

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, 2021

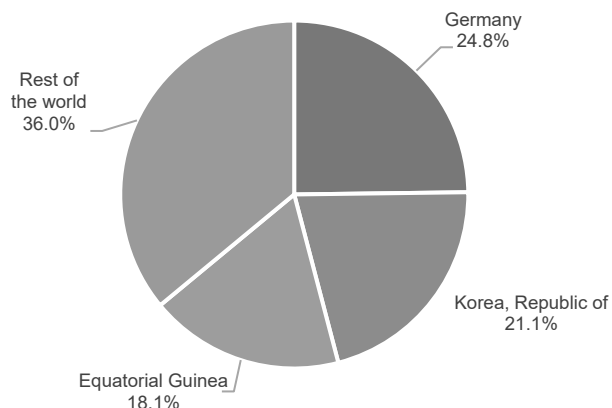


Figure 45: Major other hydrocarbons producing countries, 2021

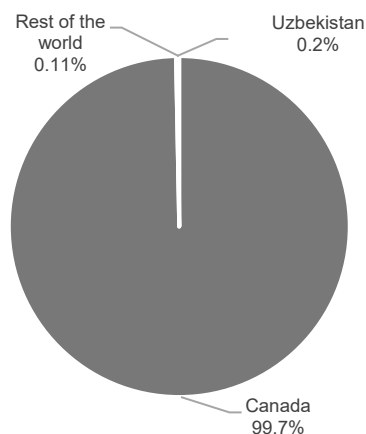


Table 15

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Thousand metric tons

Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
World	2018	5,100	7,930	55,944	32,538
	2019	4,960	8,890	64,063	36,836
	2020	4,698	6,227	64,182	36,609
	2021	5,088	6,093	65,933	37,932
Africa	2018	1,024	..	..	5,035
	2019	933	..	..	5,041
	2020	737	..	..	5,089
	2021	921	..	..	4,807
Equatorial Guinea	2018	1,024	..	..	..
	2019	933	..	..	..
	2020	737	..	..	..
	2021	921	..	..	..
Nigeria	2018	..	..	..	200
	2019	..	..	..	200
	2020	..	..	..	201
	2021	..	..	..	200
South Africa	2018	..	..	..	4,835
	2019	..	..	..	4,840
	2020	..	..	..	4,888
	2021	..	..	..	4,606
Asia	2018	984	5,046	145	12,142
	2019	1,176	5,562	145	16,103
	2020	1,406	6,028	127	15,802
	2021	1,766	5,857	131	17,296
China	2018	..	..	..	5,815
	2019	..	..	..	9,042
	2020	..	..	..	8,505
	2021	..	..	..	9,024
Israel	2018	..	..	..	98
	2019	..	..	..	124
	2020	..	..	..	83
	2021	..	..	..	105
Kazakhstan	2018	..	..	..	..
	2019	..	..	..	..
	2020	..	..	..	..
	2021	21	..	..	..
Korea, Republic of	2018	748	..	..	..
	2019	741	..	..	..
	2020	912	..	..	..
	2021	1,075	..	..	..
Malaysia	2018	..	..	..	*531
	2019	..	..	..	445
	2020	..	..	..	481
	2021	..	..	..	565
Other Asia	2018	236
	2019	436
	2020	494
	2021	670
Qatar	2018	5,180
	2019	5,180
	2020	5,180
	2021	5,524

