

### Production of natural gas liquids – by end use

Thousand metric tons

#### Table Notes

**Production** refers to production of natural gas liquids.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

**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.

Figure 66: Production of natural gas liquids by region, 1990-2014

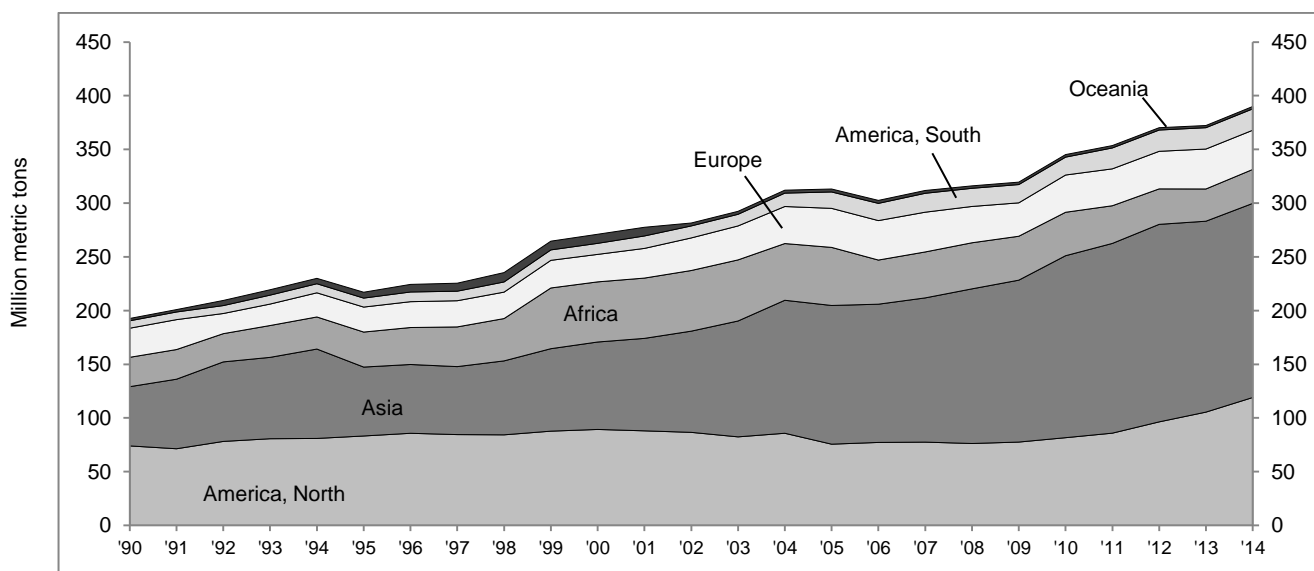


Figure 67: Production of natural gas liquids by end-use product, 2014

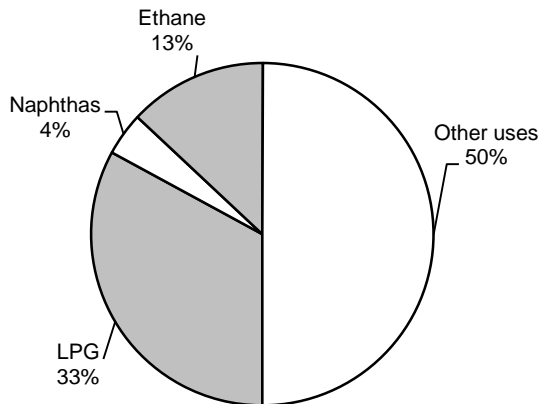


Table 26

## 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		
<b>World</b>	<b>2011</b>	<b>353,611</b>	<b>114,787</b>	<b>14,490</b>	<b>46,891</b>	<b>6,462</b>	<b>-43,618</b>	<b>105,150</b>
	<b>2012</b>	<b>370,259</b>	<b>120,079</b>	<b>16,213</b>	<b>48,848</b>	<b>7,456</b>	<b>-57,289</b>	<b>98,022</b>
	<b>2013</b>	<b>372,291</b>	<b>124,947</b>	<b>16,980</b>	<b>51,352</b>	<b>7,590</b>	<b>-56,490</b>	<b>100,953</b>
	<b>2014</b>	<b>390,022</b>	<b>128,388</b>	<b>15,859</b>	<b>50,991</b>	<b>7,425</b>	<b>-65,179</b>	<b>96,352</b>
<b>Africa</b>	<b>2011</b>	<b>35,075</b>	<b>9,914</b>	<b>630</b>	<b>0</b>	<b>..</b>	<b>-15,162</b>	<b>9,361</b>
	<b>2012</b>	<b>33,027</b>	<b>9,506</b>	<b>701</b>	<b>27</b>	<b>..</b>	<b>-17,720</b>	<b>4,911</b>
	<b>2013</b>	<b>30,013</b>	<b>9,505</b>	<b>1,196</b>	<b>0</b>	<b>..</b>	<b>-15,918</b>	<b>3,288</b>
	<b>2014</b>	<b>31,599</b>	<b>10,646</b>	<b>439</b>	<b>0</b>	<b>..</b>	<b>-15,342</b>	<b>5,239</b>
Algeria	2011	17,746	7,497	196	0	..	-5,946	4,146
	2012	16,474	6,959	166	27	..	-5,105	4,118
	2013	15,656	6,887	171	0	..	-5,416	3,115
	2014	18,318	8,372	168	0	..	-4,805	5,067
