

### Production of oil products from refineries – by type

Thousand metric tons

#### Table Notes

**Production** comprises all refinery output of all oil products.

The **Jet fuels** column comprises aviation gasoline, gasoline-type jet fuel and kerosene-type jet fuel.

The **Other products** column includes bitumen, ethane, feedstocks, lubricants, petroleum coke, paraffin waxes, white spirit, and other oil products.

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 64: Production of selected oil products from refineries, 1990-2020

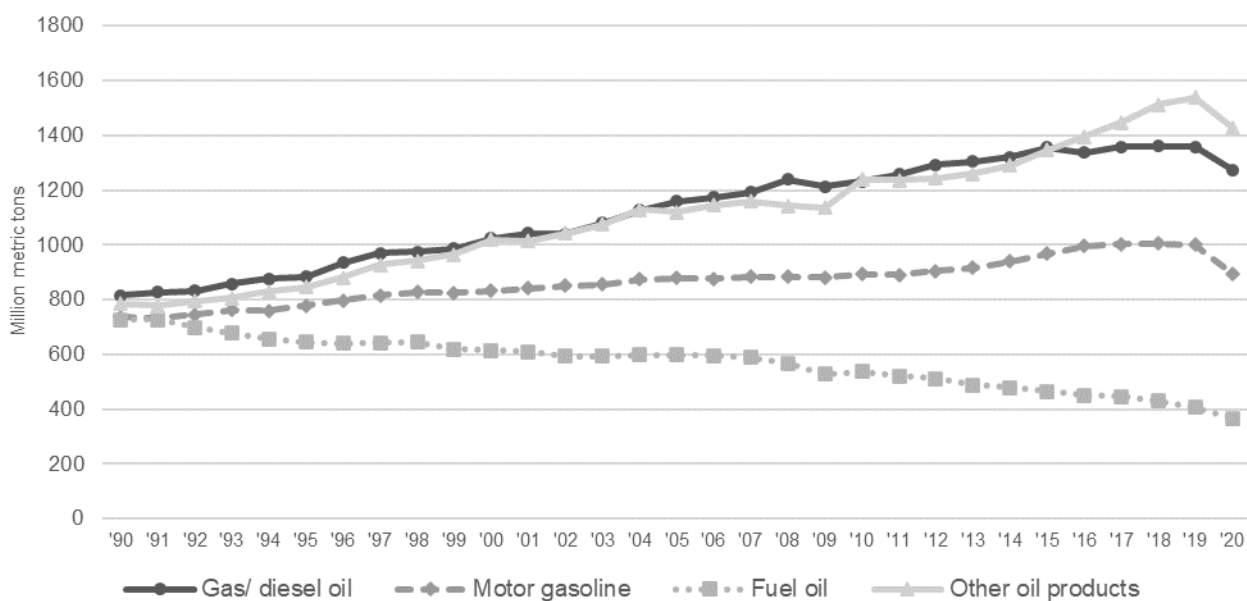


Table 24

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Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
World	2017	4,253,054	1,358,449	1,002,944	445,709	287,679	315,582	124,690	138,565	56,334	523,100
	2018	4,308,604	1,360,133	1,005,328	430,462	295,403	335,292	129,163	141,768	55,673	555,382
	2019	4,303,586	1,357,507	1,000,513	406,510	295,609	337,912	129,916	143,052	50,415	582,150
	2020	3,963,121	1,273,123	895,370	365,527	288,769	216,354	121,376	137,566	46,370	618,665
Africa	2017	95,454	30,675	17,099	20,424	10,529	7,297	1,257	2,335	1,494	4,344
	2018	98,631	31,617	17,724	21,449	10,675	7,624	1,227	2,037	1,254	5,024
	2019	97,688	33,536	16,360	21,959	10,297	8,099	1,296	1,954	896	3,292
	2020	86,060	30,085	14,576	18,886	10,220	5,470	806	1,996	849	3,171
Algeria	2017	28,317	8,537	2,547	6,402	8,143	*1,544	..	743	*17	*384
	2018	29,914	10,189	3,749	5,822	7,634	*1,497	..	658	*18	*347
	2019	28,298	9,590	3,253	5,915	7,268	1,221	..	658	*15	*378
	2020	27,815	9,503	3,105	5,920	7,341	992	..	672	22	260
Angola	2017	2,556	607	35	947	278	350	74	27	52	186
	2018	1,858	436	5	614	244	228	53	17	36	225
	2019	2,519	615	39	1,072	333	305	74	28	24	28
	2020	1,828	548	11	574	348	139	25	25	143	16
Cameroon	2017	1,313	471	240	222	..	87	55	11	100	128
	2018	1,191	427	218	201	..	79	50	10	90	116
	2019	616	221	113	104	..	41	26	5	47	60
	2020	..	..	..	..	..	..	..	..	..	..
Chad	2017	*656	*340	*173	*24	..	*36	..	*28	*4	*52
	2018	*656	*348	*157	*24	..	*38	..	*32	*4	*53
	2019	*677	*353	*171	*26	..	*35	..	*35	*4	*54
	2020	*657	*351	*158	*25	..	*33	..	*36	*3	*52
Congo	2017	716	214	64	358	9	37	..	8	7	19
	2018	725	217	65	362	9	38	..	8	7	19
	2019	735	221	65	368	10	38	..	8	7	19
	2020	713	210	62	367	9	33	..	8	4	19
Côte d'Ivoire	2017	*3,064	*1,222	*888	*313	..	*327	19	*10	..	285
	2018	3,366	1,241	771	652	..	359	20	18	..	305
	2019	3,711	1,411	844	704	..	552	23	22	..	155
	2020	3,329	1,342	929	632	..	236	21	22	..	149
Egypt	2017	23,888	7,403	4,453	7,354	450	1,909	136	533	65	1,585
	2018	26,083	7,640	4,827	7,444	737	2,162	130	591	33	2,519
	2019	28,310	8,046	5,258	9,009	833	2,744	142	571	41	1,666
	2020	29,692	9,901	5,314	7,869	1,660	2,261	157	647	43	1,839
Gabon	2017	793	254	32	396	..	36	..	41	22	12
	2018	683	233	29	352	..	33	..	5	20	11
	2019	582	189	30	299	..	31	..	5	19	9
	2020	818	241	54	438	..	39	..	10	23	13
Ghana	2017	19	6	7	4	..	0	..	0	2	..
	2018	310	114	102	32	..	22	..	8	33	..
	2019	624	198	125	205	..	80	..	4	12	..
	2020	496	150	66	216	..	28	..	1	35	..
Libya	2017	4,793	1,332	470	1,676	667	455	97	43	24	30
	2018	5,598	1,563	391	1,850	948	646	113	35	17	35
	2019	4,259	1,116	227	1,263	1,073	421	87	35	10	27
	2020	1,722	450	91	509	432	170	35	14	11	11
Niger	2017	814	520	228	..	..	0	..	47	..	19
	2018	763	492	197	..	..	3	..	53	..	19
	2019	634	382	175	..	..	0	..	60	..	17
	2020	645	387	184	..	..	0	..	57	..	18

