

Production of natural gas liquids – by end use

Thousand metric tons

Table Notes

Production refers to production of natural gas liquids.

End-use products refers to the output of natural gas liquids plants, arranged by product. **Net imports** refers to imports minus exports. **Inputs of NGLs to refineries** refers to quantities of natural gas liquids that are transformed in oil refineries. Data may not add up due to statistical differences or the presence of other natural gas liquid flows such as stock changes, transfers or energy industries own use.

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 66: Production of natural gas liquids by region, 1990-2020

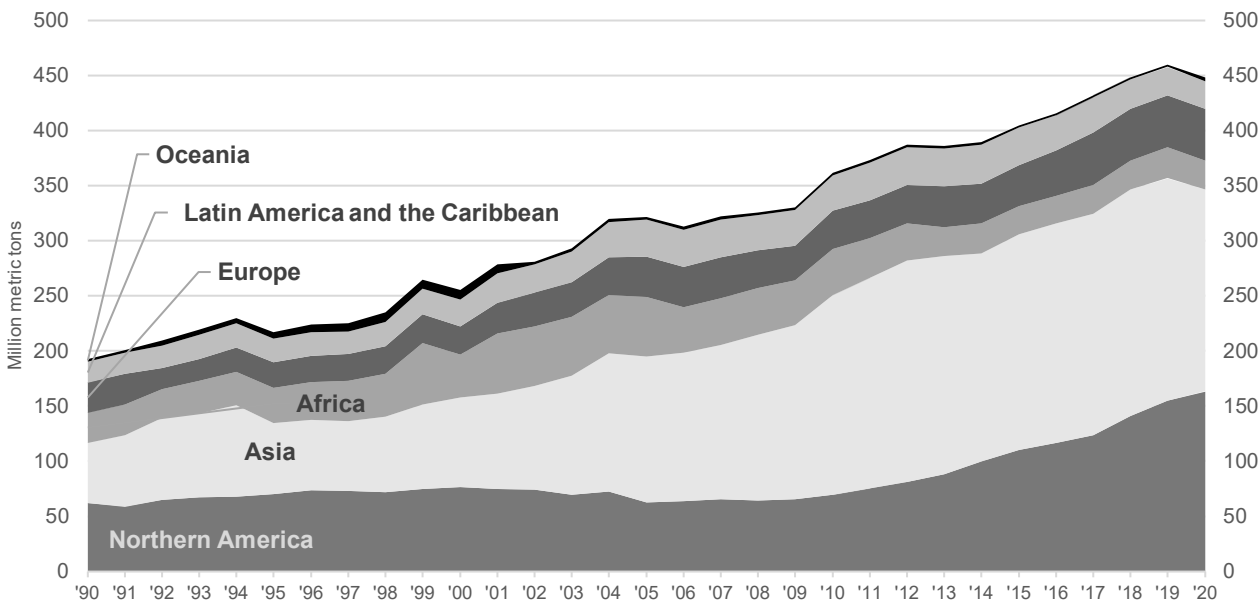


Figure 67: Production of natural gas liquids by end-use product, 2020

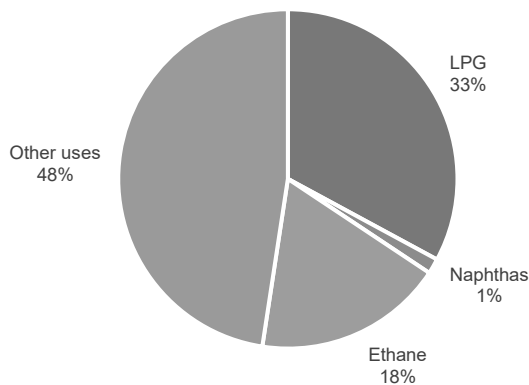


Table 26

Production of natural gas liquids - by end use

Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
World	2017	431,564	149,738	6,884	68,586	8,745	-49,899	119,749
	2018	448,029	152,414	6,358	75,789	7,386	-53,938	118,104
	2019	459,996	147,065	6,787	76,468	7,743	-64,173	113,126
	2020	447,759	147,335	6,487	80,800	6,812	-60,502	110,441
Africa	2017	26,306	11,764	219	..	..	-9,200	4,900
	2018	25,865	11,531	231	..	..	-9,466	4,662
	2019	28,298	11,503	277	..	..	-12,328	3,738
	2020	26,092	11,503	164	..	..	-9,800	4,285
Algeria	2017	17,744	8,412	113	..	..	-4,200	4,813
	2018	17,220	8,314	81	..	..	-4,290	4,574
	2019	16,517	8,259	107	..	..	-4,374	3,650
	2020	15,444	7,741	96	..	..	-3,253	4,231
Angola	2017	941	941	..	..	..	..	..
	2018	822	822	..	..	..	..	..
	2019	1,057	1,057	..	..	..	..	..
	2020	1,473	1,473	..	..	..	..	..
Cameroon	2017	..	..	..	..	..	..	..
	2018	16	16	..	..	..	..	..
	2019	24	24	..	..	..	..	..
	2020	25	25	..	..	..	..	..
Congo	2017	301	..	..	..	..	-276	24
	2018	301	..	..	..	..	-276	25
	2019	301	..	..	..	..	-276	25
	2020	301	..	..	..	..	-277	24
Côte d'Ivoire	2017	6	6	..	..	..	..	..
	2018	5	5	..	..	..	..	..
	2019	6	6	..	..	..	..	..
	2020	6	6	..	..	..	..	..
Egypt	2017	1,230	1,230	..	..	..	..	..
	2018	1,299	1,299	..	..	..	..	..
	2019	1,193	1,193	..	..	..	..	..
	2020	1,196	1,196	..	..	..	..	..
Equatorial Guinea	2017	660	660	..	..	..	..	..
	2018	587	587	..	..	..	..	..
	2019	512	512	..	..	..	..	..
	2020	464	464	..	..	..	..	..
Ghana	2017	114	114	..	..	..	..	..
	2018	80	80	..	..	..	..	..
	2019	66	66	..	..	..	..	..
	2020	84	84	..	..	..	..	..
