

## Production of minor oil products from refineries - by type

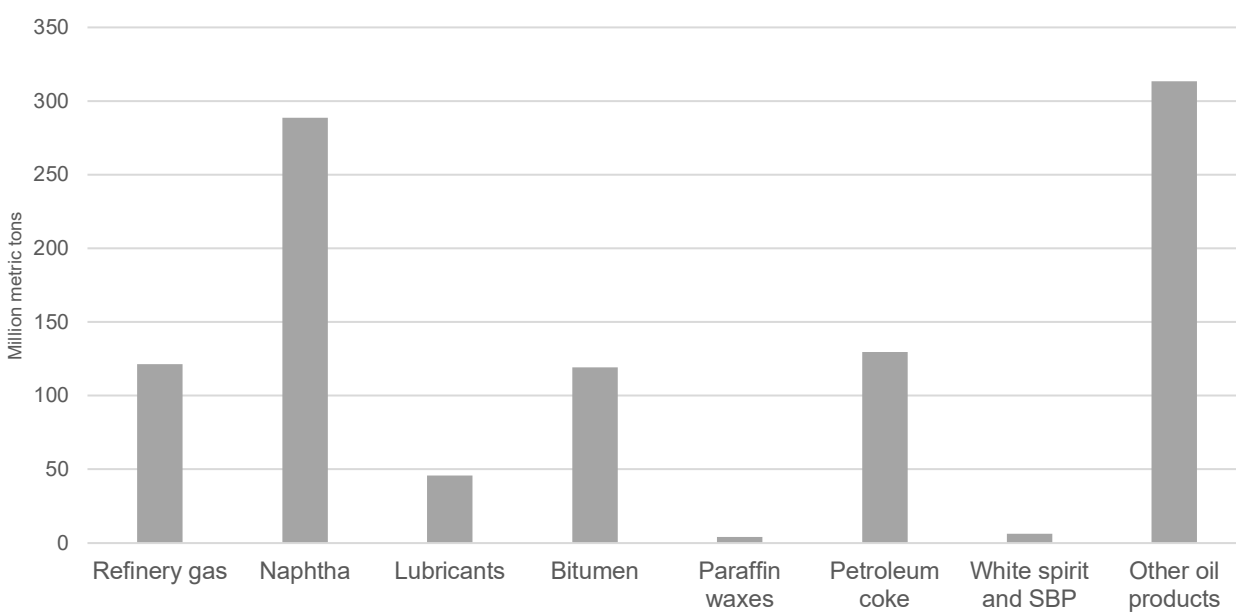
Thousand metric tons

### Table Notes

Data refer to production from refineries of refinery gas, ethane, naphtha, lubricants, bitumen, paraffin waxes, petroleum coke, white spirit, and other oil products (which for this table includes refinery output of feedstocks).

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 63: Production of minor oil products from refineries, 2020\***