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Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Nigeria	2017	4,379	900	675	994	342	54	102	79	502	732
	2018	2,389	347	368	552	158	27	57	48	327	503
	2019	528	81	107	224	36	5	12	3	60	1
	2020	0	0	0	0	0	0	0	0	0	0
Senegal	2017	1,202	679	97	285	123	0	15	3	..	..
	2018	981	576	93	220	76	..	13	3	..	..
	2019	886	522	84	191	71	..	12	3	2	..
	2020	757	472	64	179	30	..	10	3	..	..
South Africa	2017	17,918	*5,861	5,983	895	420	2,379	723	405	619	631
	2018	19,125	5,417	5,668	2,753	618	2,444	758	246	605	616
	2019	21,120	8,539	4,795	2,238	632	2,587	886	221	596	628
	2020	12,803	4,258	3,492	1,570	200	1,503	524	199	504	552
Sudan	2017	3,609	1,797	1,063	51	4	82	20	329	4	258
	2018	3,320	1,696	925	114	9	38	*20	277	10	231
	2019	*3,390	*1,717	*937	*116	*9	*39	*20	*281	*38	*234
	2020	*3,331	*1,691	*923	*114	*9	*38	*20	*277	30	*230
Tunisia	2017	848	314	21	327	93	..	4	19	59	11
	2018	1,074	407	23	338	241	..	..	18	34	13
	2019	141	41	..	52	33	..	..	3	11	2
	2020	1,108	421	49	394	191	..	6	20	20	6
Zambia	2017	569	217	124	176	..	0	12	9	18	12
	2018	595	274	136	119	..	11	13	9	21	13
	2019	658	294	138	172	..	2	14	11	13	14
	2020	344	161	74	80	..	0	7	5	9	7
<b>Asia</b>	<b>2017</b>	<b>1,968,973</b>	<b>616,622</b>	<b>357,125</b>	<b>200,573</b>	<b>183,965</b>	<b>156,815</b>	<b>56,134</b>	<b>69,807</b>	<b>40,614</b>	<b>287,318</b>
	<b>2018</b>	<b>2,027,183</b>	<b>623,350</b>	<b>360,311</b>	<b>197,007</b>	<b>191,075</b>	<b>167,862</b>	<b>61,236</b>	<b>73,773</b>	<b>39,281</b>	<b>313,287</b>
	<b>2019</b>	<b>2,046,481</b>	<b>617,476</b>	<b>371,373</b>	<b>189,159</b>	<b>196,368</b>	<b>171,371</b>	<b>62,122</b>	<b>75,298</b>	<b>35,011</b>	<b>328,303</b>
	<b>2020</b>	<b>1,967,003</b>	<b>584,349</b>	<b>343,583</b>	<b>181,681</b>	<b>192,999</b>	<b>120,432</b>	<b>59,480</b>	<b>75,342</b>	<b>33,381</b>	<b>375,755</b>
Afghanistan	2017	*112	*44	*44	*12	..	..	..	..	..	*12
	2018	*176	*68	*68	*20	..	..	..	..	..	*20
	2019	*112	*44	*44	*12	..	..	..	..	..	*12
	2020	*46	*18	*18	*5	..	..	..	..	..	*5
Azerbaijan	2017	5,559	1,849	1,215	236	169	588	214	200	..	1,088
	2018	5,963	2,148	1,186	107	205	708	214	204	..	1,192
	2019	6,041	2,243	1,161	127	*243	667	242	198	..	1,161
	2020	5,795	2,181	1,167	62	217	519	228	187	..	1,234
Bahrain	2017	13,303	4,184	744	2,750	1,494	3,116	..	149	0	866
	2018	13,227	4,083	741	2,599	1,655	3,116	..	166	0	867
	2019	13,386	4,210	755	2,662	1,706	3,097	..	136	0	820
	2020	11,200	3,947	537	1,948	1,562	2,326	..	124	..	756
Bangladesh	2017	1,432	407	32	443	161	1	16	12	237	123
	2018	1,249	499	94	304	97	1	14	10	127	103
	2019	1,408	638	95	344	101	..	15	13	95	107
	2020	1,057	451	84	275	77	1	11	9	83	65
Brunei Darussalam	2017	232	104	73	..	..	46	3	..	6	..
	2018	320	110	133	..	..	55	18	..	4	..
	2019	1,330	422	325	..	..	248	14	75	3	243
	2020	8,137	2,682	1,505	5	687	334	4	601	5	2,315
China	2017	675,125	186,679	132,762	45,635	53,339	41,797	19,825	36,625	1,442	157,021
	2018	711,792	183,601	142,647	38,997	60,255	47,216	20,132	39,156	1,437	178,351
	2019	763,910	173,083	147,816	45,061	66,201	52,502	21,879	42,100	1,715	213,554
	2020	808,477	165,299	*141,618	57,807	71,907	*39,713	23,486	44,890	*2,531	261,227