Libya	2017	2,476	277	106	..	..	-2,093	..
	2018	2,870	292	150	..	..	-2,428	..
	2019	3,467	284	170	..	..	-3,014	..
	2020	1,610	286	68	..	..	-1,256	..
Mozambique	2017	9	..	..	..	..	-9	..
	2018	8	..	..	..	..	-8	..
	2019	7	..	..	..	..	-7	..
	2020	6	-6	..
Nigeria	2017	2,557	-2,553	..
	2018	2,424	-2,413	..
	2019	4,943	-4,623	..
	2020	5,314	136	-4,969	..

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Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
South Africa	2017	63	..	..	..	..	63	
	2018	63	..	..	..	..	63	
	2019	63	..	..	..	..	63	
	2020	30	..	..	..	..	30	
Tunisia	2017	206	123	..	..	-69	..	
	2018	172	118	..	..	-51	..	
	2019	142	102	..	..	-34	..	
	2020	140	93	..	..	-39	..	
Asia	2017	200,996	71,640	5,467	31,921	138	-39,678	48,259
	2018	205,814	69,842	5,168	33,241	148	-39,743	48,513
	2019	201,578	55,574	5,667	32,346	178	-42,678	47,465
	2020	182,752	50,408	5,516	33,269	176	-44,188	45,027
Azerbaijan	2017	2,688	12	20	..	..	-2,357	299
	2018	2,921	12	20	..	..	-2,510	379
	2019	*3,940	12	*24	..	..	-3,534	370
	2020	4,199	14	23	..	..	-3,544	619
Bahrain	2017	337	..	..	..	..	-315	..
	2018	385	..	..	..	..	-365	..
	2019	651	..	..	..	..	-693	..
	2020	636	..	..	..	..	-627	..
Bangladesh	2017	409	6	..	..	138	..	256
	2018	407	6	..	..	148	..	243
	2019	392	7	..	..	178	..	189
	2020	259	7	..	..	176	..	58
Brunei Darussalam	2017	544	17	..	..	..	-464	81
	2018	518	17	..	..	..	-392	126
	2019	524	18	..	..	..	-406	100
	2020	414	18	..	..	..	-388	27
India	2017	*4,609	2,210	1,220	..	..	..	*1,179
	2018	*4,932	*2,086	*1,250	..	..	..	*1,596
	2019	*4,763	*2,100	*1,280	..	..	..	*1,383
	2020	*4,212	*1,859	975	..	..	..	*1,378
Indonesia	2017	*924	1,162	..	..	..	423	185
	2018	*969	1,143	..	..	..	241	67
	2019	*1,164	1,140	..	..	..	1,583	..
	2020	1,063	1,024	..	..	..	..	..
Iran (Islamic Rep. of)	2017	28,801	2,720	..	9,711	..	-10,958	2,567
	2018	30,432	2,656	..	10,479	..	-11,578	2,583
	2019	29,827	2,775	..	10,098	..	-11,348	2,531
	2020	27,603	2,658	..	9,256	..	-10,502	2,343
Iraq	2017	1,861	1,449	..	..	..	..	412
	2018	1,978	1,540	..	..	..	..	438
	2019	2,019	1,573	..	..	..	..	447
	2020	1,977	1,540	..	..	..	..	437
Japan	2017	240	..	..	..	..	2,049	2,054
	2018	215	..	..	..	..	1,725	1,870
	2019	198	..	..	..	..	2,232	2,390
	2020	185	..	..	..	..	1,232	1,415
Kazakhstan	2017	13,270	1,238	..	..	..	-12,032	..
	2018	12,863	1,493	-11,371	..
	2019	11,912	1,552	-10,360	..
	2020	12,649	1,571	-11,078	..

