

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 67: Production of selected oil products from refineries, 1990-2021

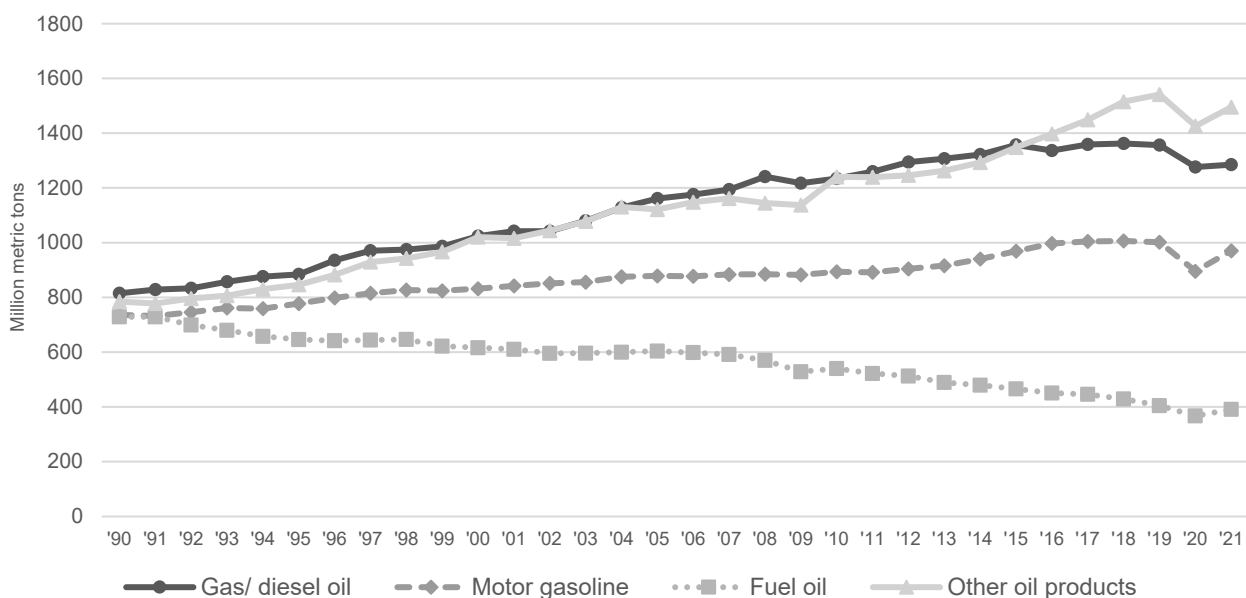


Table 25

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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	2018	4,312,782	1,362,332	1,006,504	428,894	296,339	335,888	129,218	142,542	55,377	555,688
	2019	4,303,838	1,356,440	1,001,682	404,397	295,670	338,723	129,870	143,271	50,912	582,873
	2020	3,964,537	1,275,979	895,643	366,750	291,208	209,093	121,798	137,875	48,777	617,414
	2021	4,141,884	1,284,908	970,347	391,204	311,418	226,301	128,622	149,877	47,505	631,701
Africa	2018	99,299	31,639	17,724	21,524	10,675	7,645	1,227	2,315	1,257	5,294
	2019	97,529	33,551	16,360	21,973	10,066	8,131	1,291	1,953	873	3,333
	2020	87,665	30,428	14,822	19,235	10,375	5,736	829	2,032	820	3,388
	2021	82,758	28,728	12,886	18,562	11,175	4,593	710	1,825	813	3,466
Algeria	2018	29,933	10,189	3,749	5,822	7,634	1,515	..	658	*19	347
	2019	28,256	9,590	3,253	5,915	7,268	1,221	..	658	*16	335
	2020	27,815	9,503	3,105	5,920	7,341	992	..	672	22	260
	2021	27,985	9,730	3,406	5,447	7,572	849	..	705	11	265
Angola	2018	1,897	436	5	614	244	228	53	17	36	264
	2019	2,563	615	39	1,072	333	329	74	28	24	49
	2020	1,995	548	11	574	348	294	25	25	143	27
	2021	1,859	481	14	569	356	225	25	25	121	44
Cameroon	2018	1,191	427	218	201	..	79	50	10	90	116
	2019	616	221	113	104	..	41	26	5	47	60
	2020	..	..	..	..	..	..	..	..	..	..
	2021	..	..	..	..	..	..	..	..	..	..
Chad	2018	*656	*348	*157	*24	..	*38	..	*32	*4	*53
	2019	*680	*353	*171	*26	..	*37	..	*35	*4	*54
	2020	*705	*368	*181	*20	..	*39	..	*42	*3	*52
	2021	*773	*407	*201	*26	..	*39	..	*46	*4	*53
Congo	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
	2021	738	218	64	380	9	34	..	8	5	19
Côte d'Ivoire	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
	2021	4,111	1,648	1,287	701	..	268	24	13	..	170
Egypt	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
	2021	27,332	8,856	4,146	8,053	1,935	1,695	159	601	33	1,855
Gabon	2018	671	254	29	313	..	36	..	5	22	11
	2019	619	203	30	313	..	36	..	5	22	9
	2020	818	241	54	438	..	39	..	10	23	13
	2021	932	304	66	492	..	28	..	11	17	14
Ghana	2018	310	114	102	32	..	22	..	8	33	..
	2019	624	198	125	205	..	80	..	4	12	..
	2020	496	150	66	216	..	28	..	1	35	..
	2021	285	70	43	145	..	1	..	2	24	..
Libya	2018	5,598	1,563	391	1,850	948	646	113	35	17	35
	2019	4,020	1,116	227	1,263	842	421	82	34	10	25
	2020	2,839	787	160	891	594	297	58	24	11	18
	2021	3,772	1,011	205	1,143	762	499	77	30	19	24
Niger	2018	763	492	197	3	..	53	..	19
	2019	634	382	175	0	..	60	..	17
	2020	767	455	250	0	..	60	..	2
	2021	722	425	*227	55	..	*15

