2,885	1,265	241	13	3,896	47
	2021	3,025	1,451	275	-5	4,206	50
	2022	2,768	1,324	299	2	3,791	45
Greece	2019	802	73	284	-3	593	55
	2020	780	62	324	6	513	48
	2021	860	50	332	2	576	54
	2022	845	98	165	5	773	74
Hungary	2019	153	479	93	-4	543	56
	2020	144	453	84	-2	515	53
	2021	147	488	83	2	550	57
	2022	127	376	71	1	431	45
Iceland	2019	..	3	..	0	3	9
	2020	..	3	..	0	3	7
	2021	..	2	..	0	2	7
	2022	..	3	..	0	3	8
Ireland	2019	45	139	21	-3	166	34
	2020	52	128	21	-7	166	33
	2021	42	145	20	6	162	32
	2022	37	154	17	1	173	34
Italy	2019	1,269	2,422	244	41	3,407	57
	2020	1,290	2,057	263	-324	3,409	57
	2021	1,387	2,272	365	-14	3,307	55
	2022	1,340	2,535	315	39	3,521	59
Kosovo	2019	..	30	..	..	30	17
	2020	..	32	..	..	32	18
	2021	..	32	..	..	32	18
	2022	..	23	..	..	23	13
Latvia	2019	..	177	101	1	75	39
	2020	..	144	71	1	72	38
	2021	..	146	80	-2	68	36
	2022	..	202	130	0	72	39
Lithuania	2019	399	77	285	2	188	67
	2020	333	52	221	0	165	59
	2021	341	56	224	-1	173	62
	2022	294	130	216	13	195	69
Luxembourg	2019	..	10	0	..	9	15
	2020	..	7	0	..	7	12
	2021	..	10	0	..	10	16
	2022	..	8	0	..	8	12
Malta	2019	..	25	..	-1	27	53
	2020	..	25	..	1	24	46
	2021	..	23	..	0	24	45
	2022	..	25	..	-1	25	48
Montenegro	2019	..	21	..	3	18	29
	2020	..	13	..	-5	17	28
	2021	..	16	..	-3	19	31
	2022	..	17	..	-2	19	31

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Netherlands (Kingd. of the)	2019	1,566	3,308	2,100	-52	2,827	161
	2020	1,303	3,348	1,868	22	2,761	157
	2021	1,544	3,152	2,281	9	2,405	136
	2022	1,219	3,182	2,020	-14	2,395	134
North Macedonia	2019	..	81	2	-1	81	42
	2020	..	67	2	0	66	35
	2021	..	69	2	0	67	36
	2022	..	68	2	0	66	36
Norway	2019	6,394	228	5,913	-28	737	138
	2020	6,237	216	5,752	-33	734	136
	2021	5,571	209	5,326	42	413	76
	2022	4,413	246	4,109	78	472	87
Poland	2019	630	2,613	479	-1	2,765	72
	2020	657	2,145	355	-4	2,451	64
	2021	649	2,290	358	10	2,570	68
	2022	626	2,561	583	47	2,556	67
Portugal	2019	165	752	82	-27	862	83
	2020	162	759	34	15	872	84
	2021	119	729	36	-15	827	80
	2022	79	764	46	1	796	76
Republic of Moldova	2019	..	66	..	..	66	21
	2020	..	63	..	-1	63	21
	2021	..	61	..	..	61	20
	2022	..	56	0	-2	57	19
Romania	2019	625	186	312	-6	504	26
	2020	514	212	296	-4	434	22
	2021	491	234	273	6	446	23
	2022	562	220	328	-3	457	24
Russian Federation	2019	29,077	122	4,443	-188	24,945	170
	2020	27,624	116	3,110	..	24,630	168
	2021	27,921	94	2,776	..	25,239	173
	2022	28,174	57	2,462	..	25,769	177
Serbia	2019	94	105	32	-1	167	24
	2020	100	82	50	1	131	19
	2021	117	85	42	-2	162	24
	2022	151	58	40	1	168	25
Slovakia	2019	164	48	63	3	146	27
	2020	137	94	64	-1	168	31
	2021	129	47	9	1	166	30
	2022	122	55	13	-1	165	30
Slovenia	2019	..	103	7	2	94	45
	2020	..	88	5	1	82	39
	2021	..	90	8	0	83	39
	2022	..	86	5	1	80	38
Spain	2019	1,167	1,242	553	-15	1,871	39
	2020	920	997	446	-12	1,483	31
	2021	1,240	723	514	21	1,427	30
	2022	1,135	1,029	528	31	1,605	34
Sweden	2019	446	1,233	690	-14	1,003	98
	2020	401	1,110	674	116	722	70
	2021	626	1,055	809	-95	968	93
	2022	566	1,480	1,127	3	917	87

