

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.

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
World	2020	3,962,475	1,281,751	903,155	369,943	287,848	201,085	108,342	136,728	47,428	626,195
	2021	4,163,330	1,299,478	979,996	400,419	304,634	221,343	115,884	148,244	46,635	646,699
	2022	4,242,654	1,362,838	990,008	412,971	300,607	257,769	123,898	149,351	47,342	597,869
	2023	4,331,906	1,373,724	1,015,465	409,566	320,518	302,472	124,844	148,650	48,970	587,698
Africa	2020	87,896	30,738	15,216	19,223	10,731	4,654	1,200	2,034	815	3,285
	2021	89,641	31,624	15,161	19,709	12,067	4,207	1,140	2,085	315	3,335
	2022	86,836	30,830	14,025	18,834	11,626	4,886	1,011	2,013	276	3,336
	2023	90,115	32,118	15,554	17,739	11,026	5,849	1,044	2,109	360	4,317
Algeria	2020	28,444	9,503	3,105	5,920	7,631	992	339	672	22	260
	2021	28,556	9,730	3,406	5,447	7,866	849	347	705	11	195
	2022	29,450	9,767	3,431	5,811	7,946	1,013	354	727	26	377
	2023	30,383	10,336	3,546	5,727	8,492	777	361	714	25	405
Angola	2020	1,995	548	11	574	348	294	25	25	143	27
	2021	1,869	*491	14	569	356	225	25	25	121	44
	2022	*2,122	*549	84	*696	300	261	*25	25	*93	88
	2023	2,051	528	221	820	159	158	65	23	52	25
Chad	2020	*705	*368	*181	*20	..	*39	..	*42	*3	*52
	2021	*773	*407	*201	*26	..	*39	..	*46	*4	*53
	2022	*776	*394	*216	*28	..	*36	..	*45	*4	*53
	2023	*738	*350	*203	*50	..	*37	..	*42	*4	*53
Congo	2020	937	262	93	506	12	28	..	10	7	19
	2021	955	267	95	516	12	28	..	11	8	19
	2022	903	191	76	550	12	36	..	8	1	29
	2023	1,024	248	97	581	12	38	..	10	1	37
Côte d'Ivoire	2020	3,590	1,342	1,190	632	..	236	21	22	..	149
	2021	4,111	1,648	1,287	701	..	268	24	13	..	170
	2022	4,448	1,914	1,558	457	..	332	22	12	..	153
	2023	5,057	2,117	1,712	574	..	438	26	5	..	185
Egypt	2020	27,361	9,300	5,323	7,019	1,405	1,795	146	635	35	1,703
	2021	29,059	9,251	5,906	7,599	2,019	1,570	159	660	31	1,864
	2022	26,696	9,228	5,436	6,491	1,489	1,499	146	673	29	1,705
	2023	29,531	10,990	6,519	5,065	876	2,241	130	848	113	2,749
Gabon	2020	818	241	54	438	..	39	..	10	23	12
	2021	932	304	66	492	..	28	..	11	17	14
	2022	882	248	61	484	..	38	..	14	23	14
	2023	932	297	67	500	..	23	..	16	14	14
Ghana	2020	496	150	66	216	..	28	..	1	35	..
	2021	285	70	43	145	..	1	..	2	24	..
	2022	40	14	0	27	..	..	..	0	..	..
	2023	160	73	23	60	..	..	..	4	..	..
Libya	2020	4,445	1,228	253	1,398	991	410	91	35	11	28
	2021	7,287	2,121	478	2,260	1,464	699	149	51	19	46
	2022	8,916	2,679	572	2,836	1,635	873	182	57	24	56
	2023	6,817	2,233	450	2,036	1,195	660	139	42	20	43
Niger	2020	809	455	250	14	..	..	11	61	..	*18
	2021	716	425	190	16	..	..	*12	55	..	*18
	2022	710	414	201	*18	..	..	*9	48	..	*21
	2023	865	497	265	..	..	..	16	60	..	27
Nigeria	2020	0	0	0	0	0	0	0	0	0	0
	2021	*211	*92	..	*97	..	1	*21	..
	2022	235	90	..	117	..	4	24	..
	2023	306	94	..	145	..	5	62	..

