

## 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.

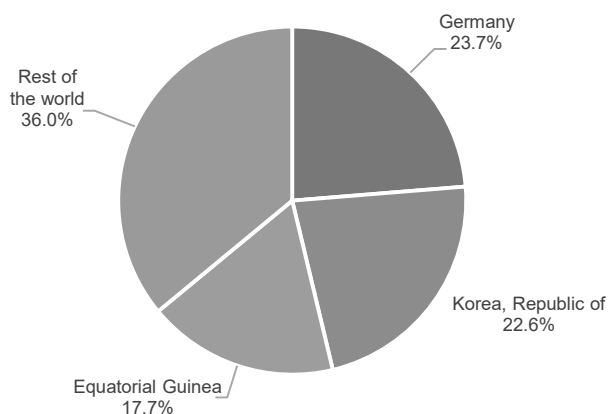
**Additives** from other sources refers to quantities of additives (as per the definition in page x) already accounted for in energy statistics, such as oxygenates from a biomass or hydrocarbon origin.

**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 44: Major additives producing countries, 2022**



**Figure 45: Major other hydrocarbons producing countries, 2022**

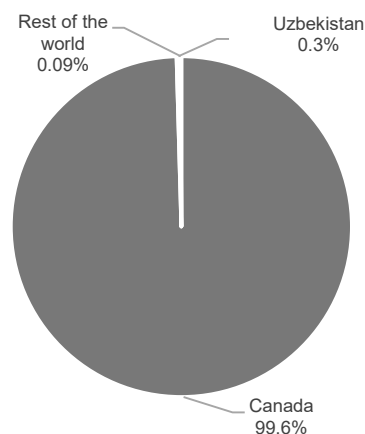


Table 15

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
<b>World</b>	<b>2019</b>	<b>4,959</b>	<b>3,328</b>	<b>64,493</b>	<b>36,701</b>
	<b>2020</b>	<b>4,700</b>	<b>199</b>	<b>64,176</b>	<b>36,579</b>
	<b>2021</b>	<b>5,135</b>	<b>237</b>	<b>65,913</b>	<b>39,277</b>
	<b>2022</b>	<b>5,197</b>	<b>227</b>	<b>66,941</b>	<b>39,299</b>
<b>Africa</b>	<b>2019</b>	<b>933</b>	<b>..</b>	<b>..</b>	<b>5,336</b>
	<b>2020</b>	<b>737</b>	<b>..</b>	<b>..</b>	<b>5,059</b>
	<b>2021</b>	<b>921</b>	<b>..</b>	<b>..</b>	<b>4,699</b>
	<b>2022</b>	<b>922</b>	<b>..</b>	<b>..</b>	<b>4,365</b>
Equatorial Guinea	2019	933	..	..	..
	2020	737	..	..	..
	2021	921	..	..	..
	2022	922	..	..	..
Nigeria	2019	..	..	..	200
	2020	..	..	..	201
	2021	..	..	..	200
	2022	..	..	..	200
South Africa	2019	..	..	..	5,135
	2020	..	..	..	4,858
	2021	..	..	..	4,499
	2022	..	..	..	4,165
<b>Asia</b>	<b>2019</b>	<b>1,176</b>	<b>..</b>	<b>145</b>	<b>16,103</b>
	<b>2020</b>	<b>1,406</b>	<b>..</b>	<b>127</b>	<b>15,802</b>
	<b>2021</b>	<b>1,766</b>	<b>..</b>	<b>131</b>	<b>18,725</b>
	<b>2022</b>	<b>1,866</b>	<b>..</b>	<b>234</b>	<b>19,475</b>
China	2019	..	..	..	9,042
	2020	..	..	..	8,505
	2021	..	..	..	10,454
	2022	..	..	..	11,499
Israel	2019	..	..	..	124
	2020	..	..	..	83
	2021	..	..	..	105
	2022	..	..	..	103
Kazakhstan	2019	..	..	..	..
	2020	..	..	..	..
	2021	21	..	..	..
	2022	56	..	..	..
Korea, Republic of	2019	741	..	..	..
	2020	912	..	..	..
	2021	1,075	..	..	..
	2022	1,173	..	..	..
Malaysia	2019	..	..	..	445
	2020	..	..	..	481
	2021	..	..	..	565
	2022	..	..	..	472
Other Asia	2019	436	..	..	..
	2020	494	..	..	..
	2021	670	..	..	..
	2022	638	..	..	..
Qatar	2019	..	..	..	5,180
	2020	..	..	..	5,180
	2021	..	..	..	5,524
	2022	..	..	..	5,524