\*Ethane is included with other oil products

Table 23

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
World	2017	124,690	1,650	287,679	42,125	115,785	4,620	153,856	8,798	196,266
	2018	129,163	2,055	295,403	47,571	116,231	4,578	150,690	6,604	227,653
	2019	129,916	2,021	295,609	47,024	116,964	4,729	140,175	6,031	265,207
	2020	121,376	2,048	288,769	45,853	119,412	4,080	129,804	6,260	311,208
Africa	2017	1,257	..	10,529	559	1,437	10	563	115	1,660
	2018	1,227	..	10,675	577	1,410	10	522	96	2,409
	2019	1,296	..	10,297	589	1,347	10	543	87	716
	2020	806	..	10,220	569	1,402	11	565	64	560
Algeria	2017	..	..	8,143	*73	*127	..	..	..	*184
	2018	..	..	7,634	*98	*115	..	..	..	*134
	2019	..	..	7,268	110	*110	..	..	..	*158
	2020	..	..	7,341	52	177	..	..	..	31
Angola	2017	74	..	278	8	16	..	..	..	162
	2018	53	..	244	5	12	..	..	..	207
	2019	74	..	333	5	23	..	..	..	..
	2020	25	..	348	5	11	..	..	..	..
Cameroon	2017	55	..	..	..	..	..	..	..	128
	2018	50	..	..	..	..	..	..	..	116
	2019	26	..	..	..	..	..	..	..	60
	2020	..	..	..	..	..	..	..	..	..
Chad	2017	..	..	..	*1	*1	..	*36	..	*14
	2018	..	..	..	*1	*1	..	*36	..	*14
	2019	..	..	..	*1	*1	..	*37	..	*15
	2020	..	..	..	*1	*1	..	*36	..	*14
Congo	2017	..	..	9	..	..	..	..	..	19
	2018	..	..	9	..	..	..	..	..	19
	2019	..	..	10	..	..	..	..	..	19
	2020	..	..	9	..	..	..	..	..	19
Côte d'Ivoire	2017	19	..	..	36	249	..	..	..	..
	2018	20	..	..	46	259	..	..	..	..
	2019	23	..	..	20	136	..	..	..	..
	2020	21	..	..	20	129	..	..	..	..
Egypt	2017	136	..	450	297	658	..	257	..	373
	2018	130	..	737	286	633	..	248	..	1,352
	2019	142	..	833	312	691	..	271	..	393
	2020	157	..	1,660	344	762	..	299	..	434
Gabon	2017	..	..	..	10	2	..	..	..	..
	2018	..	..	..	9	2	..	..	..	..
	2019	..	..	..	8	2	..	..	..	..
	2020	..	..	..	11	2	..	..	..	..
Libya	2017	97	..	667	..	25	..	..	..	5
	2018	113	..	948	..	29	..	..	..	6
	2019	87	..	1,073	..	22	..	..	..	4
	2020	35	..	432	..	9	..	..	..	2
Niger	2017	..	..	..	..	..	..	..	..	19
	2018	..	..	..	..	..	..	..	..	19
	2019	..	..	..	..	..	..	..	..	17
	2020	..	..	..	..	..	..	..	..	18
Nigeria	2017	102	..	342	..	0	..	12	..	720
	2018	57	..	158	..	5	..	7	..	492
	2019	12	..	36	..	..	..	1	..	0
	2020	0	..	0	..	..	..	0	..	0

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Senegal	2017	15	..	123	..	..	..	..	..	..
	2018	13	..	76	..	..	..	..	..	..
	2019	12	..	71	..	..	..	..	..	..
	2020	10	..	30	..	..	..	..	..	..
South Africa	2017	723	..	420	133	359	10	..	104	25
	2018	758	..	618	132	354	10	..	83	37
	2019	886	..	632	135	362	10	..	85	36
	2020	524	..	200	137	311	11	..	58	36
Sudan	2017	20	..	4	..	..	..	258	..	..
	2018	*20	..	9	..	..	..	231	..	..
	2019	*20	..	*9	..	..	..	*234	..	..
	2020	*20	..	*9	..	..	..	*230	..	..
Tunisia	2017	4	..	93	..	..	..	..	11	..
	2018	..	..	241	..	..	..	..	13	..
	2019	..	..	33	..	..	..	..	2	..
	2020	6	..	191	..	..	..	..	6	..
Zambia	2017	12	..	..	..	..	..	..	..	12
	2018	13	..	..	..	..	..	..	..	13
	2019	14	..	..	..	..	..	..	..	14
	2020	7	..	..	..	..	..	..	..	7
<b>Asia</b>	<b>2017</b>	<b>56,134</b>	..	<b>183,965</b>	<b>15,286</b>	<b>58,545</b>	<b>3,375</b>	<b>63,685</b>	<b>3,644</b>	<b>142,784</b>
	<b>2018</b>	<b>61,236</b>	..	<b>191,075</b>	<b>16,064</b>	<b>58,712</b>	<b>3,179</b>	<b>62,136</b>	<b>2,469</b>	<b>170,728</b>
	<b>2019</b>	<b>62,122</b>	..	<b>196,368</b>	<b>15,214</b>	<b>60,567</b>	<b>3,410</b>	<b>54,451</b>	<b>2,226</b>	<b>192,436</b>
	<b>2020</b>	<b>59,480</b>	..	<b>192,999</b>	<b>15,077</b>	<b>62,560</b>	<b>2,819</b>	<b>51,117</b>	<b>1,898</b>	<b>242,285</b>
Afghanistan	2017	..	..	..	..	*12	..	..	..	..
	2018	..	..	..	..	*20	..	..	..	..
	2019	..	..	..	..	*12	..	..	..	..
	2020	..	..	..	..	*5	..	..	..	..
Azerbaijan	2017	214	..	169	39	237	..	227	..	585
	2018	214	..	205	52	290	..	244	..	606
	2019	242	..	*243	36	260	..	238	..	626
	2020	228	..	217	36	375	..	197	..	626
Bahrain	2017	..	..	1,494	..	298	..	..	..	568
	2018	..	..	1,655	..	316	..	..	..	551
	2019	..	..	1,706	..	331	..	..	..	489
	2020	..	..	1,562	..	345	..	..	..	411
Bangladesh	2017	16	..	161	19	79	..	..	4	21
	2018	14	..	97	20	58	..	..	5	21
	2019	15	..	101	23	70	..	..	3	11
	2020	11	..	77	21	31	..	..	0	13
Brunei Darussalam	2017	3	..	..	..	..	..	..	..	..
	2018	18	..	..	..	..	..	..	..	..
	2019	14	..	..	..	..	..	..	..	243
	2020	4	..	687	..	..	..	..	..	2,315
China	2017	19,825	..	53,339	1,998	25,828	2,982	28,217	1,712	96,284
	2018	20,132	..	60,255	2,206	26,877	2,795	26,636	1,088	118,749
	2019	21,879	..	66,201	2,324	29,704	3,089	28,388	824	149,225
	2020	23,486	..	71,907	2,634	33,215	2,494	29,146	400	193,339
Georgia	2017	..	..	3	..	..	..	..	..	..
	2018	..	..	3	..	..	..	..	..	..
	2019	..	..	4	..	..	..	..	..	..
	2020	..	..	3	..	1	..	..	..	..