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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
Senegal	2020	757	472	64	179	30	..	10	3	..	..
	2021	868	520	78	187	68	..	11	3	..	..
	2022	604	352	87	140	11	..	8	5	..	..
	2023	1,192	703	134	269	60	..	15	11	..	..
South Africa	2020	12,434	4,676	3,491	1,570	123	777	532	199	504	559
	2021	9,162	4,282	2,488	751	21	480	392	226	29	492
	2022	5,579	2,383	1,323	309	12	770	239	113	24	407
	2023	7,962	2,222	1,827	1,381	16	1,459	280	189	30	558
South Sudan	2020	..	..	..	..	..	..	..	..	..	..
	2021	119	33	..	86	..	..	..	..	..	..
	2022	159	44	..	115	..	..	..	..	..	..
	2023	..	..	..	..	..	..	..	..	..	..
Sudan	2020	3,653	1,611	1,011	262	*1	16	12	293	*2	*445
	2021	3,091	1,309	*817	*263	*1	19	11	250	*10	*412
	2022	3,869	1,971	870	*307	1	24	10	246	12	*427
	2023	1,976	986	435	193	1	12	5	123	6	*214
Tunisia	2020	1,108	421	49	394	191	..	6	20	20	6
	2021	1,593	657	78	537	260	..	9	27	18	7
	2022	1,445	592	110	448	219	..	16	39	16	6
	2023	1,035	403	33	321	214	..	4	23	28	8
Zambia	2020	344	161	74	80	..	0	7	5	9	7
	2021	54	18	14	17	..	..	1	0	2	1
	2022	0	0	0	0	..	..	..	0	0	..
	2023	86	40	22	15	..	..	2	0	6	..
Asia	2020	1,989,260	590,521	352,454	185,625	191,264	110,082	61,673	77,728	34,419	385,494
	2021	2,110,086	609,632	390,470	203,794	207,544	113,789	66,407	85,372	33,871	399,207
	2022	2,119,309	652,943	387,389	210,706	208,182	121,614	70,808	86,556	33,115	347,995
	2023	2,223,249	678,139	406,200	214,822	228,265	156,089	74,066	88,926	34,225	342,517
Afghanistan	2020	*46	*18	*18	*5	..	..	..	..	..	*5
	2021	*31	*11	*13	*4	..	..	..	..	..	*3
	2022	*22	*7	*9	*3	..	..	..	..	..	*3
	2023	*19	*6	*8	*2	..	..	..	..	..	*3
Azerbaijan	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
	2022	6,127	2,193	1,292	78	276	571	188	245	..	1,286
	2023	6,537	2,504	1,497	1	268	619	220	238	..	1,190
Bahrain	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
	2022	12,628	4,524	702	2,771	1,640	2,318	..	125	..	548
	2023	12,863	4,363	803	2,460	1,420	2,898	..	162	..	757
Bangladesh	2020	1,058	451	84	275	77	1	12	9	83	65
	2021	1,777	720	75	416	144	238	17	12	73	82
	2022	1,582	637	66	368	127	210	14	11	65	85
	2023	1,954	678	79	394	118	516	14	14	54	87
Brunei Darussalam	2020	8,223	2,682	1,505	5	687	334	84	601	5	2,320
	2021	7,972	2,540	1,497	..	1,050	94	83	613	5	2,090
	2022	8,300	3,021	1,876	..	770	49	86	539	4	1,956
	2023	7,695	2,969	1,530	..	663	110	80	443	3	1,897
China	2020	815,190	165,299	142,567	57,807	71,907	39,750	23,486	44,890	1,544	267,940
	2021	850,428	168,470	160,673	60,407	83,808	39,021	24,796	47,855	1,418	263,980
	2022	815,093	192,901	146,346	62,247	84,840	28,237	24,573	48,492	1,393	226,067
	2023	901,214	217,392	162,506	65,919	107,802	48,565	28,628	51,815	1,405	217,182