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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
Nigeria	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
	2021	123	62	..	47	..	1	..	..	13	..
Senegal	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	..	..
	2021	868	520	78	187	68	..	11	3	..	..
South Africa	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
	2021	8,976	3,227	2,240	751	210	916	384	137	537	573
South Sudan	2018	..	..	..	..	..	..	..	..	..	..
	2019	..	..	..	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..	..	..	..
	2021	110	110	..	..	..	..	..	..	..	..
Sudan	2018	3,943	1,696	925	228	9	38	*20	555	10	462
	2019	*3,427	*1,717	*937	*116	*9	*39	*20	*281	*10	*299
	2020	3,483	1,611	1,011	*85	*1	15	*20	293	*2	*445
	2021	*2,526	*986	*817	*66	*1	*38	*20	*161	*10	*426
Tunisia	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
	2021	1,593	657	78	537	260	..	9	27	18	7
Zambia	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
	2021	54	18	14	17	..	..	1	0	2	1
Asia	2018	2,031,119	625,528	361,487	195,363	192,014	168,640	61,369	74,270	38,983	313,466
	2019	2,049,689	616,461	372,557	187,029	196,835	172,385	62,608	75,584	35,534	330,696
	2020	1,971,785	586,748	345,153	182,521	195,043	114,463	60,125	75,625	35,816	376,291
	2021	2,082,119	600,220	382,793	199,760	215,366	116,182	64,666	84,533	34,292	384,306
Afghanistan	2018	*176	*68	*68	*20	..	..	..	..	..	*20
	2019	*112	*44	*44	*12	..	..	..	..	..	*12
	2020	*46	*18	*18	*5	..	..	..	..	..	*5
	2021	*50	*19	*20	*5	..	..	..	..	..	*6
Azerbaijan	2018	5,963	2,148	1,186	107	205	708	214	204	..	1,192
	2019	6,045	2,243	1,161	127	247	667	242	198	..	1,161
	2020	5,795	2,181	1,167	62	217	519	228	187	..	1,234
	2021	6,572	2,482	1,266	106	378	492	246	270	..	1,332
Bahrain	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
	2021	11,517	4,440	472	2,250	1,635	1,932	..	110	..	678
Bangladesh	2018	1,249	499	94	304	97	1	14	10	127	103
	2019	1,408	638	95	344	101	..	15	13	95	107
	2020	1,058	451	84	275	77	1	12	9	83	65
	2021	1,545	726	75	416	144	..	17	12	73	82
Brunei Darussalam	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
	2021	7,889	2,540	1,497	..	1,050	94	..	613	5	2,090