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Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
India	2017	*9,825	..	18,786	1,036	5,277	104	14,754	..	26,210
	2018	*14,117	..	*18,536	949	5,803	*117	*14,676	..	*29,973
	2019	*15,470	..	*19,399	932	5,244	*96	15,528	..	18,384
	2020	*13,552	..	*18,421	1,069	5,245	*97	*12,655	..	*17,103
Indonesia	2017	673	..	1,565	344	112	16	497	26	4,195
	2018	690	..	1,666	390	164	19	554	27	4,096
	2019	694	..	1,619	326	100	19	550	19	*4,096
	2020	633	..	1,883	*330	97	*19	*550	20	*3,763
Iran (Islamic Rep. of)	2017	1,581	..	3,000	1,761	4,837	..	..	541	753
	2018	*1,681	..	3,030	1,720	4,662	..	..	528	761
	2019	*1,679	..	3,103	1,797	4,872	..	..	552	779
	2020	*1,556	..	2,919	1,721	4,666	..	..	529	733
Iraq	2017	164	..	571	52	140	110	..	..	113
	2018	193	..	1,522	57	153	3	..	..	123
	2019	205	..	1,890	70	190	3	..	..	153
	2020	178	..	2,063	77	208	4	..	..	167
Israel	2017	569	..	1,201	..	310	..	..	..	458
	2018	567	..	1,153	..	308	..	..	..	588
	2019	615	..	1,383	..	264	..	..	..	401
	2020	706	..	1,392	..	310	..	..	..	497
Japan	2017	6,515	..	13,175	1,958	3,051	64	1,320	72	2,222
	2018	6,356	..	12,385	2,181	2,854	70	1,345	71	2,192
	2019	5,833	..	12,546	2,013	2,744	71	1,075	62	2,038
	2020	4,988	..	9,091	1,808	2,277	80	1,021	45	1,768
Jordan	2017	*33	..	..	23	226	..	..	..	*4
	2018	42	..	..	19	127	..	..	..	*3
	2019	*40	..	..	20	*176	..	..	..	*3
	2020	*35	..	..	17	*135	..	..	..	*2
Kazakhstan	2017	161	..	..	24	809	..	474	0	..
	2018	177	..	..	26	926	..	530	6	..
	2019	264	..	..	32	989	..	507	9	..
	2020	343	..	..	52	1,090	..	526	10	..
Korea, Republic of	2017	3,831	..	35,356	2,747	5,185	18	404	506	2,856
	2018	4,365	..	36,933	3,307	4,489	15	408	456	2,737
	2019	4,729	..	36,758	2,567	5,043	19	634	472	2,708
	2020	4,370	..	33,734	2,797	4,131	22	584	669	3,224
Kuwait	2017	310	..	5,675	..	118	..	..	..	454
	2018	322	..	5,613	..	183	..	..	..	471
	2019	288	..	5,561	..	241	..	..	..	..
	2020	265	..	5,546	..	277	..	..	..	..
Kyrgyzstan	2017	..	..	..	..	..	..	..	..	..
	2018	..	..	..	..	35	..	..	..	..
	2019	..	..	..	..	2	..	..	..	..
	2020	..	..	..	..	0	..	..	..	..
Malaysia	2017	172	..	2,356	368	171	23	166	..	..
	2018	128	..	1,818	279	405	32	20	..	..
	2019	113	..	*1,506	*231	*335	*27	17	..	..
	2020	130	..	*2,818	*279	*405	*32	*20	..	..
Myanmar	2017	..	..	..	..	..	0	12	..	5
	2018	..	..	..	..	..	0	9	..	4
	2019	..	..	..	..	..	0	11	..	0
	2020	..	..	..	..	..	..	13	..	27

