

## Production of additives and other hydrocarbons

Thousand metric tons

### Table Notes

**Additives** production refers to any quantities of additives (as per the definition in page x) which come from non-energy sources, such as Tetraethyllead (TEL) or detergents.

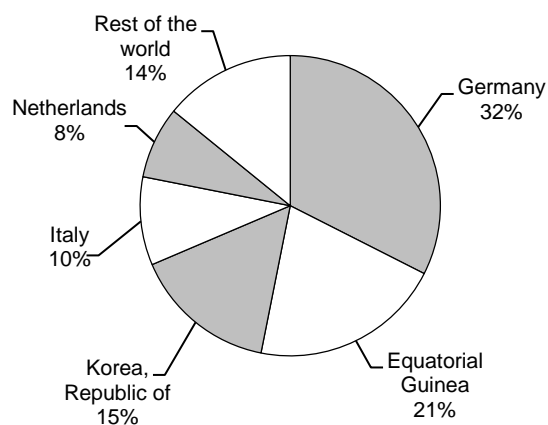
**Additives** from other sources refers to quantities of additives (as per the definition in page x) already accounted for in energy statistics, such as oxygenates from a biomass or hydrocarbon origin.

**Other hydrocarbons** production refers to quantities of other hydrocarbons which are oils obtained by non-conventional production techniques and are primary for the purposes of energy statistics.

**Other hydrocarbons** from other sources refers to the oils extracted from extra heavy oils, oil sands, coal and oil shale whose production has been already accounted for in energy statistics, together with the output of GTL 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 41: Major additives producing countries, 2018**



**Figure 42: Major other hydrocarbons producing countries, 2018**

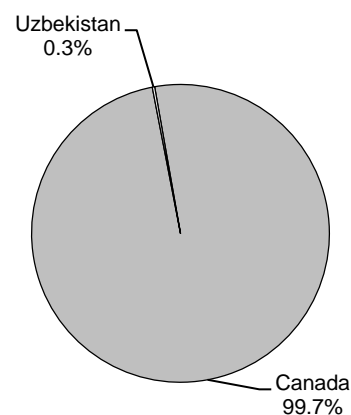


Table 14

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
<b>World</b>	<b>2015</b>	<b>4,055</b>	<b>3,143</b>	<b>61,808</b>	<b>30,099</b>
	<b>2016</b>	<b>4,415</b>	<b>3,079</b>	<b>46,994</b>	<b>29,899</b>
	<b>2017</b>	<b>4,545</b>	<b>2,803</b>	<b>57,114</b>	<b>29,799</b>
	<b>2018</b>	<b>4,836</b>	<b>2,797</b>	<b>55,944</b>	<b>28,853</b>
<b>Africa</b>	<b>2015</b>	<b>815</b>	<b>..</b>	<b>..</b>	<b>5,522</b>
	<b>2016</b>	<b>1,069</b>	<b>..</b>	<b>..</b>	<b>4,455</b>
	<b>2017</b>	<b>1,083</b>	<b>..</b>	<b>..</b>	<b>4,680</b>
	<b>2018</b>	<b>999</b>	<b>..</b>	<b>..</b>	<b>5,035</b>
Equatorial Guinea	2015	815	..	..	..
	2016	1,069	..	..	..
	2017	1,083	..	..	..
	2018	999	..	..	..
Nigeria	2015	..	..	..	200
	2016	..	..	..	201
	2017	..	..	..	200
	2018	..	..	..	200
South Africa	2015	..	..	..	5,322
	2016	..	..	..	4,254
	2017	..	..	..	4,480
	2018	..	..	..	4,835
<b>America, North</b>	<b>2015</b>	<b>321</b>	<b>2,889</b>	<b>53,192</b>	<b>7,375</b>
	<b>2016</b>	<b>274</b>	<b>2,775</b>	<b>46,863</b>	<b>7,230</b>
	<b>2017</b>	<b>197</b>	<b>2,550</b>	<b>56,975</b>	<b>7,225</b>
	<b>2018</b>	<b>240</b>	<b>2,587</b>	<b>55,799</b>	<b>7,912</b>
Canada	2015	..	373	53,192	3,364
	2016	..	..	46,863	3,129
	2017	..	..	56,975	3,037
	2018	..	..	55,799	3,728
Mexico	2015	321	..	..	62
	2016	274	..	..	37
	2017	197	..	..	33
	2018	240	..	..	36
United States	2015	..	2,516	..	3,949
	2016	..	2,775	..	4,064
	2017	..	2,550	..	4,155
	2018	..	2,587	..	4,148
<b>America, South</b>	<b>2015</b>	<b>..</b>	<b>..</b>	<b>8,442</b>	<b>..</b>
	<b>2016</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>451</b>
	<b>2017</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>518</b>
	<b>2018</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>329</b>
Brazil	2015	..	..	8,442	..
	2016	..	..	..	451
	2017	..	..	..	472
	2018	..	..	..	283
Chile	2015	..	..	..	..
	2016	..	..	..	..
	2017	..	..	..	46
	2018	..	..	..	46
<b>Asia</b>	<b>2015</b>	<b>642</b>	<b>..</b>	<b>137</b>	<b>9,218</b>
	<b>2016</b>	<b>674</b>	<b>..</b>	<b>131</b>	<b>10,288</b>
	<b>2017</b>	<b>688</b>	<b>..</b>	<b>139</b>	<b>12,478</b>
	<b>2018</b>	<b>748</b>	<b>..</b>	<b>145</b>	<b>10,134</b>