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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
China	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
	2021	842,814	168,470	*159,603	60,407	83,808	*40,206	24,797	47,855	*1,303	256,366
Georgia	2018	22	10	1	9	3	..	..	..	..	..
	2019	37	15	1	16	4	..	..	..	..	..
	2020	37	12	10	12	3	..	..	..	..	1
	2021	50	18	9	18	4	..	..	..	..	1
India	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
	2021	256,275	107,980	40,238	8,237	19,994	*10,261	*14,746	12,238	1,916	*40,665
Indonesia	2018	38,887	17,614	7,746	1,258	1,666	2,993	690	891	779	5,250
	2019	41,413	17,307	11,310	1,168	1,619	3,389	694	861	896	4,170
	2020	40,752	16,769	11,496	*1,273	1,883	2,446	628	850	614	4,794
	2021	40,672	17,883	10,942	*3,928	27	1,924	564	864	*415	4,124
Iran (Islamic Rep. of)	2018	87,365	28,608	17,743	22,136	3,030	1,633	1,529	2,120	2,895	7,670
	2019	87,054	28,566	18,169	22,048	2,594	1,461	1,946	2,396	2,107	7,768
	2020	84,376	27,049	17,091	21,364	3,904	806	2,008	2,262	2,212	7,679
	2021	87,887	28,404	18,065	21,984	4,127	1,132	2,081	2,350	1,752	7,992
Iraq	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	25,820	5,239	2,063	14,169	2,063	106	178	237	1,312	454
	2021	25,367	4,976	1,940	13,458	2,456	176	203	236	1,382	541
Israel	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
	2021	13,411	5,186	2,686	1,637	1,402	694	496	429	..	883
Japan	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	121,293	37,088	31,997	12,589	9,086	5,045	4,988	2,846	10,655	6,999
	2021	128,964	39,274	33,455	14,219	9,868	6,711	5,401	2,963	9,837	7,236
Jordan	2018	2,264	738	483	458	..	319	42	65	11	149
	2019	2,174	759	547	369	..	163	*40	68	*35	*193
	2020	1,780	614	366	342	..	143	*35	54	78	*149
	2021	1,911	650	443	356	..	201	*36	61	54	*110
Kazakhstan	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
	2021	17,257	4,980	4,811	2,842	..	606	930	1,464	9	1,616
Korea, Dem.Ppl's.Rep.	2018	515	191	178	109	..	..	..	..	37	..
	2019	515	191	178	109	..	..	..	..	37	..
	2020	515	191	178	109	..	..	..	..	37	..
	2021	515	191	178	109	..	..	..	..	37	..
Korea, Republic of	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
	2021	147,548	45,283	19,526	11,300	33,600	12,255	4,061	2,532	6,925	12,066
Kuwait	2018	32,450	8,397	2,097	8,642	5,613	1,855	322	193	4,676	654
	2019	31,327	8,168	2,587	8,357	5,561	1,573	288	166	3,965	662
	2020	27,479	8,866	2,189	5,122	5,528	1,328	265	154	3,348	679
	2021	33,571	9,300	2,613	6,367	7,319	1,917	315	151	4,831	757