Angola	2011	566	566	..	..	..	..	..
	2012	568	568	..	..	..	..	..
	2013	677	677	..	..	..	..	..
	2014	520	520	..	..	..	..	..
Congo	2011	308	..	..	..	..	-265	17
	2012	517	..	..	..	..	-492	25
	2013	601	..	..	..	..	-575	26
	2014	730	..	..	..	..	-705	25
Côte d'Ivoire	2011	..	..	..	..	..	..	..
	2012	12	12	..	..	..	..	..
	2013	0	0	..	..	..	..	..
	2014	2	2	..	..	..	..	..
Egypt	2011	6,464	1,475	..	..	..	..	5,002
	2012	2,077	1,481	..	..	..	..	571
	2013	*1,542	1,542	..	..	..	..	0
	2014	1,320	1,320	..	..	..	..	0
Libya	2011	1,814	250	434	..	..	-1,130	..
	2012	4,624	353	535	..	..	-3,736	..
	2013	3,541	256	1,025	..	..	-2,260	..
	2014	2,154	292	271	..	..	-1,591	..
South Africa	2011	196	..	..	..	..	..	196
	2012	197	..	..	..	..	..	197
	2013	147	..	..	..	..	..	147
	2014	147	..	..	..	..	..	147
Tunisia	2011	200	126	..	..	..	-40	..
	2012	231	133	..	..	..	-60	..
	2013	272	143	..	..	..	-90	..
	2014	245	140	..	..	..	-78	..
<b>America, North</b>	<b>2011</b>	<b>85,890</b>	<b>27,627</b>	<b>..</b>	<b>22,367</b>	<b>2,054</b>	<b>-3,380</b>	<b>19,936</b>
	<b>2012</b>	<b>96,399</b>	<b>29,615</b>	<b>..</b>	<b>23,839</b>	<b>2,582</b>	<b>-8,772</b>	<b>21,688</b>
	<b>2013</b>	<b>105,485</b>	<b>36,824</b>	<b>..</b>	<b>23,422</b>	<b>2,295</b>	<b>-11,957</b>	<b>21,271</b>
	<b>2014</b>	<b>119,086</b>	<b>35,228</b>	<b>..</b>	<b>25,329</b>	<b>1,753</b>	<b>-20,007</b>	<b>20,490</b>
Belize	2011	*2	2	..	..	..	..	..
	2012	*1	1	..	..	..	..	..
	2013	*1	1	..	..	..	..	..
	2014	*1	1	..	..	..	..	..
Canada	2011	12,769	..	..	..	..	-2,177	1,435
	2012	13,022	..	..	..	..	-2,616	2,291
	2013	13,544	..	..	..	..	-1,736	2,599
	2014	13,663	..	..	..	..	-1,497	1,510