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Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Georgia	2017	24	10	2	9	3	..	..	..	..	..
	2018	22	10	1	9	3	..	..	..	..	..
	2019	37	15	1	16	4	..	..	..	..	..
	2020	37	12	10	12	3	..	..	..	..	1
India	2017	260,900	108,466	37,784	9,486	18,786	14,594	*9,825	10,170	4,408	47,381
	2018	273,711	111,236	38,039	10,032	*18,536	*15,461	*14,117	*10,700	4,072	*51,518
	2019	263,195	111,841	38,616	8,609	*19,399	*15,212	*15,470	10,723	3,141	40,184
	2020	231,656	101,170	35,779	*6,882	*18,421	*7,077	*13,552	10,213	2,393	*36,169
Indonesia	2017	38,923	16,723	9,473	1,027	1,565	2,613	673	871	788	5,190
	2018	38,887	17,614	7,746	1,258	1,666	2,993	690	891	779	5,250
	2019	42,353	17,307	11,310	1,168	1,619	3,389	694	861	896	*5,110
	2020	40,742	16,769	11,496	*1,273	1,883	2,446	633	850	614	*4,779
Iran (Islamic Rep. of)	2017	87,782	26,937	22,130	19,707	3,000	1,592	1,581	2,123	2,820	7,892
	2018	87,516	28,608	17,743	22,136	3,030	1,633	*1,681	2,120	2,895	7,670
	2019	88,203	28,566	18,169	22,048	3,103	1,597	*1,679	2,215	2,829	8,000
	2020	82,221	27,049	17,091	21,364	2,919	895	*1,556	2,121	1,577	7,648
Iraq	2017	24,090	4,068	2,483	14,573	571	247	164	173	1,396	415
	2018	28,267	5,291	2,832	16,182	1,522	212	193	252	1,447	335
	2019	29,738	5,825	2,553	16,880	1,890	235	205	208	1,526	416
	2020	25,838	5,239	2,063	14,169	2,063	106	178	237	1,329	454
Israel	2017	14,088	4,628	2,766	2,667	1,201	1,127	569	362	..	767
	2018	14,782	4,789	3,055	2,576	1,153	1,325	567	422	..	895
	2019	15,268	5,389	2,946	2,425	1,383	1,420	615	425	..	665
	2020	12,832	4,973	2,491	1,531	1,392	557	706	374	..	807
Japan	2017	157,198	45,619	39,157	15,334	13,175	11,501	6,515	4,416	12,796	8,686
	2018	150,956	44,574	37,464	14,735	12,385	12,194	6,356	3,755	10,780	8,713
	2019	147,427	44,287	36,020	14,321	12,546	12,238	5,833	3,401	10,777	8,004
	2020	121,298	37,088	31,997	12,589	9,091	5,045	4,988	2,846	10,655	6,999
Jordan	2017	2,671	845	557	564	..	287	*33	78	54	253
	2018	2,264	738	483	458	..	319	42	65	11	149
	2019	2,140	759	507	369	..	163	*40	68	*35	*199
	2020	1,786	614	366	342	..	143	*35	54	78	*154
Kazakhstan	2017	13,619	4,352	3,055	3,365	..	302	161	1,077	0	1,307
	2018	14,617	4,664	3,955	2,948	..	387	177	995	5	1,486
	2019	15,910	5,033	4,533	2,875	..	629	264	1,035	5	1,536
	2020	14,925	4,674	4,482	2,255	..	444	343	1,047	3	1,678
Korea, Dem.Ppl's.Rep.	2017	515	191	178	109	..	..	..	..	37	..
	2018	515	191	178	109	..	..	..	..	37	..
	2019	515	191	178	109	..	..	..	..	37	..
	2020	515	191	178	109	..	..	..	..	37	..
Korea, Republic of	2017	153,142	46,583	18,343	9,874	35,356	21,944	3,831	2,773	2,722	11,716
	2018	158,099	48,366	19,601	10,200	36,933	21,571	4,365	2,922	2,729	11,412
	2019	157,811	49,425	19,722	8,526	36,758	21,544	4,729	2,882	2,781	11,444
	2020	147,105	47,180	16,770	11,204	33,734	14,199	4,370	2,476	5,745	11,427
Kuwait	2017	32,150	8,476	2,113	8,723	5,675	1,731	310	189	4,362	571
	2018	32,450	8,397	2,097	8,642	5,613	1,855	322	193	4,676	654
	2019	30,906	8,168	2,587	8,357	5,561	1,573	288	166	3,965	241
	2020	26,138	8,866	2,189	4,165	5,546	1,328	265	154	3,348	277
Kyrgyzstan	2017	431	89	235	63	..	..	..	44	..	..
	2018	544	79	219	156	..	..	..	55	..	35
	2019	318	83	103	115	..	..	..	15	..	2
	2020	162	58	13	84	..	..	..	7	..	0