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
China	2015	..	..	..	2,494
	2016	..	..	..	3,978
	2017	..	..	..	7,044
	2018	..	..	..	5,815
Israel	2015	..	..	..	112
	2016	..	..	..	99
	2017	..	..	..	114
	2018	..	..	..	98
Korea, Republic of	2015	642	..	..	..
	2016	674	..	..	..
	2017	688	..	..	..
	2018	748	..	..	..
Malaysia	2015	..	..	..	407
	2016	..	..	..	569
	2017	..	..	..	509
	2018	..	..	..	*531
Qatar	2015	..	..	..	5,788
	2016	..	..	..	5,180
	2017	..	..	..	4,319
	2018	..	..	..	3,173
Turkey	2015	..	..	..	417
	2016	..	..	..	462
	2017	..	..	..	492
	2018	..	..	..	517
Uzbekistan	2015	..	..	137	..
	2016	..	..	131	..
	2017	..	..	139	..
	2018	..	..	145	..
<b>Europe</b>	<b>2015</b>	<b>2,277</b>	<b>254</b>	<b>37</b>	<b>7,903</b>
	<b>2016</b>	<b>2,398</b>	<b>304</b>	<b>0</b>	<b>7,343</b>
	<b>2017</b>	<b>2,577</b>	<b>253</b>	<b>0</b>	<b>4,898</b>
	<b>2018</b>	<b>2,849</b>	<b>210</b>	<b>..</b>	<b>5,443</b>
Belarus	2015	..	22	..	..
	2016	..	20	..	..
	2017	..	20	..	..
	2018	..	..	..	..
Belgium	2015	..	..	..	..
	2016	..	..	..	..
	2017	..	..	..	..
	2018	..	..	..	34
Bulgaria	2015	..	..	..	99
	2016	..	..	..	169
	2017	..	..	..	188
	2018	..	9	..	152
Croatia	2015	..	..	..	60
	2016	..	..	..	71
	2017	..	..	..	67
	2018	..	..	..	75
Czechia	2015	81	7	..	..
	2016	70	5	..	..
	2017	105	18	..	..
	2018	89	23	..	..

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Estonia	2015	..	..	..	854
	2016	..	..	..	724
	2017	..	..	..	1,016
	2018	..	..	..	1,111
Finland	2015	..	..	..	210
	2016	..	..	..	229
	2017	..	..	..	208
	2018	..	..	..	183
France	2015	228	..	..	..
	2016	177	..	..	..
	2017	206	..	..	..
	2018	139	..	..	..
Germany	2015	1,215	..	..	..
	2016	1,344	..	..	..
	2017	1,444	..	..	..
	2018	1,570	..	..	..
Hungary	2015	..	0	6	37
	2016	14	0	0	33
	2017	50	..	..	33
	2018	53	..	..	40
Ireland	2015	..	..	..	39
	2016	..	..	..	48
	2017	..	..	..	40
	2018	..	..	..	36
Italy	2015	360	..	..	..
	2016	320	..	..	..
	2017	360	..	..	..
	2018	460	..	..	..
Netherlands	2015	208	..	..	..
	2016	321	..	..	..
	2017	278	..	..	..
	2018	375	..	..	..
Norway	2015	74	..	..	..
	2016	85	..	..	..
	2017	68	..	..	..
	2018	70	..	..	..
Poland	2015	1	..	..	628
	2016	11	..	..	589
	2017	1	..	..	584
	2018	7	..	..	636
Portugal	2015	..	..	..	70
	2016	..	7	..	64
	2017	..	..	..	71
	2018	..	..	..	65
Romania	2015	25	..	..	77
	2016	22	..	..	89
	2017	22	..	..	74
	2018	31	..	..	66
Russian Federation	2015	..	..	..	*5,654
	2016	..	..	..	*5,160
	2017	..	..	..	2,448
	2018	..	..	..	2,886

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Serbia	2015	10	..	..	26
	2016	12	..	..	26
	2017	13	..	..	23
	2018	16	..	..	28
Slovakia	2015	..	225	..	149
	2016	..	215	..	141
	2017	..	215	..	146
	2018	..	178	..	131
Ukraine	2015	75	..	..	..
	2016	22	57	..	..
	2017	30	..	..	..
	2018	39	..	..	..
United Kingdom	2015	..	..	31	..
	2016	..	..	0	..
	2017	..	..	0	..
	2018	..	..	..	..
<b>Oceania</b>	<b>2015</b>	..	..	..	<b>81</b>
	<b>2016</b>	..	..	..	<b>132</b>
	<b>2017</b>	..	..	..	<b>0</b>
	<b>2018</b>	..	..	..	<b>0</b>
Australia	2015	..	..	..	81
	2016	..	..	..	132
	2017	..	..	..	0
	2018	..	..	..	0