

## 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.

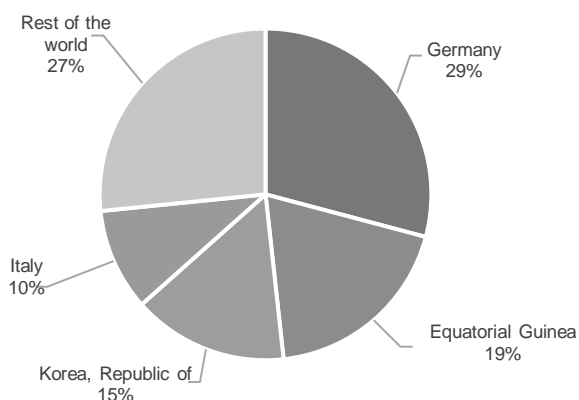
**Additives** from other sources refers to quantities of additives (as per the definition in page x) already accounted for in energy statistics, such as oxygenates from a biomass or hydrocarbon origin.

**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, 2019**



**Figure 42: Major other hydrocarbons producing countries, 2019**

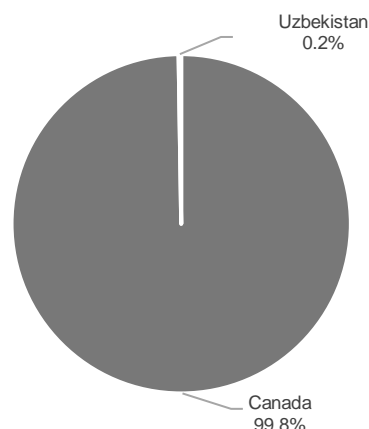


Table 14

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
<b>World</b>	<b>2016</b>	<b>4,415</b>	<b>3,059</b>	<b>46,994</b>	<b>29,899</b>
	<b>2017</b>	<b>4,729</b>	<b>2,787</b>	<b>57,114</b>	<b>29,800</b>
	<b>2018</b>	<b>5,073</b>	<b>2,884</b>	<b>55,944</b>	<b>30,539</b>
	<b>2019</b>	<b>4,878</b>	<b>3,329</b>	<b>58,598</b>	<b>35,375</b>
<b>Africa</b>	<b>2016</b>	<b>1,069</b>	..	..	<b>4,455</b>
	<b>2017</b>	<b>1,083</b>	..	..	<b>4,680</b>
	<b>2018</b>	<b>1,024</b>	..	..	<b>5,035</b>
	<b>2019</b>	<b>933</b>	..	..	<b>5,041</b>
Equatorial Guinea	2016	1,069	..	..	..
	2017	1,083	..	..	..
	2018	1,024	..	..	..
	2019	933	..	..	..
Nigeria	2016	..	..	..	201
	2017	..	..	..	200
	2018	..	..	..	200
	2019	..	..	..	200
South Africa	2016	..	..	..	4,254
	2017	..	..	..	4,480
	2018	..	..	..	4,835
	2019	..	..	..	4,840
<b>America, North</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>2,554</b>	<b>56,975</b>	<b>7,225</b>
	<b>2018</b>	<b>240</b>	<b>2,673</b>	<b>55,799</b>	<b>7,636</b>
	<b>2019</b>	<b>184</b>	<b>3,139</b>	<b>58,453</b>	<b>7,641</b>
Canada	2016	..	..	46,863	3,129
	2017	..	4	56,975	3,037
	2018	..	86	55,799	3,452
	2019	..	1	58,453	3,627
Mexico	2016	274	..	..	37
	2017	197	..	..	33
	2018	240	..	..	36
	2019	184	..	..	31
United States	2016	..	2,775	..	4,064
	2017	..	2,550	..	4,155
	2018	..	2,587	..	4,148
	2019	..	3,138	..	3,983
<b>America, South</b>	<b>2016</b>	..	..	..	<b>451</b>
	<b>2017</b>	..	..	..	<b>518</b>
	<b>2018</b>	..	..	..	<b>283</b>
	<b>2019</b>	..	..	..	<b>475</b>
Brazil	2016	..	..	..	451
	2017	..	..	..	472
	2018	..	..	..	283
	2019	..	..	..	475
Chile	2016	..	..	..	..
	2017	..	..	..	46
	2018	..	..	..	..
	2019	..	..	..	..
<b>Asia</b>	<b>2016</b>	<b>674</b>	..	<b>131</b>	<b>10,288</b>
	<b>2017</b>	<b>879</b>	..	<b>139</b>	<b>12,479</b>
	<b>2018</b>	<b>960</b>	..	<b>145</b>	<b>12,142</b>
	<b>2019</b>	<b>1,133</b>	..	<b>145</b>	<b>14,626</b>