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Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Malaysia	2017	26,501	9,725	7,855	1,739	2,356	3,152	172	764	10	728
	2018	24,093	9,515	5,258	2,452	1,818	3,342	128	826	18	736
	2019	22,506	9,011	4,979	2,322	*1,506	3,165	113	783	17	*610
	2020	21,630	8,018	4,857	1,343	*2,818	3,226	130	493	7	*736
Myanmar	2017	406	151	145	78	..	15	..	..	0	17
	2018	247	115	70	37	..	11	..	..	0	13
	2019	207	103	52	23	..	12	..	6	0	11
	2020	237	94	53	35	..	8	..	7	0	40
Oman	2017	9,625	3,437	2,990	372	939	923	124	417	4	419
	2018	12,141	3,769	3,185	277	1,375	1,715	149	526	3	1,143
	2019	12,031	3,463	3,311	336	1,374	1,804	136	495	2	1,111
	2020	10,451	3,751	2,718	204	1,448	901	116	451	1	861
Other Asia	2017	44,406	13,343	8,463	4,953	7,667	3,780	1,887	1,018	2	3,292
	2018	46,752	14,379	8,537	4,173	8,696	4,087	2,295	1,131	5	3,449
	2019	46,305	14,847	8,141	3,690	8,587	4,111	2,331	1,050	2	3,546
	2020	38,920	11,352	6,416	4,447	7,680	3,226	2,071	771	4	2,953
Pakistan	2017	13,751	5,501	2,212	3,303	781	914	..	392	115	*534
	2018	13,472	5,232	2,383	3,398	794	783	33	210	113	526
	2019	11,939	4,715	2,183	2,702	570	799	21	442	107	400
	2020	9,872	3,725	2,033	2,290	374	*852	31	155	83	329
Philippines	2017	9,847	3,840	2,153	977	200	913	..	446	53	1,266
	2018	11,110	4,589	2,435	737	241	1,040	..	509	47	1,511
	2019	7,735	3,227	1,689	702	161	810	..	286	33	828
	2020	4,525	2,061	936	356	86	343	..	152	24	568
Qatar	2017	15,883	1,973	1,937	234	5,592	5,230	58	332	..	527
	2018	15,867	2,059	1,770	146	4,965	5,858	58	290	..	720
	2019	16,047	1,948	1,671	141	4,689	5,532	63	273	..	1,730
	2020	14,572	1,626	1,396	114	3,919	4,626	49	229	..	2,614
Saudi Arabia	2017	148,540	54,486	23,949	25,699	8,499	4,321	4,300	1,335	7,332	18,619
	2018	146,532	54,156	23,418	25,106	6,877	4,572	4,248	1,465	7,758	18,932
	2019	125,274	53,355	22,772	23,344	5,819	*4,043	*2,204	1,259	*4,804	7,674
	2020	115,982	49,979	19,624	19,106	5,117	6,861	*2,013	1,100	*2,949	9,233
Singapore	2017	53,684	10,967	9,108	5,383	4,494	11,864	3,251	224	205	8,188
	2018	49,002	9,185	8,491	5,461	2,898	11,862	3,107	833	250	6,915
	2019	50,315	10,734	8,122	4,924	4,296	11,347	2,978	873	256	6,786
	2020	42,417	9,120	6,634	4,211	3,605	9,641	2,442	742	223	5,799
Sri Lanka	2017	1,642	506	165	494	142	236	19	19	60	1
	2018	1,629	568	165	424	141	237	22	22	35	15
	2019	1,825	624	186	483	162	259	27	27	38	19
	2020	1,669	538	164	469	164	157	27	25	109	15
Syrian Arab Republic	2017	6,418	2,025	533	2,647	530	194	86	67	3	333
	2018	8,096	2,554	672	3,339	668	245	108	85	4	420
	2019	6,953	2,193	577	2,868	574	210	93	73	3	361
	2020	6,346	2,002	527	2,618	524	192	85	67	3	330
Tajikistan	2017	23	10	1	9	..	..	..	..	..	3
	2018	46	17	1	26	..	..	..	..	..	3
	2019	30	13	0	15	..	..	..	..	..	3
	2020	16	6	0	8	..	..	..	..	..	3
Thailand	2017	60,098	23,150	8,974	5,526	10,430	5,573	569	1,821	1,557	2,499
	2018	61,335	23,152	9,356	5,580	10,431	6,097	570	1,938	1,694	2,517
	2019	56,394	20,637	9,299	5,152	9,445	5,710	511	1,742	1,619	2,280
	2020	57,279	25,505	9,252	4,663	9,279	2,553	502	1,840	1,306	2,379