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Türkiye	2019	..	..	..	927
	2020	..	..	..	826
	2021	..	..	..	993
	2022	..	..	..	878
Turkmenistan	2019	..	..	..	385
	2020	..	..	..	727
	2021	..	..	..	727
	2022	..	..	..	727
Uzbekistan	2019	..	..	145	..
	2020	..	..	127	..
	2021	..	..	131	358
	2022	..	..	234	273
<b>Europe</b>	<b>2019</b>	<b>2,666</b>	<b>190</b>	<b>..</b>	<b>7,635</b>
	<b>2020</b>	<b>2,386</b>	<b>199</b>	<b>30</b>	<b>7,620</b>
	<b>2021</b>	<b>2,224</b>	<b>237</b>	<b>74</b>	<b>7,425</b>
	<b>2022</b>	<b>2,183</b>	<b>227</b>	<b>59</b>	<b>6,919</b>
Belgium	2019	..	..	..	53
	2020	..	..	..	51
	2021	..	..	..	39
	2022	..	..	..	37
Bulgaria	2019	..	4	..	183
	2020	..	2	..	167
	2021	..	2	..	136
	2022	4	5	..	162
Croatia	2019	..	..	..	54
	2020	..	..	..	53
	2021	..	..	..	49
	2022	..	..	..	44
Czechia	2019	82	31	..	..
	2020	3	36	..	..
	2021	3	40	..	..
	2022	2	39	..	..
Estonia	2019	..	..	..	1,159
	2020	..	..	..	1,158
	2021	..	..	..	1,202
	2022	..	..	..	997
Finland	2019	..	..	..	283
	2020	..	..	..	249
	2021	..	..	..	239
	2022	..	..	..	103
France	2019	239	..	..	..
	2020	169	..	..	..
	2021	206	..	..	..
	2022	217	..	..	..
Germany	2019	1,421	..	..	..
	2020	1,328	..	..	..
	2021	1,261	..	..	..
	2022	1,232	..	..	..
Hungary	2019	46	..	..	39
	2020	44	..	..	40
	2021	38	..	..	36
	2022	27	..	..	32

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Ireland	2019	..	..	..	39
	2020	..	..	..	39
	2021	..	..	..	29
	2022	..	..	..	15
Italy	2019	486	..	..	..
	2020	486	..	30	..
	2021	347	..	74	..
	2022	339	..	59	..
Netherlands (Kingd. of the)	2019	233	..	..	..
	2020	191	..	..	..
	2021	269	..	..	..
	2022	230	..	..	..
Norway	2019	74	..	..	..
	2020	74	..	..	..
	2021	43	..	..	..
	2022	35	..	..	..
Poland	2019	22	..	..	592
	2020	7	..	..	550
	2021	7	..	..	485
	2022	48	..	..	317
Portugal	2019	..	..	..	66
	2020	..	..	..	55
	2021	..	..	..	49
	2022	..	..	..	15
Romania	2019	35	..	..	77
	2020	33	..	..	84
	2021	0	..	..	72
	2022	..	..	..	71
Russian Federation	2019	..	..	..	*4,749
	2020	..	..	..	*4,749
	2021	..	..	..	*4,749
	2022	..	..	..	*4,900
Serbia	2019	12	..	..	28
	2020	15	..	..	29
	2021	13	1	..	34
	2022	13	3	..	38
Slovakia	2019	..	155	..	129
	2020	..	161	..	126
	2021	..	194	..	140
	2022	..	180	..	127
Sweden	2019	..	..	..	184
	2020	..	..	..	272
	2021	..	..	..	165
	2022	..	..	..	61
Ukraine	2019	15	..	..	..
	2020	37	..	..	..
	2021	37	..	..	..
	2022	*37	..	..	..
Latin America & Carib.	2019	184	..	..	506
	2020	171	..	..	729
	2021	224	..	..	1,051
	2022	226	..	..	1,098

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Brazil	2019	..	..	..	475
	2020	..	..	..	714
	2021	..	..	..	1,013
	2022	..	..	..	983
Chile	2019	..	..	..	..
	2020	..	..	..	..
	2021	..	..	..	..
	2022	..	..	..	67
Mexico	2019	184	..	..	31
	2020	171	..	..	15
	2021	224	..	..	14
	2022	226	..	..	14
Trinidad and Tobago	2019	..	..	..	..
	2020	..	..	..	..
	2021	..	..	..	23
	2022	..	..	..	*33
<b>Northern America</b>	<b>2019</b>	..	<b>3,138</b>	<b>64,348</b>	<b>7,121</b>
	<b>2020</b>	..	..	<b>64,020</b>	<b>7,369</b>
	<b>2021</b>	..	..	<b>65,709</b>	<b>7,377</b>
	<b>2022</b>	..	<b>0</b>	<b>66,648</b>	<b>7,441</b>
Canada	2019	..	..	64,348	3,138
	2020	..	..	64,020	3,520
	2021	..	..	65,709	3,440
	2022	..	..	66,648	3,297
United States	2019	..	3,138	..	3,983
	2020	..	..	..	3,849
	2021	..	..	..	3,937
	2022	..	0	..	4,144