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Oman	2017	124	..	939	62	..	..	..	..	357
	2018	149	..	1,375	75	..	..	..	..	1,068
	2019	136	..	1,374	68	..	..	..	..	1,043
	2020	116	..	1,448	58	..	..	..	..	803
Other Asia	2017	1,887	..	7,667	672	547	..	1,175	59	839
	2018	2,295	..	8,696	551	630	..	1,276	35	957
	2019	2,331	..	8,587	663	665	..	1,228	36	954
	2020	2,071	..	7,680	579	618	..	959	28	769
Pakistan	2017	..	..	781	180	*291	2	..	..	60
	2018	33	..	794	178	288	0	..	..	60
	2019	21	..	570	176	193	2	..	..	*30
	2020	31	..	374	137	129	*2	..	..	61
Philippines	2017	..	..	200	..	..	..	..	..	1,266
	2018	..	..	241	..	16	..	..	..	1,496
	2019	..	..	161	..	47	..	..	..	782
	2020	..	..	86	..	3	..	..	..	565
Qatar	2017	58	..	5,592	..	..	..	..	..	527
	2018	58	..	4,965	..	..	..	..	..	720
	2019	63	..	4,689	..	..	..	..	..	1,730
	2020	49	..	3,919	..	..	..	..	..	2,614
Saudi Arabia	2017	4,300	..	8,499	..	2,778	..	15,231	..	*610
	2018	4,248	..	6,877	..	2,326	..	15,299	..	1,307
	2019	*2,204	..	5,819	..	2,365	..	4,805	..	*503
	2020	*2,013	..	5,117	..	2,117	..	3,713	..	*3,403
Singapore	2017	3,251	..	4,494	3,230	2,945	28	245	705	1,035
	2018	3,107	..	2,898	3,110	2,871	76	232	216	410
	2019	2,978	..	4,296	3,184	2,746	75	224	206	350
	2020	2,442	..	3,605	2,763	2,333	67	157	175	304
Sri Lanka	2017	19	..	142	..	0	..	..	1	..
	2018	22	..	141	..	13	..	..	2	..
	2019	27	..	162	..	17	..	..	2	..
	2020	27	..	164	..	14	..	..	1	..
Syrian Arab Republic	2017	86	..	530	24	294	..	..	..	15
	2018	108	..	668	30	371	..	..	..	19
	2019	93	..	574	25	319	..	..	..	17
	2020	85	..	524	23	291	..	..	..	15
Tajikistan	2017	..	..	..	..	3	..	..	..	..
	2018	..	..	..	..	3	..	..	..	..
	2019	..	..	..	..	3	..	..	..	..
	2020	..	..	..	..	3	..	..	..	..
Thailand	2017	569	..	10,430	..	1,361	..	..	..	1,139
	2018	570	..	10,431	..	1,377	..	..	..	1,140
	2019	511	..	9,445	..	1,257	..	..	..	1,023
	2020	502	..	9,279	..	1,376	..	..	..	1,003
Türkiye	2017	1,354	..	343	187	3,496	..	934	7	917
	2018	1,004	..	375	218	2,981	32	868	5	720
	2019	1,084	..	1,138	125	2,248	..	1,213	11	1,901
	2020	1,134	..	1,504	75	2,765	..	1,536	14	2,673
Turkmenistan	2017	112	..	..	..	..	..	..	..	370
	2018	106	..	..	..	..	..	..	..	370
	2019	104	..	..	..	..	..	..	..	370
	2020	102	..	..	..	..	..	..	..	370