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Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Türkiye	2017	31,940	10,478	5,366	2,987	343	4,837	1,354	1,015	19	5,541
	2018	28,227	9,421	4,691	2,189	375	4,787	1,004	913	23	4,824
	2019	37,005	13,817	5,298	3,114	1,138	5,964	1,084	1,082	10	5,498
	2020	35,315	17,085	4,168	459	1,504	2,926	1,134	971	6	7,062
Turkmenistan	2017	8,526	2,770	2,610	1,690	..	464	112	360	150	370
	2018	8,566	2,770	2,610	1,690	..	510	106	360	150	370
	2019	8,507	2,770	2,610	1,690	..	453	104	360	150	370
	2020	8,313	2,770	2,610	1,690	..	261	102	360	150	370
United Arab Emirates	2017	46,361	10,427	3,819	9,608	7,427	12,398	387	1,039	..	1,256
	2018	48,737	10,929	3,578	9,854	8,300	12,931	406	829	..	1,910
	2019	45,284	11,343	6,412	2,958	7,123	11,829	377	587	..	4,655
	2020	40,054	10,660	6,026	2,780	6,694	8,636	333	552	..	4,374
Uzbekistan	2017	3,609	1,017	1,112	112	..	146	94	830	9	289
	2018	3,847	1,081	1,147	143	..	193	114	819	9	342
	2019	3,611	1,030	1,016	211	..	157	*114	830	6	247
	2020	3,368	954	1,044	170	..	124	91	750	4	231
Viet Nam	2017	6,122	2,481	2,565	136	..	352	..	444	..	144
	2018	10,301	4,286	4,109	200	..	444	..	988	..	274
	2019	12,815	5,647	5,470	178	..	559	..	496	..	465
	2020	14,888	6,315	5,173	440	..	699	..	410	..	1,852
Yemen	2017	295	82	25	50	72	16	..	20	28	2
	2018	1,826	507	154	308	443	101	..	124	173	14
	2019	1,690	469	143	286	410	94	..	115	160	13
	2020	1,180	328	100	199	286	66	..	80	112	9
<b>Europe</b>	<b>2017</b>	<b>969,768</b>	<b>349,950</b>	<b>167,322</b>	<b>141,037</b>	<b>73,357</b>	<b>49,291</b>	<b>38,189</b>	<b>46,882</b>	<b>12,790</b>	<b>90,950</b>
	<b>2018</b>	<b>966,237</b>	<b>343,184</b>	<b>167,803</b>	<b>133,235</b>	<b>73,133</b>	<b>52,839</b>	<b>37,845</b>	<b>47,332</b>	<b>13,624</b>	<b>97,242</b>
	<b>2019</b>	<b>962,571</b>	<b>347,608</b>	<b>164,414</b>	<b>129,442</b>	<b>70,276</b>	<b>52,792</b>	<b>37,685</b>	<b>47,561</b>	<b>13,482</b>	<b>99,311</b>
	<b>2020</b>	<b>865,117</b>	<b>324,275</b>	<b>146,699</b>	<b>108,439</b>	<b>67,026</b>	<b>29,557</b>	<b>35,187</b>	<b>43,820</b>	<b>11,075</b>	<b>99,038</b>
Albania	2017	503	158	..	0	40	..	19	..	..	285
	2018	291	104	..	..	29	..	9	..	..	150
	2019	323	76	0	..	23	..	7	..	..	217
	2020	131	10	..	..	18	..	3	..	..	100
Austria	2017	8,496	3,776	1,692	839	804	613	262	102	15	393
	2018	9,165	3,860	1,928	710	1,028	761	281	111	26	462
	2019	9,530	3,972	1,971	735	1,006	894	316	137	15	485
	2020	8,438	3,617	1,714	737	1,051	363	284	117	13	542
Belarus	2017	18,451	6,543	3,481	5,112	..	401	617	387	7	1,903
	2018	18,752	6,443	3,335	5,409	..	370	697	465	7	2,026
	2019	17,607	7,003	2,900	4,382	..	463	713	292	14	1,840
	2020	16,083	6,112	3,009	3,515	..	225	644	296	10	2,272
Belgium	2017	35,283	12,843	4,608	7,488	2,319	1,942	916	738	31	4,397
	2018	34,070	13,525	4,013	7,507	2,611	1,842	824	829	30	2,889
	2019	35,151	14,695	4,253	4,585	2,769	2,195	685	1,069	25	4,876
	2020	27,511	12,807	3,111	2,582	2,481	830	499	1,036	26	4,140
Bosnia and Herzegovina	2017	862	366	142	81	7	..	..	24	..	242
	2018	704	300	116	57	7	..	..	19	..	205
	2019	74	9	18	25	1	..	..	1	..	20
	2020	13	..	..	..	..	..	..	..	..	13
Bulgaria	2017	7,142	3,032	1,848	974	448	265	331	120	..	126
	2018	6,189	2,545	1,508	948	372	259	294	97	..	166
	2019	6,968	3,191	1,778	581	487	232	374	131	..	195
	2020	5,061	2,491	1,224	259	372	138	324	77	..	177