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Switzerland	2019	108	81	20	0	169	20
	2020	97	69	10	0	156	18
	2021	70	91	0	-1	162	19
	2022	77	79	8	1	147	17
Ukraine	2019	409	1,466	59	-35	1,851	41
	2020	305	1,562	3	-3	1,867	42
	2021	306	1,593	0	0	1,899	43
	2022	*306	1,384	..	..	1,690	41
United Kingdom	2019	3,119	882	812	-8	3,197	48
	2020	2,841	389	467	17	2,746	41
	2021	2,484	731	512	-4	2,707	40
	2022	2,669	608	508	-8	2,777	41
Latin America & Carib.	2019	16,119	14,231	2,433	-106	28,023	44
	2020	14,964	15,971	2,304	26	28,605	44
	2021	15,279	17,541	2,156	-108	30,773	47
	2022	15,524	16,387	2,583	-43	29,371	45
Anguilla	2019	..	8	..	*-1	9	594
	2020	..	6	..	*-3	8	546
	2021	..	8	..	0	8	573
	2022	..	11	..	*2	9	599
Antigua and Barbuda	2019	..	*4	..	..	*4	*40
	2020	..	*4	..	..	*4	*39
	2021	..	*4	..	..	*4	*39
	2022	..	*4	..	..	*4	*40
Argentina	2019	2,768	..	1,224	6	1,538	34
	2020	2,352	..	1,003	-4	1,353	30
	2021	2,648	..	907	10	1,731	38
	2022	2,845	..	1,087	-48	1,807	40
Aruba	2019	..	*11	..	..	*11	*102
	2020	..	*9	..	..	*9	*80
	2021	..	*9	..	..	*9	*87
	2022	..	*9	..	..	*9	*87
Bahamas	2019	..	18	..	..	18	46
	2020	..	12	..	..	12	30
	2021	..	14	..	..	14	36
	2022	..	21	..	..	21	53
Barbados	2019	..	8	..	..	8	28
	2020	..	8	..	..	8	29
	2021	..	8	..	..	8	29
	2022	..	8	..	..	8	29
Belize	2019	1	26	..	..	27	70
	2020	1	26	..	..	27	68
	2021	..	27	..	..	27	67
	2022	..	28	..	..	28	71
Bolivia (Plur. State of)	2019	580	..	126	0	453	39
	2020	540	..	102	0	439	37
	2021	612	..	135	0	478	40
	2022	618	..	133	0	485	40
Bonaire, St Eustatius, Saba	2019	..	*1	..	..	*1	*50
	2020	..	*1	..	..	*1	*45
	2021	..	*1	..	..	*1	*40
	2022	..	*1	..	..	*1	*38

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Brazil	2019	5,214	1,918	0	-17	7,149	34
	2020	5,264	1,973	0	-13	7,250	35
	2021	5,290	2,211	0	58	7,443	36
	2022	5,519	1,931	0	34	7,416	35
Cayman Islands	2019	..	8	..	..	8	124
	2020	..	4	..	..	4	60
	2021	..	4	..	..	4	60
	2022	..	6	..	..	6	84
Chile	2019	543	1,000	131	54	1,358	71
	2020	461	1,129	231	-12	1,371	71
	2021	489	1,257	221	35	1,490	77
	2022	369	1,370	246	7	1,487	76
Colombia	2019	650	108	0	..	758	15
	2020	749	9	..	..	758	15
	2021	853	16	..	..	869	17
	2022	758	137	..	..	895	17
Costa Rica	2019	..	186	..	4	181	36
	2020	..	172	..	-2	173	34
	2021	..	198	..	3	196	39
	2022	..	210	..	-1	211	41
Cuba	2019	22	119	..	..	141	13
	2020	39	112	..	..	151	13
	2021	28	152	..	..	180	16
	2022	13	139	..	..	152	14
Curaçao	2019	0	48	0	..	48	254
	2020	..	47	..	..	47	257
	2021	..	47	..	..	47	251
	2022	..	46	..	..	46	248
Dominica	2019	..	*3	..	..	*3	*44
	2020	..	*2	..	..	*2	*36
	2021	..	*3	..	..	*3	*39
	2022	..	*3	..	..	*3	*42
Dominican Republic	2019	27	1,010	..	-5	1,041	96
	2020	17	900	..	4	913	83
	2021	35	978	..	-2	1,015	91
	2022	27	974	..	-5	1,005	90
Ecuador	2019	179	1,043	..	-2	1,224	71
	2020	178	1,066	..	7	1,237	71
	2021	197	1,100	..	-6	1,303	74
	2022	184	1,181	..	0	1,364	77
El Salvador	2019	..	452	0	..	452	73
	2020	..	470	145	..	325	52
	2021	..	508	186	..	322	51
	2022	..	542	194	..	348	55
Falkland Is. (Malvinas)	2019	..	0	..	..	0	22
	2020	..	0	..	..	0	22
	2021	..	0	..	..	0	20
	2022	..	0	..	..	0	*20
Grenada	2019	..	5	..	..	5	46
	2020	..	5	..	..	5	40
	2021	..	5	..	..	5	41
	2022	..	5	..	..	5	45