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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
Kyrgyzstan	2018	544	79	219	156	..	..	..	55	..	35
	2019	318	83	103	115	..	..	..	15	..	2
	2020	162	58	13	84	..	..	..	7	..	0
	2021	269	97	21	151	..	..	..	..	..	..
Malaysia	2018	24,093	9,515	5,258	2,452	1,818	3,342	128	826	18	736
	2019	21,227	8,359	5,064	1,400	*1,506	3,363	135	783	8	*610
	2020	21,710	9,063	4,846	1,214	*2,818	2,383	144	493	12	*736
	2021	20,591	6,066	6,438	1,510	*1,995	2,312	142	1,613	10	*504
Myanmar	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
	2021	185	74	49	34	..	12	..	6	..	10
Oman	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
	2021	11,511	4,593	3,110	60	1,535	764	137	515	1	796
Other Asia	2018	51,947	15,976	9,485	4,637	9,663	4,541	2,550	1,257	5	3,833
	2019	51,450	16,497	9,046	4,100	9,541	4,568	2,590	1,166	2	3,940
	2020	43,288	12,614	7,129	4,941	8,533	3,584	2,345	857	5	3,281
	2021	46,493	13,198	8,933	4,743	9,198	3,260	2,421	1,093	5	3,641
Pakistan	2018	12,617	4,969	2,283	2,909	571	826	*33	459	113	*453
	2019	10,044	3,965	1,986	2,251	396	590	*32	410	87	*326
	2020	11,566	4,901	2,535	2,580	380	494	*37	199	95	345
	2021	11,401	4,713	2,496	2,408	335	629	*36	203	95	485
Philippines	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
	2021	3,743	1,717	833	30	0	270	..	150	22	722
Qatar	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
	2021	17,176	2,465	1,655	1,128	6,016	3,493	57	1,436	..	927
Saudi Arabia	2018	145,748	53,377	23,854	24,312	7,175	4,895	4,248	1,521	7,459	18,907
	2019	129,546	52,588	23,197	22,605	6,072	4,848	*2,204	1,307	6,077	10,648
	2020	112,331	49,260	19,990	18,501	5,340	1,984	*2,013	1,142	4,890	9,211
	2021	138,210	55,489	23,826	22,536	7,570	2,072	*3,327	1,248	3,858	*18,285
Singapore	2018	50,846	11,221	8,491	5,180	2,898	11,862	3,154	913	250	6,877
	2019	49,843	10,512	8,122	4,853	4,296	11,347	2,916	855	256	6,686
	2020	41,391	8,757	6,634	4,043	3,605	9,641	2,345	712	83	5,571
	2021	41,906	8,902	7,160	4,110	3,519	9,410	2,335	724	84	5,662
Sri Lanka	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
	2021	1,219	371	124	359	107	131	10	17	98	3
Syrian Arab Republic	2018	6,779	2,138	563	2,796	559	205	91	71	3	352
	2019	6,087	1,920	505	2,511	502	184	81	64	3	316
	2020	6,346	2,002	527	2,618	524	192	85	67	3	330
	2021	6,136	1,936	509	2,531	506	186	82	65	3	319
Tajikistan	2018	46	17	1	26	3
	2019	30	13	0	15	3
	2020	16	6	0	8	3
	2021	22	8	0	10	3

Table 25

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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
Thailand	2018	61,340	23,152	9,356	5,580	10,437	6,097	570	1,938	1,694	2,517
	2019	56,403	20,637	9,299	5,152	9,454	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
	2021	49,240	18,465	8,802	5,260	9,129	1,342	497	1,918	1,325	2,503
Türkiye	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
	2021	37,795	17,391	4,612	1,602	1,895	3,306	1,158	1,014	2	6,815
Turkmenistan	2018	8,564	2,770	2,610	1,690	..	508	106	360	150	370
	2019	8,431	2,770	2,610	1,690	..	377	104	360	150	370
	2020	8,153	2,770	2,610	1,690	..	101	102	360	150	370
	2021	8,113	2,770	2,610	1,690	..	63	100	360	150	370
United Arab Emirates	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
	2021	45,666	11,941	7,223	3,258	7,499	9,852	380	613	..	4,900
Uzbekistan	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
	2021	3,654	799	1,044	308	..	118	91	804	4	486
Viet Nam	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
	2021	13,938	6,138	5,420	218	..	303	..	538	..	1,322
Yemen	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
	2021	1,034	287	87	175	251	57	..	70	98	8
Europe	2018	966,159	343,184	167,803	133,235	73,133	52,839	37,767	47,332	13,624	97,242
	2019	962,477	347,608	164,414	129,442	70,276	52,792	37,591	47,561	13,482	99,311
	2020	865,067	324,275	146,699	108,454	67,026	29,557	35,122	43,820	11,075	99,038
	2021	889,742	327,725	156,606	111,255	67,663	32,039	35,721	45,330	11,464	101,940
Albania	2018	291	104	..	..	29	..	9	..	..	150
	2019	323	76	0	..	23	..	7	..	..	217
	2020	131	10	..	..	18	..	3	..	..	100
	2021	158	..	..	..	22	..	3	..	..	133
Austria	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
	2021	8,328	3,471	1,766	645	1,087	344	296	150	9	560
Belarus	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
	2021	16,083	6,112	3,009	3,515	..	225	644	296	10	2,272
Belgium	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
	2021	30,722	14,582	3,244	2,472	2,552	712	610	1,061	35	5,455
Bosnia and Herzegovina	2018	704	300	116	57	7	..	..	19	..	205
	2019	74	9	18	25	1	..	..	1	..	20
	2020	13	..	..	..	..	..	..	..	..	13
	2021	13	..	..	..	..	..	..	..	..	13