Table 24

## Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Croatia	2017	3,882	1,492	1,005	577	52	131	185	242	..	200
	2018	3,929	1,556	895	669	39	192	187	216	..	175
	2019	2,908	1,239	712	397	14	158	129	156	..	102
	2020	2,560	1,190	626	267	36	58	114	151	..	117
Czechia	2017	8,183	3,403	1,521	169	840	180	145	358	..	1,567
	2018	7,848	3,276	1,398	137	930	181	140	356	..	1,430
	2019	8,089	3,409	1,483	139	911	216	148	400	..	1,383
	2020	6,341	2,713	1,184	93	707	48	112	312	..	1,172
Denmark	2017	8,759	4,346	2,241	1,626	..	122	306	118	..	..
	2018	9,095	4,496	2,189	1,870	..	113	301	126	..	..
	2019	8,635	4,251	2,225	1,592	..	121	320	127	..	..
	2020	8,176	4,075	2,133	1,469	..	79	308	113	..	..
Finland	2017	14,727	6,306	4,403	1,614	103	755	574	285	..	687
	2018	14,866	6,376	4,435	1,543	70	794	586	254	..	808
	2019	14,808	6,324	4,441	1,412	133	750	632	289	..	827
	2020	13,668	5,919	4,209	1,549	91	302	570	245	..	783
France	2017	59,348	24,794	11,304	6,403	5,301	4,257	1,282	1,618	..	4,389
	2018	55,639	23,087	10,408	5,853	5,387	4,186	1,167	1,421	..	4,130
	2019	50,842	20,799	9,298	6,176	4,267	3,889	1,178	1,357	..	3,878
	2020	36,896	15,469	7,565	4,051	3,324	1,481	905	886	..	3,216
Germany	2017	101,529	43,432	19,806	7,376	7,635	5,347	4,051	3,419	9	10,454
	2018	97,088	40,743	20,718	7,296	6,373	5,101	3,742	3,224	2	9,889
	2019	97,682	41,610	20,269	7,034	6,662	5,077	3,835	3,232	4	9,959
	2020	93,170	41,655	19,621	6,220	6,820	2,519	3,538	2,885	..	9,912
Greece	2017	31,766	10,797	5,291	7,028	1,616	2,431	664	837	0	3,101
	2018	32,771	10,975	5,351	6,551	1,795	3,136	839	847	..	3,277
	2019	30,133	10,252	5,007	5,172	1,618	2,813	776	802	..	3,694
	2020	28,766	11,523	4,613	3,467	2,259	1,638	660	780	..	3,824
Hungary	2017	7,146	3,086	1,023	78	862	236	174	99	..	1,588
	2018	7,658	3,174	1,117	43	1,036	297	207	110	..	1,674
	2019	7,398	3,114	1,089	21	880	300	206	110	..	1,678
	2020	7,292	3,081	1,107	23	983	123	203	109	..	1,663
Ireland	2017	3,184	1,216	551	1,042	94	..	74	49	158	..
	2018	3,057	1,097	601	976	35	..	76	58	215	..
	2019	2,742	1,044	518	725	42	..	62	45	307	..
	2020	2,892	1,043	537	824	89	..	69	52	277	..
Italy	2017	74,946	29,521	15,679	8,511	6,391	2,218	2,718	1,348	487	8,072
	2018	71,741	28,996	15,601	6,858	5,108	2,770	2,790	1,228	721	7,670
	2019	73,437	31,469	16,377	6,709	4,965	2,706	2,733	1,269	471	6,738
	2020	60,231	25,795	12,231	5,628	3,919	1,289	2,322	1,290	333	7,423
Lithuania	2017	10,021	3,332	2,738	1,688	..	1,059	352	363	..	488
	2018	9,782	3,389	2,555	1,681	..	955	332	342	..	529
	2019	9,605	3,240	2,465	1,539	..	996	302	399	..	665
	2020	7,905	2,588	2,136	1,105	..	878	247	333	..	618
Netherlands	2017	59,664	19,148	2,951	11,684	10,993	7,654	2,099	1,557	398	3,180
	2018	60,920	18,441	3,937	11,077	11,572	8,929	1,946	1,481	211	3,327
	2019	61,855	20,552	3,997	8,909	11,446	8,810	2,291	1,562	305	3,983
	2020	55,352	20,431	3,862	9,024	10,801	4,521	1,921	1,307	260	3,224
Norway	2017	17,294	6,667	4,596	1,545	1,236	763	482	1,416	85	504
	2018	17,698	7,470	4,421	1,474	1,281	778	478	1,304	7	485
	2019	15,865	6,545	3,616	1,806	1,329	655	426	1,085	40	363
	2020	14,579	5,823	3,522	1,494	1,417	371	406	1,165	13	368

Table 24

## Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Poland	2017	26,694	11,884	3,916	3,436	1,935	1,119	542	545	0	3,315
	2018	28,226	12,491	4,208	3,630	2,000	1,339	623	605	0	3,329
	2019	28,457	12,859	4,312	3,115	2,020	1,355	702	630	0	3,464
	2020	26,988	12,893	3,982	2,011	2,138	616	777	657	0	3,914
Portugal	2017	15,478	5,935	2,749	2,645	1,321	1,361	9	214	0	1,245
	2018	14,063	5,224	2,501	2,626	1,018	1,432	11	205	0	1,047
	2019	12,762	4,614	2,401	2,114	1,091	1,346	13	165	0	1,018
	2020	11,908	4,783	1,956	2,416	953	588	16	162	0	1,033
Republic of Moldova	2017	15	1	..	11	..	..	..	..	..	3
	2018	10	2	..	6	..	..	..	..	..	2
	2019	5	..	..	4	..	..	..	..	..	1
	2020	7	..	4	2	..	..	..	..	..	0
Romania	2017	12,462	5,655	3,285	182	230	381	783	617	1	1,328
	2018	12,584	5,656	3,381	196	193	418	788	624	1	1,326
	2019	13,327	6,139	3,485	193	181	512	842	625	1	1,351
	2020	11,728	5,711	3,022	153	150	204	726	514	0	1,247
Russian Federation	2017	281,548	80,090	38,027	56,018	26,485	12,577	15,318	27,605	*252	25,176
	2018	285,776	77,464	39,053	50,147	27,236	12,982	*15,350	28,730	*315	34,499
	2019	297,661	81,560	39,494	58,417	25,783	13,176	*15,400	29,077	*428	34,325
	2020	280,926	79,113	37,915	50,823	25,010	10,934	*15,400	27,624	*400	33,708
Serbia	2017	3,638	1,401	499	380	441	155	53	127	..	582
	2018	3,858	1,572	516	361	449	190	59	83	..	628
	2019	3,495	1,458	445	257	398	155	62	94	..	626
	2020	3,607	1,594	451	203	456	88	63	100	..	653
Slovakia	2017	6,119	2,852	1,395	363	472	76	572	177	..	212
	2018	5,930	2,704	1,362	482	397	95	528	180	..	182
	2019	5,580	2,562	1,137	535	430	72	494	164	..	186
	2020	6,045	2,769	1,050	618	534	33	504	137	..	400
Spain	2017	65,766	27,143	9,101	5,532	1,368	189	2,346	1,401	9,300	9,386
	2018	67,599	27,167	9,211	6,000	1,756	381	2,236	1,311	10,038	9,499
	2019	65,221	27,005	9,087	5,056	1,438	454	2,113	1,167	9,816	9,085
	2020	55,673	24,240	7,822	2,443	1,309	155	1,907	920	7,839	9,038
Sweden	2017	21,132	8,082	4,674	4,010	83	22	733	421	..	3,107
	2018	21,649	8,504	5,003	5,150	188	204	822	499	..	1,279
	2019	18,078	5,698	3,653	4,413	293	259	489	446	..	2,827
	2020	19,720	5,975	3,558	3,860	248	122	570	401	..	4,986
Switzerland	2017	2,877	1,666	648	290	1	7	121	107	..	37
	2018	3,069	1,776	648	316	16	5	131	133	..	45
	2019	2,763	1,577	596	311	19	3	119	108	..	30
	2020	2,881	1,681	566	364	15	9	121	97	..	28
Ukraine	2017	3,050	680	731	444	..	..	36	411	..	748
	2018	4,008	*730	*818	429	..	..	35	397	..	1,599
	2019	*2,843	*813	*901	74	..	..	41	409	..	605
	2020	*2,693	*850	*815	75	..	..	40	305	..	608
United Kingdom	2017	59,805	20,303	17,416	3,893	2,280	5,031	2,424	2,178	2,047	4,234
	2018	58,205	20,043	16,575	3,233	2,209	5,129	2,368	2,079	2,053	4,516
	2019	58,726	20,528	16,488	3,016	2,072	5,185	2,277	2,214	2,057	4,890
	2020	47,876	18,323	13,155	3,167	1,844	1,943	1,933	1,749	1,903	3,860
Latin America & Carib.	2017	260,409	81,575	58,470	53,974	8,850	13,589	10,140	7,223	293	26,294
	2018	242,275	77,009	54,024	48,611	8,542	13,449	9,261	6,761	295	24,322
	2019	225,044	73,793	51,161	39,832	8,830	12,380	9,077	6,376	254	23,341
	2020	205,463	69,574	42,354	40,479	9,697	7,911	8,246	6,014	224	20,964