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Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
United Arab Emirates	2017	387	..	7,427	477	..	..	..	..	779
	2018	406	..	8,300	578	..	..	..	..	1,332
	2019	377	..	7,123	541	..	..	..	..	4,114
	2020	333	..	6,694	508	..	..	..	..	3,866
Uzbekistan	2017	94	..	..	84	138	27	29	12	..
	2018	114	..	..	98	153	21	39	31	..
	2019	*114	..	..	60	117	8	32	30	..
	2020	91	..	..	92	89	2	41	8	..
Viet Nam	2017	..	..	..	..	..	..	..	..	144
	2018	..	..	..	20	..	..	..	..	254
	2019	..	..	..	..	..	..	..	..	465
	2020	..	..	..	..	..	..	..	..	1,852
Yemen	2017	..	..	72	..	2	..	..	..	..
	2018	..	..	443	..	14	..	..	..	..
	2019	..	..	410	..	13	..	..	..	..
	2020	..	..	286	..	9	..	..	..	..
<b>Europe</b>	<b>2017</b>	<b>38,189</b>	<b>1,534</b>	<b>73,357</b>	<b>14,645</b>	<b>26,392</b>	<b>933</b>	<b>16,593</b>	<b>2,796</b>	<b>28,057</b>
	<b>2018</b>	<b>37,845</b>	<b>1,927</b>	<b>73,133</b>	<b>18,748</b>	<b>26,471</b>	<b>1,097</b>	<b>16,007</b>	<b>1,893</b>	<b>31,099</b>
	<b>2019</b>	<b>37,685</b>	<b>1,914</b>	<b>70,276</b>	<b>20,801</b>	<b>26,703</b>	<b>1,029</b>	<b>16,476</b>	<b>1,921</b>	<b>30,468</b>
	<b>2020</b>	<b>35,187</b>	<b>1,918</b>	<b>67,026</b>	<b>20,429</b>	<b>26,300</b>	<b>999</b>	<b>15,920</b>	<b>2,423</b>	<b>31,049</b>
Albania	2017	19	..	40	..	77	..	105	..	103
	2018	9	..	29	..	26	..	58	..	66
	2019	7	..	23	..	105	..	54	..	58
	2020	3	..	18	..	75	..	10	..	15
Austria	2017	262	..	804	0	306	..	59	..	27
	2018	281	..	1,028	0	369	..	71	..	21
	2019	316	..	1,006	0	395	..	67	..	23
	2020	284	..	1,051	0	424	..	73	..	45
Belarus	2017	617	..	..	..	852	..	..	..	1,051
	2018	697	..	..	..	781	..	..	..	1,245
	2019	713	..	..	..	819	..	..	..	1,021
	2020	644	..	..	..	979	..	..	..	1,293
Belgium	2017	916	..	2,319	..	395	..	305	..	3,698
	2018	824	..	2,611	..	..	..	400	..	2,488
	2019	685	..	2,769	..	..	..	1,047	..	3,830
	2020	499	..	2,481	..	143	..	825	..	3,171
Bosnia and Herzegovina	2017	..	..	7	51	171	..	..	..	20
	2018	..	..	7	40	146	..	..	..	19
	2019	..	..	1	16	4	..	..	..	..
	2020	..	..	..	13	..	..	..	..	..
Bulgaria	2017	331	..	448	..	16	..	98	4	9
	2018	294	..	372	..	84	..	75	3	4
	2019	374	..	487	..	105	..	85	3	2
	2020	324	..	372	..	115	..	58	3	1
Croatia	2017	185	..	52	11	..	..	74	..	115
	2018	187	..	39	11	1	..	58	..	106
	2019	129	..	14	10	..	..	67	..	25
	2020	114	..	36	10	..	..	22	..	86
Czechia	2017	145	..	840	85	551	12	102	..	817
	2018	140	..	930	95	566	11	89	..	669
	2019	148	..	911	92	547	9	99	..	636
	2020	112	..	707	82	451	9	77	..	553