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
Bulgaria	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
	2021	4,437	2,127	1,002	209	338	177	290	64	..	232
Croatia	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
	2021	2,428	1,122	585	291	9	80	99	153	..	90
Czechia	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
	2021	7,399	3,169	1,456	82	888	65	135	394	..	1,210
Denmark	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	..	..
	2021	8,177	4,028	2,133	1,505	..	92	326	92	..	..
Finland	2018	14,788	6,376	4,435	1,543	70	794	508	254	..	808
	2019	14,714	6,324	4,441	1,412	133	750	538	289	..	827
	2020	13,593	5,919	4,209	1,549	91	302	495	245	..	783
	2021	9,872	3,988	3,292	1,179	32	407	359	174	..	441
France	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	36,911	15,469	7,565	4,066	3,324	1,481	905	886	..	3,216
	2021	36,175	15,158	7,299	4,124	3,508	1,105	754	1,029	..	3,198
Germany	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
	2021	93,398	39,285	19,139	7,421	7,382	2,892	3,481	3,025	13	10,760
Greece	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
	2021	30,538	11,352	5,131	4,977	2,094	1,902	738	860	..	3,486
Hungary	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
	2021	7,222	3,002	1,041	61	1,018	141	180	108	..	1,671
Ireland	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	..
	2021	3,057	1,086	544	971	89	..	70	42	255	..
Italy	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
	2021	68,804	30,296	15,421	7,431	3,396	1,422	2,364	1,387	88	6,999
Lithuania	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
	2021	8,086	2,595	2,385	1,145	..	770	278	341	..	572
Netherlands (Kingd. of the)	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
	2021	58,943	22,966	4,345	7,742	10,553	4,381	2,188	1,549	539	4,679

Table 25

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
Norway	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
	2021	13,826	5,010	4,147	669	1,395	465	424	1,231	0	484
Poland	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
	2021	26,626	13,066	3,897	1,919	1,857	758	851	649	0	3,630
Portugal	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
	2021	11,186	4,361	2,146	2,474	689	662	36	119	0	698
Republic of Moldova	2018	10	2	..	6	..	..	..	..	..	2
	2019	6	0	..	4	..	..	..	..	..	1
	2020	7	..	4	2	..	..	..	..	..	0
	2021	2	..	..	2	..	..	..	..	..	0
Romania	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
	2021	11,118	5,182	2,939	182	166	231	696	491	..	1,231
Russian Federation	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
	2021	290,268	80,557	40,285	51,575	26,043	12,886	*15,400	27,921	*400	35,200
Serbia	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
	2021	3,915	1,795	505	100	540	120	70	117	..	669
Slovakia	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
	2021	6,034	2,731	1,103	540	584	37	556	129	..	354
Spain	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
	2021	58,057	24,186	9,668	2,645	1,444	316	1,953	1,240	8,379	8,227
Sweden	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
	2021	21,411	6,418	4,561	3,936	358	16	929	626	..	4,566
Switzerland	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
	2021	2,372	1,360	499	294	21	..	102	70	..	27
Ukraine	2018	4,008	*730	*818	429	..	..	35	397	..	1,599
	2019	*2,843	*813	*901	74	..	..	41	409	..	605
	2020	*2,703	*850	*815	75	..	..	50	305	..	608
	2021	*2,926	*850	*711	82	..	..	55	306	..	923
United Kingdom	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
	2021	48,162	17,868	14,353	3,068	1,599	1,834	1,836	1,708	1,734	4,160