Table 26

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Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Kuwait	2017	8,843	6,688	..	2,155	..	..
	2018	9,004	6,849	..	2,155	..	..
	2019	8,026	5,871	..	2,155	..	..
	2020	8,403	6,248	..	2,155	..	..
Malaysia	2017	2,338	1,838	243	..	..	..
	2018	2,398	1,906	230	..	..	..
	2019	1,789	1,837	*191	..	..	..
	2020	1,864	1,891	*230	..	..	..
Myanmar	2017	12	8	4	..	..	..
	2018	13	13	5	..	..	..
	2019	13	7	4	..	..	..
	2020	*12	..	*5	..	..	..
Oman	2017	238	238	..	..	..	..
	2018	239	239	..	..	..	..
	2019	281	281	..	..	..	..
	2020	216	216	..	..	..	..
Pakistan	2017	571	*571	..	..	..	..
	2018	564	*564	..	..	..	..
	2019	599	*599	..	..	..	..
	2020	589	589	..	..	..	..
Qatar	2017	41,876	9,687	..	960	..	-18,840	12,390
	2018	42,758	10,523	..	1,006	..	-18,840	12,390
	2019	40,268	8,031	..	1,007	..	-18,840	12,390
	2020	39,788	7,056	..	2,618	..	-18,255	11,859
Saudi Arabia	2017	46,923	27,469	..	12,590	..	4,095	8,416
	2018	47,596	25,264	..	13,356	..	4,341	8,494
	2019	46,250	*12,871	..	*12,913	..	0	*8,674
	2020	30,592	*9,267	..	*12,778	..	-157	*8,331
Syrian Arab Republic	2017	76	76	..	..	..	..	..
	2018	76	76	..	..	..	..	..
	2019	86	86	..	..	..	..	..
	2020	95	95	..	..	..	..	..
Thailand	2017	6,804	4,235	..	2,333	..	-33	..
	2018	6,861	4,309	..	2,388	..	-18	..
	2019	6,673	4,238	..	2,220	..	-33	..
	2020	6,151	3,526	..	1,911	..	-49	..
Turkmenistan	2017	943	661	..	..	..	..	281
	2018	989	666	..	..	..	..	323
	2019	1,015	754	..	..	..	..	261
	2020	968	719	..	..	..	..	249
United Arab Emirates	2017	34,913	10,802	3,980	4,172	..	..	18,164
	2018	35,981	9,886	3,663	3,857	..	..	17,861
	2019	36,867	11,104	4,168	3,953	..	..	16,408
	2020	37,196	11,409	4,283	4,552	..	..	16,174
Uzbekistan	2017	1,953	..	..	..	..	23	1,976
	2018	2,145	..	..	..	..	0	2,145
	2019	2,310	..	..	..	..	11	2,321
	2020	2,028	108	2,136
Viet Nam	2017	317	317
	2018	381	381
	2019	391	391
	2020	392	372