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Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Denmark	2017	306	..	..	..	..	..	..	..	..
	2018	301	..	..	..	..	..	..	..	..
	2019	320	..	..	..	..	..	..	..	..
	2020	308	..	..	..	..	..	..	..	..
Finland	2017	574	..	103	296	139	..	117	130	5
	2018	586	..	70	305	225	..	100	140	38
	2019	632	..	133	299	218	..	109	155	46
	2020	570	..	91	250	271	..	104	152	6
France	2017	1,282	20	5,301	719	2,047	97	485	58	963
	2018	1,167	7	5,387	571	2,056	71	481	85	859
	2019	1,178	9	4,267	555	1,976	63	387	68	821
	2020	905	8	3,324	491	1,560	54	336	35	732
Germany	2017	4,051	..	7,635	2,508	4,289	94	1,911	259	1,393
	2018	3,742	..	6,373	2,460	4,083	219	1,715	174	1,238
	2019	3,835	..	6,662	2,282	3,915	306	1,705	414	1,337
	2020	3,538	..	6,820	2,400	3,755	311	1,682	537	1,227
Greece	2017	664	..	1,616	249	907	..	483	..	1,462
	2018	839	..	1,795	281	1,142	..	583	..	1,271
	2019	776	..	1,618	251	1,549	..	505	..	1,389
	2020	660	..	2,259	236	1,753	..	489	..	1,345
Hungary	2017	174	..	862	133	440	42	309	24	640
	2018	207	..	1,036	135	404	34	330	19	752
	2019	206	..	880	124	407	31	317	16	783
	2020	203	..	983	127	410	34	337	19	736
Ireland	2017	74	..	94	..	..	..	..	..	..
	2018	76	..	35	..	..	..	..	..	..
	2019	62	..	42	..	..	..	..	..	..
	2020	69	..	89	..	..	..	..	..	..
Italy	2017	2,718	..	6,391	1,554	2,772	145	1,033	4	2,563
	2018	2,790	..	5,108	1,347	2,554	100	759	3	2,907
	2019	2,733	..	4,965	755	2,750	83	769	3	2,379
	2020	2,322	..	3,919	1,013	3,083	96	588	3	2,640
Lithuania	2017	352	..	..	66	209	..	119	..	94
	2018	332	..	..	72	242	..	121	..	94
	2019	302	..	..	86	372	..	122	..	86
	2020	247	..	..	88	357	..	102	..	71
Netherlands	2017	2,099	..	10,993	0	216	78	388	121	2,378
	2018	1,946	..	11,572	..	330	174	391	114	2,319
	2019	2,291	..	11,446	561	252	55	443	82	2,591
	2020	1,921	..	10,801	643	637	39	420	467	1,017
Norway	2017	482	..	1,236	..	..	..	504	..	..
	2018	478	..	1,281	..	..	..	485	..	..
	2019	426	..	1,329	..	..	..	363	..	..
	2020	406	..	1,417	..	..	..	368	..	..
Poland	2017	542	..	1,935	452	1,452	76	..	89	1,246
	2018	623	..	2,000	472	1,494	87	..	113	1,164
	2019	702	..	2,020	415	1,485	87	30	107	1,340
	2020	777	..	2,138	393	1,529	84	293	140	1,476
Portugal	2017	9	..	1,321	136	196	10	..	16	886
	2018	11	..	1,018	116	132	9	..	16	775
	2019	13	..	1,091	103	171	8	..	8	729
	2020	16	..	953	137	190	6	..	12	688

Table 23

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Republic of Moldova	2017	..	..	..	..	..	..	..	..	3
	2018	..	..	..	0	0	..	..	0	1
	2019	..	..	..	..	0	..	..	..	1
	2020	..	..	..	..	..	..	..	..	0
Romania	2017	783	..	230	..	96	..	909	126	196
	2018	788	..	193	..	102	..	838	132	254
	2019	842	..	181	..	120	..	846	138	247
	2020	726	..	150	..	123	..	768	111	246
Russian Federation	2017	15,318	*1,514	26,485	7,041	6,693	251	3,727	1,705	4,245
	2018	*15,350	*1,920	27,236	11,480	6,912	246	3,829	845	9,267
	2019	*15,400	*1,905	25,783	14,144	7,069	243	3,971	717	6,275
	2020	*15,400	*1,910	25,010	13,598	6,797	233	4,328	809	6,033
Serbia	2017	53	..	441	11	360	..	13	..	197
	2018	59	..	449	13	416	..	12	0	188
	2019	62	..	398	14	398	..	12	..	203
	2020	63	..	456	9	398	..	49	..	197
Slovakia	2017	572	..	472	..	..	..	59	..	153
	2018	528	..	397	..	..	..	55	..	127
	2019	494	..	430	..	..	..	38	..	148
	2020	504	..	534	..	..	..	49	..	351
Spain	2017	2,346	..	1,368	399	2,483	88	3,823	255	2,338
	2018	2,236	..	1,756	415	2,630	90	3,802	243	2,319
	2019	2,113	..	1,438	354	2,373	78	3,604	202	2,474
	2020	1,907	..	1,309	317	1,908	72	3,529	129	3,083
Sweden	2017	733	..	83	378	870	..	59	..	1,800
	2018	822	..	188	355	733	..	69	..	122
	2019	489	..	293	297	760	..	42	..	1,728
	2020	570	..	248	227	654	..	11	..	4,094
Switzerland	2017	121	..	1	..	..	..	..	..	37
	2018	131	..	16	..	..	..	..	..	45
	2019	119	..	19	..	..	..	..	..	30
	2020	121	..	15	..	..	..	..	..	28
Ukraine	2017	36	..	..	112	37	..	..	..	599
	2018	35	..	..	147	170	..	..	..	1,282
	2019	41	..	..	150	23	..	..	..	432
	2020	40	..	..	108	52	..	..	..	448
United Kingdom	2017	2,424	..	2,280	443	817	39	1,910	7	1,018
	2018	2,368	..	2,209	436	875	55	1,685	7	1,459
	2019	2,277	..	2,072	293	892	68	1,793	8	1,835
	2020	1,933	..	1,844	286	638	60	1,401	7	1,469
Latin America & Carib.	<b>2017</b>	<b>10,140</b>	..	<b>8,850</b>	<b>1,395</b>	<b>4,297</b>	<b>77</b>	<b>11,635</b>	<b>477</b>	<b>8,413</b>
	<b>2018</b>	<b>9,261</b>	..	<b>8,542</b>	<b>1,522</b>	<b>4,588</b>	<b>80</b>	<b>10,699</b>	<b>453</b>	<b>6,980</b>
	<b>2019</b>	<b>9,077</b>	..	<b>8,830</b>	<b>1,325</b>	<b>3,770</b>	<b>77</b>	<b>10,604</b>	<b>433</b>	<b>7,133</b>
	<b>2020</b>	<b>8,246</b>	..	<b>9,697</b>	<b>1,384</b>	<b>4,284</b>	<b>77</b>	<b>9,450</b>	<b>440</b>	<b>5,330</b>
Argentina	2017	1,017	..	727	219	242	8	1,478	230	..
	2018	1,072	..	400	225	396	7	1,511	201	..
	2019	925	..	640	218	328	8	1,462	196	..
	2020	876	..	1,161	178	233	8	*1,249	204	..
Bolivia (Plur. State of)	2017	98	..	0	24	2	1	..	..	193
	2018	98	..	0	23	1	0	..	..	150
	2019	89	..	0	21	1	0	..	..	101
	2020	95	..	0	16	1	1	..	..	59