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
China	2016	..	..	..	3,978
	2017	..	..	..	7,044
	2018	..	..	..	5,815
	2019	..	..	..	7,481
Israel	2016	..	..	..	99
	2017	..	..	..	114
	2018	..	..	..	98
	2019	..	..	..	124
Korea, Republic of	2016	674	..	..	..
	2017	688	..	..	..
	2018	748	..	..	..
	2019	741	..	..	..
Malaysia	2016	..	..	..	569
	2017	..	..	..	509
	2018	..	..	..	*531
	2019	..	..	..	549
Other Asia	2016	..	..	..	..
	2017	191	..	..	..
	2018	212	..	..	..
	2019	392	..	..	..
Qatar	2016	..	..	..	5,180
	2017	..	..	..	4,319
	2018	..	..	..	5,180
	2019	..	..	..	5,180
Turkey	2016	..	..	..	462
	2017	..	..	..	492
	2018	..	..	..	517
	2019	..	..	..	927
Turkmenistan	2016	..	..	..	..
	2017	..	..	..	..
	2018	..	..	..	..
	2019	..	..	..	365
Uzbekistan	2016	..	..	131	..
	2017	..	..	139	..
	2018	..	..	145	..
	2019	..	..	145	..
<b>Europe</b>	<b>2016</b>	<b>2,398</b>	<b>284</b>	<b>0</b>	<b>7,343</b>
	<b>2017</b>	<b>2,570</b>	<b>233</b>	<b>0</b>	<b>4,897</b>
	<b>2018</b>	<b>2,849</b>	<b>210</b>	<b>..</b>	<b>5,442</b>
	<b>2019</b>	<b>2,628</b>	<b>190</b>	<b>..</b>	<b>7,592</b>
Belgium	2016	..	..	..	..
	2017	..	..	..	..
	2018	..	..	..	34
	2019	..	..	..	53
Bulgaria	2016	..	..	..	169
	2017	..	..	..	188
	2018	..	9	..	152
	2019	..	4	..	183
Croatia	2016	..	..	..	71
	2017	..	..	..	67
	2018	..	..	..	75
	2019	..	..	..	54

Table 14

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Czechia	2016	70	5	..	..
	2017	105	18	..	..
	2018	89	23	..	..
	2019	82	31	..	..
Estonia	2016	..	..	..	724
	2017	..	..	..	1,016
	2018	..	..	..	1,111
	2019	..	..	..	1,159
Finland	2016	..	..	..	229
	2017	..	..	..	208
	2018	..	..	..	183
	2019	..	..	..	240
France	2016	177	..	..	..
	2017	206	..	..	..
	2018	139	..	..	..
	2019	240	..	..	..
Germany	2016	1,344	..	..	..
	2017	1,444	..	..	..
	2018	1,570	..	..	..
	2019	1,421	..	..	..
Hungary	2016	14	0	0	33
	2017	43	..	..	33
	2018	53	..	..	40
	2019	46	..	..	39
Ireland	2016	..	..	..	48
	2017	..	..	..	40
	2018	..	..	..	36
	2019	..	..	..	39
Italy	2016	320	..	..	..
	2017	360	..	..	..
	2018	460	..	..	..
	2019	486	..	..	..
Netherlands	2016	321	..	..	..
	2017	278	..	..	..
	2018	375	..	..	..
	2019	233	..	..	..
Norway	2016	85	..	..	..
	2017	68	..	..	..
	2018	70	..	..	..
	2019	36	..	..	..
Poland	2016	11	..	..	589
	2017	1	..	..	584
	2018	7	..	..	636
	2019	22	..	..	592
Portugal	2016	..	7	..	64
	2017	..	..	..	71
	2018	..	..	..	65
	2019	..	..	..	66
Romania	2016	22	..	..	89
	2017	22	..	..	74
	2018	31	..	..	66
	2019	35	..	..	77

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Russian Federation	2016	..	..	..	*5,160
	2017	..	..	..	2,448
	2018	..	..	..	2,886
	2019	..	..	..	*4,749
Serbia	2016	12	..	..	26
	2017	13	..	..	23
	2018	16	..	..	28
	2019	12	..	..	28
Slovakia	2016	..	215	..	141
	2017	..	215	..	146
	2018	..	178	..	131
	2019	..	155	..	129
Sweden	2016	..	..	..	..
	2017	..	..	..	..
	2018	..	..	..	..
	2019	..	..	..	184
Ukraine	2016	22	57	..	..
	2017	30	..	..	..
	2018	39	..	..	..
	2019	15	..	..	..
<b>Oceania</b>	<b>2016</b>	..	..	..	<b>132</b>
	<b>2017</b>	..	..	..	<b>0</b>
	<b>2018</b>	..	..	..	<b>0</b>
	<b>2019</b>	..	..	..	<b>0</b>
Australia	2016	..	..	..	132
	2017	..	..	..	0
	2018	..	..	..	0
	2019	..	..	..	0