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Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Yemen	2017	236	236	..	..	..	..	..
	2018	214	214	..	..	..	..	..
	2019	328	328	..	..	..	..	..
	2020	329	329	..	..	..	..	..
Europe	2017	47,331	7,337	1,091	2,689	553	9,104	39,384
	2018	46,944	6,691	939	2,563	352	7,024	38,220
	2019	47,025	6,465	843	1,835	206	3,298	36,404
	2020	47,517	6,363	807	1,707	4	5,085	38,329
Austria	2017	37	..	..	..	..	..	37
	2018	18	..	..	..	..	..	18
	2019	16	..	..	..	..	..	16
	2020	14	..	..	..	..	..	14
Belarus	2017	97	94	..	..	23	..	..
	2018	100	97	..	..	17	..	..
	2019	102	98	..	..	20	..	..
	2020	107	103	..	..	4	..	..
Belgium	2017	..	..	..	..	..	23	..
	2018	..	..	..	..	..	21	..
	2019	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..
Croatia	2017	64	42	..	..	..	..	22
	2018	58	38	..	..	..	..	19
	2019	59	40	..	..	..	..	13
	2020	51	34	17	..	..	..	..
Finland	2017	..	..	..	..	..	1,367	1,272
	2018	..	..	..	..	..	1,189	1,261
	2019	..	..	..	..	..	549	673
	2020	..	..	..	..	..	647	665
France	2017	..	..	..	..	530	626	136
	2018	..	..	..	..	335	335	..
	2019	..	..	..	..	186	186	..
	2020	..	..	..	..	..	..	..
Hungary	2017	282	89	..	..	..	-19	130
	2018	242	75	..	..	..	..	159
	2019	184	43	..	..	..	..	137
	2020	145	35	..	..	..	..	110
Italy	2017	..	..	..	..	..	..	..
	2018	..	..	..	..	..	..	..
	2019	..	..	..	..	..	..	..
	2020	10	..	..	..	..	..	10
Montenegro	2017	..	..	..	..	..	..	..
	2018	..	..	..	..	..	4	..
	2019	..	..	..	..	..	5	..
	2020	..	..	..	..	..	4	..
Netherlands	2017	240	..	..	..	..	6,919	4,141
	2018	204	..	..	..	..	6,053	3,202
	2019	132	..	..	..	..	4,759	2,365
	2020	112	..	..	..	..	6,502	3,606
Norway	2017	10,504	5,964	1,091	1,457
	2018	10,006	5,598	939	1,447
	2019	9,061	5,309	843	1,098
	2020	8,759	5,073	789	1,012

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Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Romania	2017	96	..	..	..	..	-24	66
	2018	91	..	..	..	..	-16	63
	2019	129	..	..	..	..	-30	78
	2020	123	..	..	..	..	-27	70
Russian Federation	2017	31,862	..	..	..	..	-1	31,874
	2018	32,199	..	..	..	..	-229	31,963
	2019	33,431	..	..	..	..	-1,838	31,589
	2020	34,099	..	..	..	..	-1,709	32,386
Serbia	2017	35	..	..	..	..	40	76
	2018	34	..	..	..	..	2	36
	2019	31	..	..	..	..	31	61
	2020	32	..	..	..	..	23	54
Slovakia	2017	2	..	..	..	..	..	2
	2018	2	..	..	..	..	..	2
	2019	2	..	..	..	..	..	2
	2020	2	..	..	..	..	..	2
Slovenia	2017	0	..	..	..	..	0	..
	2018	1	..	..	..	..	-1	..
	2019	0	..	..	..	..	0	..
	2020	0	..	..	..	..	0	..
Ukraine	2017	665	..	..	..	..	109	762
	2018	669	..	..	..	..	44	704
	2019	735	..	..	..	..	1	737
	2020	735	..	..	..	..	..	746
United Kingdom	2017	3,446	1,148	..	1,232	..	65	867
	2018	3,320	883	..	1,116	..	-379	793
	2019	3,144	975	..	736	..	-365	733
	2020	3,327	1,119	..	695	..	-355	667
Latin America & Carib.	2017	32,012	11,717	108	3,086	4,978	-235	8,135
	2018	27,090	10,210	20	2,869	3,665	-251	7,308
	2019	25,755	9,752	0	2,667	3,209	-286	6,415
	2020	24,772	9,041	0	2,851	3,076	-291	5,287
Argentina	2017	3,435	1,573	..	980	..	-256	626
	2018	3,859	1,747	..	1,102	..	-263	747
	2019	4,106	1,995	..	1,074	..	-270	767
	2020	5,024	1,770	..	1,379	..	-277	750
Belize	2017	*1	1	..	..	..	..	..
	2018	*1	1	..	..	..	..	..
	2019	*1	1	..	..	..	..	..
	2020	1	1	..	..	..	..	..
Bolivia (Plur. State of)	2017	1,040	401	..	..	..	-15	573
	2018	1,029	419	..	..	..	-15	595
	2019	1,034	469	..	..	..	-16	549
	2020	977	433	..	..	..	-14	530
Brazil	2017	6,201	1,456	108	..	1,465	..	1,363
	2018	5,517	1,334	20	..	1,580	..	1,664
	2019	5,735	1,288	0	..	1,120	..	1,764
	2020	6,142	1,293	0	..	1,147	..	1,546
Chile	2017	108
	2018	224
	2019	307
	2020	285