Table 23

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Brazil	2017	4,549	..	2,248	656	1,955	..	5,618	232	2,370
	2018	4,264	..	2,944	785	1,900	..	5,093	237	2,312
	2019	4,022	..	3,250	784	1,722	..	5,029	224	2,448
	2020	4,058	..	4,486	806	2,318	..	4,938	225	2,038
Chile	2017	211	..	75	..	..	..	446	..	579
	2018	215	..	64	..	..	..	443	..	608
	2019	242	..	137	..	..	..	464	..	431
	2020	175	..	60	..	..	..	325	..	690
Colombia	2017	..	..	1,070	142	279	37	681	..	1,035
	2018	..	..	1,164	139	263	37	953	..	439
	2019	253	..	942	139	198	37	891	..	1,493
	2020	254	..	1,509	139	80	37	692	..	657
Cuba	2017	3	..	289	51	58	..	2	..	..
	2018	4	..	301	51	63	..	1	..	..
	2019	5	..	192	33	38	..	1	..	..
	2020	14	..	282	36	34	..	4	..	..
Curaçao	2017	106	..	63	64	76	..	95	..	190
	2018	52	..	48	32	37	..	47	..	93
	2019	0	..	0	0	0	..	0	..	0
	2020	..	..	..	..	..	..	..	..	..
Dominican Republic	2017	10	..	..	..	..	..	..	..	..
	2018	14	..	..	..	..	..	..	..	..
	2019	11	..	..	..	..	..	..	..	..
	2020	4	..	..	..	..	..	..	..	..
Ecuador	2017	59	..	..	..	..	..	..	..	898
	2018	51	..	..	..	..	..	..	..	848
	2019	50	..	..	..	..	..	..	..	824
	2020	40	..	..	..	..	..	..	..	757
Guatemala	2017	..	..	..	..	38	..	..	..	..
	2018	..	..	..	..	97	..	..	..	..
	2019	..	..	..	..	146	..	..	..	..
	2020	..	..	..	..	110	..	..	..	..
Jamaica	2017	..	..	40	..	18	..	..	..	..
	2018	..	..	0	..	*10	..	..	..	..
	2019	..	..	..	..	*10	..	..	..	..
	2020	..	..	..	..	*10	..	..	..	..
Mexico	2017	2,445	..	2,441	99	959	20	1,657	..	108
	2018	1,816	..	2,046	155	1,175	26	1,030	..	93
	2019	2,319	..	2,201	56	792	24	1,819	..	94
	2020	2,162	..	1,747	157	1,187	26	1,579	..	51
Nicaragua	2017	18	..	..	..	17	..	..	14	..
	2018	15	..	..	..	21	..	..	13	..
	2019	24	..	..	..	4	..	..	10	..
	2020	24	..	..	..	..	..	..	9	..
Peru	2017	124	..	..	..	..	..	..	..	287
	2018	139	..	..	..	..	..	..	..	276
	2019	149	..	..	..	..	..	..	..	248
	2020	50	..	..	..	..	..	..	..	266
Suriname	2017	..	..	..	..	5	..	..	..	..
	2018	..	..	..	..	4	..	..	..	..
	2019	..	..	..	..	10	..	..	..	..
	2020	..	..	..	..	5	..	..	..	..