## 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		
Curaçao	2011	..	..	..	..	..	..	..
	2012	..	..	..	..	..	12	..
	2013	..	..	..	..	..	36	..
	2014	..	..	..	..	..	44	..
Mexico	2011	10,927	5,700	..	2,505	..	..	2,612
	2012	10,371	5,304	..	2,401	1	..	2,438
	2013	10,225	5,366	..	2,264	0	..	2,393
	2014	10,217	5,178	..	2,394	..	..	2,416
Trinidad and Tobago	2011	1,506	892	..	..	667	..	..
	2012	1,210	696	..	..	565	..	..
	2013	1,180	671	..	..	561	..	..
	2014	1,126	647	..	..	526	..	..
United States	2011	60,686	21,033	..	19,862	1,387	-1,203	15,889
	2012	71,795	23,614	..	21,438	2,016	-6,168	16,959
	2013	80,535	30,786	..	21,158	1,734	-10,257	16,279
	2014	94,079	29,402	..	22,935	1,227	-18,554	16,564
<b>America, South</b>	<b>2011</b>	<b>19,480</b>	<b>9,299</b>	<b>..</b>	<b>1,019</b>	<b>3,148</b>	<b>1</b>	<b>2,607</b>
	<b>2012</b>	<b>19,827</b>	<b>10,046</b>	<b>..</b>	<b>1,048</b>	<b>3,317</b>	<b>-9</b>	<b>1,887</b>
	<b>2013</b>	<b>19,869</b>	<b>10,354</b>	<b>..</b>	<b>1,046</b>	<b>3,443</b>	<b>-15</b>	<b>1,624</b>
	<b>2014</b>	<b>19,895</b>	<b>10,444</b>	<b>..</b>	<b>1,131</b>	<b>3,948</b>	<b>-15</b>	<b>1,027</b>
Argentina	2011	3,004	1,521	..	1,019	292	..	82
	2012	3,162	1,778	..	1,048	177	..	69
	2013	2,839	*1,681	..	1,046	0	..	61
	2014	2,934	1,533	..	1,131	..	..	60
Bolivia (Plur. State of)	2011	242	242	..	..	..	..	..
	2012	243	243	..	..	..	..	..
	2013	270	270	..	..	..	..	..
	2014	312	312	..	..	..	..	..
Brazil	2011	4,658	821	..	..	828	..	..
	2012	5,251	934	..	..	1,087	..	..
	2013	5,247	1,054	..	..	978	..	..
	2014	5,636	1,189	..	..	1,577	..	..
Chile	2011	316	..	..	..	..	..	..
	2012	199	..	..	..	..	..	..
	2013	160	..	..	..	..	..	..
	2014	153	..	..	..	..	..	..
Colombia	2011	96	*39	..	..	*62	1	..
	2012	*124	*39	..	..	76	-9	..
	2013	89	34	..	..	86	-15	..
	2014	*142	34	..	..	93	*-15	..
Ecuador	2011	*161	116	..	..	45	..	..
	2012	*168	123	..	..	46	..	..
	2013	*219	157	..	..	62	..	..
	2014	*209	149	..	..	60	..	..
Peru	2011	3,137	1,219	..	..	1,921	..	..
	2012	3,265	1,332	..	..	1,931	..	..
	2013	3,946	1,622	..	..	2,317	..	..
	2014	3,901	1,586	..	..	2,218	..	..
Venezuela (Bolivar. Rep.)	2011	7,866	5,341	..	..	..	..	2,525
	2012	7,415	5,597	..	..	..	..	1,818
	2013	7,099	5,536	..	..	..	..	1,563
	2014	6,608	5,641	..	..	..	..	967

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		
<b>Asia</b>	<b>2011</b>	<b>176,643</b>	<b>59,114</b>	<b>11,775</b>	<b>21,524</b>	<b>134</b>	<b>-31,120</b>	<b>48,160</b>
	<b>2012</b>	<b>183,890</b>	<b>62,398</b>	<b>13,093</b>	<b>21,785</b>	<b>130</b>	<b>-37,479</b>	<b>43,550</b>
	<b>2013</b>	<b>177,730</b>	<b>59,888</b>	<b>13,406</b>	<b>24,519</b>	<b>171</b>	<b>-36,639</b>	<b>45,496</b>
	<b>2014</b>	<b>180,717</b>	<b>63,332</b>	<b>14,022</b>	<b>21,883</b>	<b>106</b>	<b>-39,272</b>	<b>39,692</b>
Azerbaijan	2011	2,245	..	..	..	..	-1,760	421
	2012	2,411	..	..	..	..	-2,028	332
	2013	2,781	..	..	..	..	-2,447	284
	2014	2,680	..	..	..	..	-2,324	262
Bahrain	2011	378	..	..	..	..	-394	..
	2012	368	..	..	..	..	-369	..
	2013	336	..	..	..	..	-320	..
	2014	357	..	..	..	..	-354	..
Bangladesh	2011	237	6	..	..	82	-39	96
	2012	234	8	..	..	86	-11	111
	2013	249	8	..	..	138	..	82
	2014	246	9	..	..	71	..	76
Brunei Darussalam	2011	544	15	..	..	..	-402	125
	2012	572	16	..	..	..	-420	139
	2013	583	16	..	..	..	-412	161
	2014	538	16	..	..	..	-408	117
China, Macao SAR	2011	..	..	..	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	44	..
India	2011	4,641	2,214	..	..	..	..	..
	2012	4,517	2,130	..	..	..	..	..
	2013	4,301	2,140	1,468	..	..	..	..
	2014	*3,245	1,887	1,358	..	..	..	..
Indonesia	2011	*4,500	1,581	..	..	..	*-2,693	*26
	2012	*4,666	1,831	..	..	..	*-2,909	..
	2013	4,320	1,824	..	..	..	-2,567	..
	2014	4,670	2,381	..	..	..	-1,968	*321
Iran (Islamic Rep. of)	2011	18,417	1,823	..	5,180	..	-8,889	1,019
	2012	18,234	1,794	..	4,220	..	-8,492	1,305
	2013	19,135	1,938	..	7,814	..	-9,038	1,640
	2014	22,272	5,169	..	4,884	..	-9,581	1,501
Iraq	2011	1,427	1,112	..	..	..	..	315
	2012	1,573	1,226	..	..	..	..	347
	2013	1,341	1,045	..	..	..	..	296
	2014	731	570	..	..	..	..	161
Japan	2011	386	..	..	..	..	8,817	8,854
	2012	342	..	..	..	..	8,443	8,412
	2013	289	..	..	..	..	9,882	9,886
	2014	261	..	..	..	..	6,665	6,703
Kazakhstan	2011	12,296	1,217	..	..	..	*-11,079	..
	2012	12,749	1,313	..	..	..	*-11,436	..
	2013	12,303	1,321	..	..	..	*-10,982	..
	2014	12,918	1,433	..	..	..	*-11,485	..
Kuwait	2011	6,224	4,289	..	1,935	..	..	..
	2012	6,692	4,757	..	1,935	..	..	..
	2013	6,555	4,491	..	1,935	..	..	..
	2014	6,333	4,398	..	1,935	..	..	..