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Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Colombia	2017	1,521	362	..	..	1,159	..	..
	2018	334	334	..	..	0	..	..
	2019	376	376	..	..	0	..	..
	2020	442	442	..	..	..	..	..
Curaçao	2017	..	36	..	..	..	36	..
	2018	..	27	..	..	..	27	..
	2019	..	0	..	..	..	0	..
	2020	..	..	..	..	..	..	..
Ecuador	2017	*184	104	..	..	70	..	10
	2018	*178	100	..	..	71	..	8
	2019	*164	91	..	..	64	..	9
	2020	*151	79	..	..	64	..	8
Mexico	2017	7,920	3,807	..	2,106	..	..	1,866
	2018	6,764	3,357	..	1,767	..	..	1,549
	2019	6,218	3,047	..	1,593	..	..	1,486
	2020	5,875	2,873	..	1,472	..	..	1,420
Peru	2017	3,570	1,275	..	..	1,771	..	..
	2018	3,362	1,210	..	..	1,537	..	..
	2019	3,411	1,262	..	..	1,534	..	..
	2020	3,350	1,273	..	..	1,487	..	..
Trinidad and Tobago	2017	921	547	..	..	406	..	..
	2018	805	454	..	..	388	..	..
	2019	801	436	..	..	408	..	..
	2020	673	360	..	..	350	..	..
Venezuela (Bolivar. Rep.)	2017	7,112	2,156	..	..	107	..	3,698
	2018	5,017	1,228	..	..	89	..	2,744
	2019	3,601	787	..	..	83	..	1,840
	2020	1,852	517	..	..	27	..	1,033
Northern America	2017	123,197	45,564	..	30,890	3,075	-9,888	19,070
	2018	140,659	52,545	..	37,116	3,221	-11,502	19,401
	2019	155,114	61,544	..	39,621	4,150	-12,179	19,104
	2020	163,441	66,835	..	42,973	3,556	-11,308	17,513
Canada	2017	15,946	..	..	..	..	-3,348	1,400
	2018	17,550	..	..	..	..	-4,300	1,700
	2019	18,587	..	..	..	..	-5,432	2,440
	2020	18,042	..	..	..	..	-3,724	2,426
United States	2017	107,251	45,564	..	30,890	3,075	-6,540	17,670
	2018	123,109	52,545	..	37,116	3,221	-7,202	17,701
	2019	136,527	61,544	..	39,621	4,150	-6,748	16,664
	2020	145,399	66,835	..	42,973	3,556	-7,584	15,086
Oceania	2017	1,722	1,717	..	..	..	-2	..
	2018	1,656	1,595	..	..	..	..	..
	2019	2,227	2,227	..	..	..	..	..
	2020	3,185	3,185	..	..	..	..	..
Australia	2017	1,536	1,536	..	..	..	..	..
	2018	1,472	1,411	..	..	..	..	..
	2019	2,055	2,055	..	..	..	..	..
	2020	3,016	3,016	..	..	..	..	..
New Zealand	2017	186	181	..	..	..	-2	..
	2018	184	184	..	..	..	..	..
	2019	172	172	..	..	..	..	..
	2020	169	169	..	..	..	..	..