Table 24

## Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Argentina	2017	25,741	9,803	6,576	2,993	727	1,434	1,017	1,004	10	2,177
	2018	24,053	9,397	6,575	1,878	400	1,461	1,072	921	9	2,340
	2019	24,127	9,484	6,481	2,138	640	1,466	925	773	8	2,212
	2020	22,811	9,159	4,986	2,642	1,161	1,461	876	646	9	*1,872
Bolivia (Plur. State of)	2017	2,439	745	1,035	..	0	190	98	135	16	220
	2018	2,326	724	997	..	0	179	98	134	18	175
	2019	2,020	582	916	..	0	177	89	111	20	123
	2020	1,964	623	963	..	0	85	95	108	14	76
Brazil	2017	93,083	35,321	19,406	11,646	2,248	5,041	4,549	4,036	5	10,831
	2018	91,463	36,396	17,550	10,761	2,944	5,200	4,264	4,016	5	10,327
	2019	91,193	35,557	17,684	11,626	3,250	4,916	4,022	3,926	5	10,207
	2020	94,945	36,687	16,068	16,643	4,486	2,703	4,058	3,971	4	10,325
Chile	2017	9,648	3,073	3,055	1,170	75	592	211	286	161	1,025
	2018	9,727	3,052	2,964	1,149	64	635	215	434	162	1,051
	2019	10,245	3,077	3,319	993	137	880	242	543	161	894
	2020	8,507	2,529	2,626	997	60	491	175	461	153	1,015
Colombia	2017	17,180	5,762	3,579	2,852	1,070	1,124	..	619	..	2,174
	2018	19,408	7,190	4,458	3,260	1,164	1,227	..	278	..	1,831
	2019	19,254	6,458	4,384	3,036	942	1,144	253	274	5	2,759
	2020	15,588	6,295	3,085	1,656	1,509	876	254	307	1	1,605
Cuba	2017	2,632	714	139	1,255	289	68	3	51	3	110
	2018	2,751	703	212	1,313	301	66	4	30	7	116
	2019	1,789	447	199	766	192	83	5	22	1	73
	2020	2,185	541	291	903	282	37	14	39	4	74
Curaçao	2017	4,295	845	1,181	1,366	63	286	106	24	..	425
	2018	3,060	641	843	1,037	48	215	52	18	..	208
	2019	0	0	0	0	0	0	0	0	..	0
	2020	..	..	..	..	..	..	..	..	..	..
Dominican Republic	2017	899	274	189	254	..	154	10	11	6	..
	2018	1,208	356	256	372	..	189	14	14	8	..
	2019	1,156	328	251	329	..	193	11	27	16	..
	2020	462	129	95	130	..	86	4	11	7	..
Ecuador	2017	7,751	1,876	1,262	3,108	..	383	59	164	..	898
	2018	8,136	1,820	1,335	3,572	..	365	51	145	..	848
	2019	7,158	1,741	1,230	2,866	..	360	50	88	..	824
	2020	5,949	1,310	943	2,607	..	192	40	100	..	757
Guatemala	2017	85	47	..	..	..	..	..	..	0	38
	2018	147	50	..	..	..	..	..	..	..	97
	2019	203	57	..	..	..	..	..	..	..	146
	2020	175	*65	..	..	..	..	..	..	..	110
Jamaica	2017	1,048	108	143	677	40	50	..	13	..	18
	2018	1,032	102	119	729	0	61	..	11	..	*10
	2019	1,240	125	154	884	..	60	..	7	..	*10
	2020	1,099	183	129	730	..	38	..	9	..	*10
Mexico	2017	44,357	11,165	10,715	12,360	2,441	1,884	2,445	504	..	2,843
	2018	33,417	5,966	8,654	10,550	2,046	1,589	1,816	317	..	2,479
	2019	32,418	6,972	8,213	8,472	2,201	1,234	2,319	222	..	2,785
	2020	32,316	6,427	7,993	10,019	1,747	796	2,162	172	..	3,000
Nicaragua	2017	692	169	101	318	..	29	18	20	8	31
	2018	639	210	96	240	..	18	15	17	8	34
	2019	518	233	108	96	..	17	24	21	6	14
	2020	516	267	111	77	..	7	24	16	5	9