Table 23

## Production of minor oil products from refineries - by type

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Trinidad and Tobago	2017	52	..	0	..	12	..	..	..	309
	2018	88	..	..	..	11	..	..	..	50
	2019	..	..	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..	..	..
Uruguay	2017	18	..	..	..	26	..	10	0	..
	2018	58	..	..	..	102	..	37	2	..
	2019	54	..	..	..	75	..	31	2	..
	2020	61	..	..	..	39	..	30	2	..
Venezuela (Bolivar. Rep.)	2017	1,430	..	1,897	140	612	11	1,648	..	2,444
	2018	1,374	..	1,575	113	507	9	1,584	..	2,111
	2019	934	..	1,468	73	445	8	907	..	1,494
	2020	433	..	452	51	268	5	633	..	813
<b>Northern America</b>	<b>2017</b>	<b>17,950</b>	<b>116</b>	<b>10,140</b>	<b>10,241</b>	<b>24,912</b>	<b>225</b>	<b>61,006</b>	<b>1,700</b>	<b>15,184</b>
	<b>2018</b>	<b>18,536</b>	<b>128</b>	<b>11,235</b>	<b>10,660</b>	<b>24,886</b>	<b>213</b>	<b>61,004</b>	<b>1,620</b>	<b>16,350</b>
	<b>2019</b>	<b>18,672</b>	<b>107</b>	<b>9,405</b>	<b>9,096</b>	<b>24,452</b>	<b>203</b>	<b>57,863</b>	<b>1,365</b>	<b>31,773</b>
	<b>2020</b>	<b>16,760</b>	<b>130</b>	<b>8,221</b>	<b>8,394</b>	<b>24,778</b>	<b>175</b>	<b>52,575</b>	<b>1,435</b>	<b>28,796</b>
Canada	2017	2,645	..	1,749	1,038	5,176	..	1,266	95	2,681
	2018	2,948	..	1,939	1,127	5,420	..	1,301	82	3,372
	2019	3,844	..	1,166	473	5,415	..	1,956	13	19,675
	2020	3,176	..	963	519	5,516	..	1,610	66	17,534
United States	2017	15,305	116	8,391	9,203	19,736	225	59,740	1,605	12,503
	2018	15,588	128	9,296	9,533	19,466	213	59,703	1,538	12,978
	2019	14,827	107	8,239	8,623	19,037	203	55,906	1,352	12,098
	2020	13,583	130	7,258	7,875	19,262	175	50,965	1,370	11,262
<b>Oceania</b>	<b>2017</b>	<b>1,021</b>	<b>..</b>	<b>838</b>	<b>..</b>	<b>202</b>	<b>..</b>	<b>374</b>	<b>66</b>	<b>167</b>
	<b>2018</b>	<b>1,058</b>	<b>..</b>	<b>743</b>	<b>..</b>	<b>164</b>	<b>..</b>	<b>321</b>	<b>72</b>	<b>88</b>
	<b>2019</b>	<b>1,065</b>	<b>..</b>	<b>433</b>	<b>..</b>	<b>125</b>	<b>..</b>	<b>238</b>	<b>..</b>	<b>2,682</b>
	<b>2020</b>	<b>897</b>	<b>..</b>	<b>606</b>	<b>..</b>	<b>89</b>	<b>..</b>	<b>177</b>	<b>..</b>	<b>3,188</b>
Australia	2017	757	..	318	..	124	..	374	66	79
	2018	808	..	310	..	98	..	321	72	11
	2019	807	..	..	..	..	..	238	..	2,265
	2020	713	..	..	..	..	..	177	..	2,552
New Zealand	2017	264	..	..	..	78	..	..	..	75
	2018	250	..	..	..	66	..	..	..	64
	2019	258	..	..	..	125	..	..	..	402
	2020	184	..	..	..	89	..	..	..	616
Papua New Guinea	2017	..	..	520	..	..	..	..	..	13
	2018	..	..	433	..	..	..	..	..	14
	2019	..	..	433	..	..	..	..	..	16
	2020	..	..	606	..	..	..	..	..	20