## 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		
Malaysia	2011	2,434	2,434	..	..	..	..	
	2012	2,080	2,080	..	..	..	..	
	2013	1,237	1,237	..	..	..	..	
	2014	1,649	1,237	..	..	..	..	
Myanmar	2011	8	7	5	..	4	4	
	2012	8	8	4	..	4	2	
	2013	8	0	3	..	..	2	
	2014	10	4	4	..	..	1	
Oman	2011	251	251	..	..	..	..	
	2012	251	251	..	..	..	..	
	2013	268	268	..	..	..	..	
	2014	246	246	..	..	..	..	
Pakistan	2011	217	217	..	..	..	..	
	2012	218	218	..	..	..	..	
	2013	265	265	..	..	..	..	
	2014	253	253	..	..	..	..	
Qatar	2011	37,533	10,017	..	1,023	..	-17,385	9,108
	2012	39,701	10,463	..	1,025	..	-18,625	9,588
	2013	39,872	10,521	..	1,016	..	-19,508	8,827
	2014	39,487	10,605	..	1,397	..	-18,951	8,534
Saudi Arabia	2011	56,080	24,974	9,233	10,914	..	-1,524	9,435
	2012	58,716	26,828	10,455	11,796	..	-1,019	8,618
	2013	55,466	25,078	9,200	10,976	..	-671	9,541
	2014	56,893	25,931	10,224	10,914	..	-212	9,612
Singapore	2011	..	..	..	..	..	*4,819	*4,819
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
Syrian Arab Republic	2011	323	323	..	..	..	..	..
	2012	238	238	..	..	..	..	..
	2013	133	133	..	..	..	..	..
	2014	95	95	..	..	..	..	..
Thailand	2011	5,758	3,427	..	1,798	..	-107	..
	2012	6,431	3,716	..	2,109	..	-158	..
	2013	6,192	3,524	..	2,074	..	-170	..
	2014	6,375	3,651	..	2,106	..	-211	..
Turkmenistan	2011	775	392	..	..	..	..	383
	2012	808	454	..	..	..	..	354
	2013	918	728	..	..	..	..	190
	2014	937	634	..	..	..	..	303
United Arab Emirates	2011	20,655	4,037	2,537	674	..	..	13,559
	2012	21,708	4,191	2,634	700	..	..	14,344
	2013	19,737	*4,351	*2,735	704	..	..	14,589
	2014	19,063	3,878	2,436	647	..	..	12,102
Viet Nam	2011	293	245	..	..	48	..	..
	2012	306	266	..	..	40	..	..
	2013	325	292	..	..	33	..	..
	2014	341	306	..	..	35	..	..
Yemen	2011	533	533	..	..	..	..	..
	2012	610	610	..	..	..	..	..
	2013	708	708	..	..	..	..	..
	2014	629	629	..	..	..	..	..