Table 24

## Production of oil products from refineries - by type

Thousand metric tons

Country or area	Year	Total	Gas/ diesel oil	Motor gasoline	Fuel oil	Naphtha	Jet fuels	Refinery gas	LPG	Other kerosene	Other products
Peru	2017	8,370	2,899	1,259	3,001	..	612	124	189	..	287
	2018	8,012	2,716	1,276	2,780	..	625	139	201	..	276
	2019	7,581	2,560	1,409	2,316	..	686	149	214	..	248
	2020	4,660	2,415	1,107	570	..	206	50	46	..	266
Suriname	2017	685	293	64	323	..	..	..	..	..	5
	2018	671	301	66	300	..	..	..	..	..	4
	2019	637	311	61	255	..	..	..	..	..	10
	2020	618	292	59	262	..	..	..	..	..	5
Trinidad and Tobago	2017	6,387	1,468	1,601	2,345	0	509	52	63	29	321
	2018	5,032	1,178	1,435	1,810	..	397	88	39	24	61
	2019	..	..	..	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..	..	..	..
Uruguay	2017	557	191	149	105	..	31	18	22	5	36
	2018	2,073	883	533	242	..	105	58	106	5	141
	2019	1,991	850	549	225	..	100	54	102	4	108
	2020	1,845	845	511	214	..	42	61	96	6	70
Venezuela (Bolivar. Rep.)	2017	34,559	6,821	8,018	10,201	1,897	1,204	1,430	83	51	4,855
	2018	29,120	5,325	6,656	8,618	1,575	1,119	1,374	80	49	4,324
	2019	23,514	5,011	6,203	5,831	1,468	1,064	934	45	28	2,928
	2020	11,823	1,808	3,388	3,028	452	892	433	33	20	1,769
<b>Northern America</b>	<b>2017</b>	<b>930,594</b>	<b>269,867</b>	<b>393,470</b>	<b>28,481</b>	<b>10,140</b>	<b>84,427</b>	<b>17,950</b>	<b>11,784</b>	<b>1,091</b>	<b>113,385</b>
	<b>2018</b>	<b>945,712</b>	<b>275,001</b>	<b>395,695</b>	<b>28,808</b>	<b>11,235</b>	<b>89,096</b>	<b>18,536</b>	<b>11,318</b>	<b>1,162</b>	<b>114,861</b>
	<b>2019</b>	<b>940,999</b>	<b>275,051</b>	<b>387,545</b>	<b>24,709</b>	<b>9,405</b>	<b>88,725</b>	<b>18,672</b>	<b>11,315</b>	<b>720</b>	<b>124,857</b>
	<b>2020</b>	<b>812,272</b>	<b>255,477</b>	<b>339,765</b>	<b>15,122</b>	<b>8,221</b>	<b>50,005</b>	<b>16,760</b>	<b>9,851</b>	<b>789</b>	<b>116,283</b>
Canada	2017	92,827	32,268	33,229	4,739	1,749	5,661	2,645	1,524	756	10,256
	2018	89,859	29,953	30,891	5,196	1,939	5,540	2,948	1,362	728	11,302
	2019	108,474	32,373	31,132	4,994	1,166	5,548	3,844	1,637	247	27,532
	2020	97,925	31,765	28,791	3,724	963	2,636	3,176	1,406	218	25,246
United States	2017	837,767	237,599	360,241	23,742	8,391	78,766	15,305	10,260	335	103,129
	2018	855,853	245,048	364,804	23,612	9,296	83,556	15,588	9,956	434	103,559
	2019	832,525	242,678	356,414	19,715	8,239	83,176	14,827	9,679	473	97,326
	2020	714,347	223,712	310,974	11,398	7,258	47,370	13,583	8,446	571	91,037
<b>Oceania</b>	<b>2017</b>	<b>27,855</b>	<b>9,760</b>	<b>9,459</b>	<b>1,220</b>	<b>838</b>	<b>4,162</b>	<b>1,021</b>	<b>535</b>	<b>52</b>	<b>809</b>
	<b>2018</b>	<b>28,567</b>	<b>9,972</b>	<b>9,771</b>	<b>1,353</b>	<b>743</b>	<b>4,422</b>	<b>1,058</b>	<b>546</b>	<b>56</b>	<b>646</b>
	<b>2019</b>	<b>30,802</b>	<b>10,044</b>	<b>9,660</b>	<b>1,410</b>	<b>433</b>	<b>4,545</b>	<b>1,065</b>	<b>548</b>	<b>52</b>	<b>3,045</b>
	<b>2020</b>	<b>27,207</b>	<b>9,364</b>	<b>8,392</b>	<b>920</b>	<b>606</b>	<b>2,979</b>	<b>897</b>	<b>542</b>	<b>53</b>	<b>3,454</b>
Australia	2017	21,135	7,275	8,131	644	318	2,841	757	518	7	643
	2018	22,070	7,706	8,401	765	310	3,041	808	529	6	503
	2019	23,680	7,595	8,171	909	..	3,162	807	534	..	2,503
	2020	21,217	7,020	7,164	740	..	2,326	713	525	..	2,729
New Zealand	2017	5,343	1,942	1,328	435	..	1,221	264	..	..	153
	2018	5,330	1,790	1,370	465	..	1,325	250	..	..	130
	2019	6,053	2,028	1,489	422	..	1,330	258	..	..	527
	2020	4,637	1,803	1,229	80	..	638	184	..	..	704
Papua New Guinea	2017	1,378	543	0	141	520	100	..	17	45	13
	2018	1,167	475	..	122	433	56	..	17	51	14
	2019	1,069	422	..	80	433	53	..	14	52	16
	2020	1,352	541	..	101	606	15	..	17	53	20