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		Production	From other sources	Production	From other sources
Saudi Arabia	2018	..	*5,046
	2019	..	*5,562	..	..
	2020	..	*6,028	..	..
	2021	..	*5,857	..	..
Türkiye	2018	..	..	..	517
	2019	..	..	..	927
	2020	..	..	..	826
	2021	..	..	..	993
Turkmenistan	2018	..	..	..	..
	2019	..	..	..	385
	2020	..	..	..	727
	2021	..	..	..	727
Uzbekistan	2018	..	..	145	..
	2019	..	..	145	..
	2020	..	..	127	..
	2021	..	..	131	358
Europe	2018	2,852	211	..	7,441
	2019	2,667	190	..	7,635
	2020	2,384	199	30	7,620
	2021	2,177	236	74	7,425
Belgium	2018	..	..	..	34
	2019	..	..	..	53
	2020	..	..	..	51
	2021	..	..	..	39
Bulgaria	2018	..	9	..	152
	2019	..	4	..	183
	2020	..	2	..	167
	2021	..	2	..	136
Croatia	2018	..	..	..	75
	2019	..	..	..	54
	2020	..	..	..	53
	2021	..	..	..	49
Czechia	2018	89	23	..	..
	2019	82	31	..	..
	2020	3	36	..	..
	2021	3	40	..	..
Estonia	2018	..	..	..	1,111
	2019	..	..	..	1,159
	2020	..	..	..	1,158
	2021	..	..	..	1,202
Finland	2018	..	..	..	262
	2019	..	..	..	283
	2020	..	..	..	249
	2021	..	..	..	239
France	2018	139	..	..	..
	2019	240
	2020	167
	2021	159
Germany	2018	1,570
	2019	1,421
	2020	1,328
	2021	1,261

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Hungary	2018	53	..	..	40
	2019	46	..	..	39
	2020	44	..	..	40
	2021	38	..	..	36
Ireland	2018	..	..	..	36
	2019	..	..	..	39
	2020	..	..	..	39
	2021	..	..	..	29
Italy	2018	460	..	..	..
	2019	486	..	..	..
	2020	486	..	30	..
	2021	347	..	74	..
Netherlands (Kingd. of the)	2018	375	..	..	..
	2019	233	..	..	..
	2020	191	..	..	..
	2021	269	..	..	..
Norway	2018	74	0	..	..
	2019	74	..	..	..
	2020	74	..	..	..
	2021	43	..	..	..
Poland	2018	7	..	..	636
	2019	22	..	..	592
	2020	7	..	..	550
	2021	7	..	..	485
Portugal	2018	..	..	..	65
	2019	..	..	..	66
	2020	..	..	..	55
	2021	..	..	..	49
Romania	2018	31	..	..	66
	2019	35	..	..	77
	2020	33	..	..	84
	2021	0	..	..	72
Russian Federation	2018	..	..	..	*4,806
	2019	..	..	..	*4,749
	2020	..	..	..	*4,749
	2021	..	..	..	*4,749
Serbia	2018	16	..	..	28
	2019	12	..	..	28
	2020	15	..	..	29
	2021	13	..	..	34
Slovakia	2018	..	178	..	131
	2019	..	155	..	129
	2020	..	161	..	126
	2021	..	194	..	140
Sweden	2018
	2019	184
	2020	272
	2021	165
Ukraine	2018	39
	2019	15
	2020	37
	2021	37

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Country or area	Year	Additives		Other hydrocarbons	
		Production	From other sources	Production	From other sources
Latin America & Carib.	2018	240	..	..	319
	2019	184	..	..	506
	2020	171	..	..	729
	2021	224	..	..	1,051
Brazil	2018	..	..	..	283
	2019	..	..	..	475
	2020	..	..	..	714
	2021	..	..	..	1,013
Mexico	2018	240	..	..	36
	2019	184	..	..	31
	2020	171	..	..	15
	2021	224	..	..	14
Trinidad and Tobago	2018	..	..	..	..
	2019	..	..	..	..
	2020	..	..	..	..
	2021	..	..	..	23
Northern America	2018	..	2,673	55,799	7,600
	2019	..	3,138	63,918	7,551
	2020	..	..	64,026	7,369
	2021	..	..	65,728	7,354
Canada	2018	..	86	55,799	3,452
	2019	..	..	63,918	3,568
	2020	..	..	64,026	3,520
	2021	..	..	65,728	3,417
United States	2018	..	2,587	..	4,148
	2019	..	3,138	..	3,983
	2020	..	..	..	3,849
	2021	..	..	..	3,937