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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		
<b>Europe</b>	<b>2011</b>	<b>34,357</b>	<b>6,682</b>	<b>2,085</b>	<b>1,981</b>	<b>1,126</b>	<b>6,057</b>	<b>25,086</b>
	<b>2012</b>	<b>34,964</b>	<b>6,375</b>	<b>2,419</b>	<b>2,149</b>	<b>1,427</b>	<b>6,698</b>	<b>25,986</b>
	<b>2013</b>	<b>37,182</b>	<b>6,373</b>	<b>2,378</b>	<b>2,365</b>	<b>1,681</b>	<b>8,048</b>	<b>29,274</b>
	<b>2014</b>	<b>36,519</b>	<b>6,541</b>	<b>1,398</b>	<b>2,648</b>	<b>1,618</b>	<b>9,464</b>	<b>29,904</b>
Austria	2011	120	..	..	..	..	113	194
	2012	80	..	..	..	..	44	124
	2013	30	..	..	..	..	51	81
	2014	23	..	..	..	..	152	175
Belgium	2011	..	..	..	..	..	115	114
	2012	..	..	..	..	..	0	1
	2013	..	..	..	..	..	360	333
	2014	..	..	..	..	..	544	242
Croatia	2011	104	52	..	29	..	..	23
	2012	65	42	..	0	..	..	23
	2013	61	41	..	0	..	..	20
	2014	54	36	..	0	..	..	18
Finland	2011	..	..	..	..	..	568	740
	2012	..	..	..	..	..	845	863
	2013	..	..	..	..	..	688	780
	2014	..	..	..	..	..	641	652
France	2011	28	..	..	..	2	0	0
	2012	27	..	..	..	27	0	0
	2013	19	..	..	..	77	321	105
	2014	0	..	..	..	0	407	9
Hungary	2011	287	226	..	..	..	93	146
	2012	309	208	..	..	..	110	185
	2013	272	243	..	..	..	116	128
	2014	244	203	..	..	..	106	121
Netherlands	2011	383	..	..	..	..	7,917	3,954
	2012	356	..	..	..	..	7,792	4,119
	2013	397	..	..	..	..	7,624	3,861
	2014	369	..	..	..	..	6,788	2,754
Norway	2011	8,477	5,274	2,085	1,118	..	..	0
	2012	9,082	5,297	2,419	1,366	..	..	0
	2013	8,982	5,082	2,378	1,522	..	..	0
	2014	9,517	5,409	1,398	1,705	..	..	1,005
Romania	2011	147	..	..	..	..	..	150
	2012	122	..	..	..	..	..	114
	2013	88	..	..	..	..	..	83
	2014	89	..	..	..	..	..	84
Russian Federation	2011	20,451	..	..	..	..	-2,631	17,825
	2012	21,322	..	..	..	..	-2,409	18,892
	2013	24,205	..	..	..	..	-2,075	22,125
	2014	23,034	..	..	..	..	129	23,155
Serbia	2011	31	..	..	..	..	8	39
	2012	34	..	..	..	..	5	39
	2013	36	..	..	..	..	66	103
	2014	36	..	..	..	..	60	96
Slovakia	2011	3	..	..	..	..	..	3
	2012	4	..	..	..	..	..	4
	2013	3	..	..	..	..	..	3
	2014	3	..	..	..	..	..	3

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Thousand metric tons

Country or area	Year	Total production	End-use products				Net imports	Inputs of NGLs to refineries
			LPG	Naphthas	Ethane	Other products		
Ukraine	2011	925	..	..	..	..	0	873
	2012	1,055	..	..	..	..	25	872
	2013	899	..	..	..	..	32	782
	2014	697	..	..	..	..	..	703
United Kingdom	2011	3,401	1,130	..	834	1,124	-126	1,025
	2012	2,508	828	..	783	1,400	286	750
	2013	2,190	1,007	..	843	1,604	865	870
	2014	2,453	893	..	943	1,618	637	887
<b>Oceania</b>	<b>2011</b>	<b>2,166</b>	<b>2,150</b>	..	..	..	<b>-14</b>	..
	<b>2012</b>	<b>2,152</b>	<b>2,139</b>	..	..	..	<b>-7</b>	..
	<b>2013</b>	<b>2,012</b>	<b>2,002</b>	..	..	..	<b>-9</b>	..
	<b>2014</b>	<b>2,206</b>	<b>2,197</b>	..	..	..	<b>-7</b>	..
Australia	2011	2,002	2,002	..	..	..	..	..
	2012	1,973	1,973	..	..	..	..	..
	2013	1,825	1,825	..	..	..	..	..
	2014	1,987	1,987	..	..	..	..	..
New Zealand	2011	164	148	..	..	..	-14	..
	2012	179	166	..	..	..	-7	..
	2013	187	177	..	..	..	-9	..
	2014	219	210	..	..	..	-7	..