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Guatemala	2019	..	576	120	24	431	25
	2020	..	601	127	38	437	25
	2021	..	640	129	8	503	29
	2022	..	655	123	0	532	30
Guyana	2019	..	22	..	0	23	28
	2020	..	23	..	-1	24	30
	2021	..	28	..	-1	29	35
	2022	..	42	..	-1	43	52
Haiti	2019	..	24	..	..	24	2
	2020	..	26	..	..	26	2
	2021	..	31	..	..	31	3
	2022	..	28	..	..	28	2
Honduras	2019	..	682	385	-19	316	32
	2020	..	651	343	-1	309	31
	2021	..	721	340	20	361	35
	2022	..	784	402	-1	383	37
Jamaica	2019	11	90	..	1	100	36
	2020	9	85	..	1	94	33
	2021	4	95	..	0	99	35
	2022	4	108	..	0	112	39
Mexico	2019	3,269	6,132	21	24	9,356	74
	2020	3,045	7,865	25	-14	10,899	86
	2021	2,770	8,723	4	-12	11,501	90
	2022	2,748	7,054	..	-1	9,803	76
Montserrat	2019	..	0	..	..	0	73
	2020	..	0	..	..	0	95
	2021	..	1	..	..	1	170
	2022	..	2	..	..	2	389
Nicaragua	2019	21	103	..	1	123	19
	2020	16	118	..	-2	136	21
	2021	19	122	..	0	142	21
	2022	21	123	1	..	143	21
Panama	2019	..	119	0	8	111	26
	2020	..	121	0	31	90	21
	2021	..	117	0	9	108	25
	2022	..	223	0	-27	250	57
Paraguay	2019	..	92	..	4	88	13
	2020	..	87	..	0	87	13
	2021	..	84	..	2	83	12
	2022	..	71	..	-3	74	11
Peru	2019	1,476	341	0	-186	2,003	62
	2020	1,318	352	41	-3	1,632	50
	2021	1,360	363	..	-227	1,950	59
	2022	1,230	585	..	-1	1,815	54
Saint Barthélemy	2019	..	*1	..	..	*1	*50
	2020	..	*1	..	..	*1	*49
	2021	..	*1	..	..	*1	*49
	2022	..	*1	..	..	*1	*49
Saint Martin (French Part)	2019	..	*2	..	..	*2	*50
	2020	..	*2	..	..	*2	*54
	2021	..	*2	..	..	*2	*57
	2022	..	*2	..	..	*2	*59

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Sint Maarten (Dutch part)	2019	..	*2	..	..	*2	*47
	2020	..	*2	..	..	*2	*46
	2021	..	*2	..	..	*2	*48
	2022	..	*2	..	..	*2	*50
St. Kitts-Nevis	2019	..	*2	..	..	*2	*47
	2020	..	*2	..	..	*2	*45
	2021	..	*2	..	..	*2	*43
	2022	..	*2	..	..	*2	*47
St. Lucia	2019	..	7	..	..	7	40
	2020	..	*7	..	..	*7	*42
	2021	..	*8	..	..	*8	*43
	2022	..	*8	..	..	*8	*44
St. Vincent-Grenadines	2019	..	8	..	..	8	73
	2020	..	9	..	..	9	85
	2021	..	*4	..	..	*4	*38
	2022	..	*6	..	..	*6	*61
Suriname	2019	..	24	..	0	23	39
	2020	..	23	..	1	22	36
	2021	..	22	..	0	22	36
	2022	..	22	..	..	22	36
Trinidad and Tobago	2019	436	..	377	..	59	40
	2020	360	..	283	..	77	52
	2021	303	..	231	..	72	48
	2022	499	..	394	..	105	70
Turks and Caicos Islands	2019	..	*5	..	..	*5	*118
	2020	..	*5	..	..	*5	*113
	2021	..	*5	..	..	*5	*113
	2022	..	*5	..	..	*5	*111
Uruguay	2019	102	25	1	-3	129	38
	2020	96	38	1	-1	134	39
	2021	111	23	3	-2	133	39
	2022	96	40	1	2	134	39
Venezuela (Bolívar. Rep.)	2019	820	..	48	..	772	27
	2020	516	..	4	..	513	18
	2021	560	..	..	..	560	20
	2022	594	..	3	..	591	21
Northern America	2019	72,780	5,832	41,586	1,522	35,503	94
	2020	76,689	4,534	49,141	-743	32,824	87
	2021	80,561	4,953	52,978	-1,404	33,940	90
	2022	88,927	5,141	56,596	1,941	35,531	93
Bermuda	2019	..	14	..	..	14	216
	2020	..	3	..	..	3	47
	2021	..	5	..	..	5	76
	2022	..	*5	..	..	*5	*77
Canada	2019	1,557	..	..	-22	1,579	42
	2020	1,408	..	..	3	1,404	37
	2021	1,478	..	..	4	1,475	38
	2022	1,448	..	..	-8	1,456	38
Greenland	2019	..	0	..	..	0	1
	2020	..	0	..	..	0	1
	2021	..	0	..	..	0	1
	2022	..	0	..	..	0	1