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
Latin America & Carib.	2018	241,926	77,009	54,024	48,611	8,540	13,246	9,261	6,761	295	24,179
	2019	224,514	73,740	51,188	39,835	8,656	12,134	9,077	6,380	254	23,251
	2020	202,909	69,756	40,888	40,581	9,938	6,346	8,252	6,004	224	20,921
	2021	216,793	71,124	47,783	44,684	8,375	8,301	9,589	6,351	247	20,339
Argentina	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	21,892	9,159	4,986	2,683	1,157	520	876	629	9	*1,872
	2021	22,772	9,557	5,630	2,059	1,097	592	1,060	721	7	2,050
Bolivia (Plur. State of)	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
	2021	1,980	543	1,038	..	0	111	92	106	17	73
Brazil	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
	2021	95,718	35,980	18,808	16,352	3,347	3,260	4,430	3,984	4	9,553
Chile	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
	2021	9,416	3,053	2,802	1,087	233	365	192	489	177	1,021
Colombia	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
	2021	19,754	7,365	4,190	2,716	1,509	1,174	541	406	7	1,847
Cuba	2018	2,751	703	212	1,313	301	66	4	30	7	116
	2019	1,701	447	199	766	105	83	5	22	1	73
	2020	2,052	541	291	903	148	37	14	39	4	74
	2021	1,461	382	107	664	172	37	8	28	4	59
Curaçao	2018	3,060	641	843	1,037	48	215	52	18	..	208
	2019	0	0	0	0	0	0	0	0	..	0
	2020	..	..	..	..	..	..	..	..	..	..
	2021	..	..	..	..	..	..	..	..	..	..
Dominican Republic	2018	1,208	356	256	372	..	189	14	14	8	..
	2019	1,156	328	251	329	..	193	11	27	16	..
	2020	475	129	95	136	..	86	4	17	7	..
	2021	977	292	108	366	..	158	11	35	7	..
Ecuador	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
	2021	7,400	1,679	1,089	3,380	..	277	44	102	..	829
Guatemala	2018	147	50	..	..	..	..	..	..	..	97
	2019	146	..	..	..	..	..	..	..	..	146
	2020	110	..	..	..	..	..	..	..	..	110
	2021	132	..	..	..	..	..	..	..	..	132
Jamaica	2018	1,032	102	119	729	0	61	..	11	..	*10
	2019	1,291	128	181	887	..	65	..	11	..	*20
	2020	1,167	183	138	785	..	41	..	9	..	11
	2021	1,011	162	120	680	..	33	..	4	..	11
Mexico	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	32,360	6,427	7,993	10,019	1,747	796	2,162	172	..	3,044
	2021	38,144	5,960	9,488	13,874	1,554	1,297	2,709	267	..	2,995

Table 25

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
Nicaragua	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
	2021	670	368	134	95	..	11	30	19	4	10
Peru	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
	2021	5,449	2,087	1,743	574	..	619	56	47	..	323
Suriname	2018	671	301	66	300	..	..	..	..	..	4
	2019	637	311	61	255	..	..	..	..	..	10
	2020	618	292	59	262	..	..	..	..	..	5
	2021	686	333	71	278	..	..	..	..	..	*4
Trinidad and Tobago	2018	5,032	1,178	1,435	1,810	..	397	88	39	24	61
	2019	..	..	..	..	..	..	..	..	..	..
	2020	..	..	..	..	..	..	..	..	..	..
	2021	..	..	..	..	..	..	..	..	..	..
Uruguay	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
	2021	2,041	960	556	237	..	45	57	111	4	72
Venezuela (Bolivar. Rep.)	2018	28,771	5,325	6,656	8,618	1,573	916	1,374	80	49	4,181
	2019	23,076	5,011	6,203	5,831	1,381	814	934	45	28	2,828
	2020	10,262	2,055	1,912	3,028	830	264	439	33	20	1,681
	2021	9,182	2,404	1,902	2,322	464	322	359	31	16	1,362
Northern America	2018	945,712	275,001	395,695	28,808	11,235	89,096	18,536	11,318	1,162	114,861
	2019	938,811	275,036	387,503	24,709	9,405	88,736	18,238	11,238	718	123,228
	2020	809,904	255,407	339,689	15,039	8,221	50,012	16,574	9,851	789	114,322
	2021	847,312	248,478	362,621	16,250	8,233	63,934	17,189	11,311	637	118,661
Canada	2018	89,859	29,953	30,891	5,196	1,939	5,540	2,948	1,362	728	11,302
	2019	106,285	32,358	31,089	4,994	1,166	5,560	3,411	1,559	245	25,902
	2020	95,557	31,695	28,715	3,642	963	2,642	2,991	1,406	218	23,285
	2021	98,359	31,559	29,363	3,784	900	3,116	2,915	1,478	194	25,050
United States	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
	2021	748,953	216,919	333,258	12,466	7,333	60,818	14,274	9,833	442	93,611
Oceania	2018	28,567	9,972	9,771	1,353	743	4,422	1,058	546	56	646
	2019	30,818	10,044	9,660	1,410	433	4,545	1,065	555	52	3,054
	2020	27,207	9,364	8,392	920	606	2,979	897	542	53	3,454
	2021	23,160	8,633	7,657	694	607	1,253	749	528	53	2,988
Australia	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
	2021	17,476	6,156	6,407	438	..	668	627	511	..	2,669
New Zealand	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
	2021	4,269	1,913	1,250	155	..	531	122	..	..	300
Papua New Guinea	2018	1,167	475	..	122	433	56	..	17	51	14
	2019	1,085	422	..	80	433	53	..	21	52	25
	2020	1,352	541	..	101	606	15	..	17	53	20
	2021	*1,415	*564	..	*101	*607	*54	..	*17	*53	*20