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
United States	2019	71,223	5,818	41,586	1,544	33,910	100
	2020	75,281	4,530	49,141	-746	31,417	93
	2021	79,083	4,948	52,978	-1,407	32,461	95
	2022	87,478	5,136	56,596	1,949	34,070	100
Oceania	2019	2,837	528	1,616	-26	1,775	41
	2020	3,929	485	2,802	10	1,602	36
	2021	3,601	447	2,582	5	1,460	33
	2022	3,724	498	3,002	-38	1,259	28
Australia	2019	2,654	409	1,616	-24	1,471	58
	2020	3,751	395	2,801	11	1,334	52
	2021	3,437	335	2,566	6	1,200	46
	2022	3,554	388	2,972	-38	1,008	38
Fiji	2019	..	32	0	..	32	35
	2020	..	28	1	..	26	29
	2021	..	26	..	..	26	29
	2022	..	*27	..	..	*27	*29
French Polynesia	2019	..	9	..	0	9	33
	2020	..	10	..	1	9	33
	2021	..	9	..	-1	11	38
	2022	..	11	..	0	11	41
Kiribati	2019	..	0	..	..	0	*2
	2020	..	0	..	..	0	*2
	2021	..	0	..	..	0	*2
	2022	..	0	..	..	0	*2
Marshall Islands	2019	..	0	..	..	0	*5
	2020	..	0	..	..	0	*5
	2021	..	0	..	..	0	*5
	2022	..	0	..	..	0	*5
Nauru	2019	..	0	..	..	0	*1
	2020	..	0	..	..	0	*1
	2021	..	0	..	..	0	*1
	2022	..	0	..	..	0	*1
New Caledonia	2019	..	21	..	-2	22	79
	2020	..	14	..	0	14	50
	2021	..	7	..	0	7	24
	2022	..	12	..	0	11	39
New Zealand	2019	163	44	..	0	207	41
	2020	161	28	..	-1	191	38
	2021	151	55	16	0	190	37
	2022	156	48	30	0	174	34
Niue	2019	..	0	..	..	0	*21
	2020	..	0	..	..	0	*19
	2021	..	0	..	..	0	*20
	2022	..	0	..	..	0	*20
Northern Mariana Islands	2019	..	*2	..	..	*2	*47
	2020	..	*2	..	..	*2	*48
	2021	..	*1	..	..	*1	*30
	2022	..	*2	..	..	*2	*40
Papua New Guinea	2019	21	3	..	..	24	2
	2020	17	0	..	..	17	2
	2021	13	4	..	..	17	2
	2022	*15	*3	..	..	*18	*2

Table 18

Production, trade and supply of liquefied petroleum gases (LPG)

Thousand metric tons and kilograms per capita

Country or area	Year	Production	Imports	Exports	Changes in stocks	Supply	
						Total	Per capita
Samoa	2019	..	2	..	..	2	9
	2020	..	3	..	..	3	15
	2021	..	3	..	..	3	15
	2022	..	3	0	..	3	12
Tonga	2019	..	2	..	..	2	20
	2020	..	2	..	..	2	22
	2021	..	3	..	..	3	27
	2022	..	2	..	..	2	23
Tuvalu	2019	..	0	..	..	0	*12
	2020	..	0	..	..	0	*12
	2021	..	0	..	..	0	*12
	2022	..	0	..	..	0	*13
Vanuatu	2019	..	*2	..	..	*2	*7
	2020	..	*2	..	..	*2	*6
	2021	..	*2	..	..	*2	*6
	2022	..	*2	..	..	*2	*6
Wallis and Futuna Is.	2019	..	0	..	..	0	*22
	2020	..	0	..	..	0	*23
	2021	..	0	..	..	0	*23
	2022	..	0	..	..	0	*21