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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	2020	37	12	10	12	3	..	..	..	..	1
	2021	50	18	9	18	4	..	..	..	..	1
	2022	43	15	5	19	3	..	..	..	..	1
	2023	52	14	15	20	3	..	..	..	..	..
India	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
	2022	269,158	114,421	42,817	9,242	17,036	15,000	*17,356	12,832	948	39,506
	2023	285,069	116,525	45,480	9,021	18,736	17,124	17,860	12,777	983	46,564
Indonesia	2020	40,752	16,769	11,496	*1,273	1,883	2,446	628	850	614	4,794
	2021	40,674	17,883	10,942	*3,928	27	1,924	566	864	*415	4,124
	2022	39,603	16,461	11,600	3,404	121	2,156	609	873	333	4,047
	2023	39,182	16,069	10,565	3,891	49	3,001	625	933	314	3,735
Iran (Islamic Rep. of)	2020	97,351	31,915	24,781	19,926	3,904	806	2,376	2,262	2,212	9,169
	2021	103,012	32,369	25,229	22,538	4,947	1,167	2,592	2,171	1,944	10,054
	2022	106,037	33,541	25,714	23,363	4,885	1,239	2,559	2,228	2,048	10,461
	2023	108,050	34,178	26,202	23,807	4,977	1,263	2,607	2,270	2,087	10,660
Iraq	2020	27,139	5,239	2,063	14,169	1,882	106	194	1,934	1,312	241
	2021	30,993	5,942	1,940	16,676	2,224	176	222	2,023	1,382	409
	2022	34,288	6,700	2,706	18,732	1,962	167	245	2,124	1,163	489
	2023	38,935	7,568	3,403	20,819	2,332	169	274	2,391	1,591	388
Israel	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
	2022	14,202	5,342	2,731	2,274	1,208	1,110	545	407	..	586
	2023	14,269	5,141	3,145	1,922	1,308	1,265	488	423	..	577
Japan	2020	121,293	37,088	31,997	12,589	9,086	5,045	4,988	2,846	10,655	6,999
	2021	128,925	39,274	33,455	14,219	9,868	6,711	5,362	2,963	9,837	7,236
	2022	135,661	41,682	34,154	15,856	10,311	8,598	5,486	2,738	9,388	7,448
	2023	125,842	38,180	32,618	14,006	9,421	9,302	5,056	2,428	8,762	6,069
Jordan	2020	1,780	614	366	342	..	143	*35	54	78	*149
	2021	1,735	650	*417	255	..	200	..	50	54	*108
	2022	1,596	529	405	209	..	227	..	62	61	*103
	2023	1,796	522	*415	264	..	333	..	59	66	*139
Kazakhstan	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
	2022	19,090	5,425	4,964	3,387	10	671	1,265	1,158	8	2,202
	2023	17,923	5,285	5,315	2,796	3	640	1,009	1,194	5	1,676
Korea, Dem.Ppl's.Rep.	2020	515	191	178	109	..	..	..	..	37	..
	2021	515	191	178	109	..	..	..	..	37	..
	2022	515	191	178	109	..	..	..	..	37	..
	2023	515	191	178	109	..	..	..	..	37	..
Korea, Republic of	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
	2022	157,730	48,502	19,820	13,803	35,366	15,492	4,057	2,201	6,125	12,363
	2023	157,527	47,404	20,373	11,648	36,000	17,560	4,073	2,363	5,941	12,166
Kuwait	2020	29,540	8,866	2,189	5,122	6,582	1,328	265	154	3,348	1,686
	2021	33,251	9,300	2,613	6,367	5,862	1,917	315	151	4,831	1,894
	2022	38,872	11,544	2,726	5,061	7,010	2,565	995	206	6,800	1,966
	2023	51,502	14,325	3,246	10,521	7,372	3,346	1,254	221	8,872	2,345
Kyrgyzstan	2020	162	58	13	84	7	..	0
	2021	269	97	21	151
	2022	303	115	24	164
	2023	326	126	26	174

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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
Malaysia	2020	23,759	9,063	4,846	1,214	*2,818	2,383	144	618	12	2,661
	2021	23,313	6,066	6,438	1,510	*1,995	2,312	142	1,613	10	3,225
	2022	24,173	7,761	6,471	1,617	*1,794	1,619	151	2,073	2	2,686
	2023	25,253	8,150	7,187	1,573	*1,594	1,743	162	1,952	2	2,890
Myanmar	2020	237	94	53	35	..	8	..	7	0	40
	2021	185	74	49	34	..	12	..	6	..	10
	2022	194	77	52	27	..	15	..	13	..	10
	2023	177	77	38	16	..	21	..	14	..	10
Oman	2020	10,528	3,870	2,718	204	1,409	898	116	451	1	861
	2021	11,511	4,593	3,110	60	1,535	764	137	515	1	796
	2022	12,760	4,462	3,460	338	1,471	1,027	155	536	2	1,309
	2023	12,909	4,475	3,125	76	1,565	1,282	151	567	2	1,666
Other Asia	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
	2022	47,803	14,745	9,212	3,907	9,256	3,732	2,348	1,064	4	3,534
	2023	46,523	14,201	8,794	3,841	9,460	4,226	1,889	916	4	3,192
Pakistan	2020	11,531	4,697	2,520	2,580	318	471	37	199	93	616
	2021	11,567	4,699	2,496	2,408	335	629	31	203	95	669
	2022	10,183	3,896	2,245	2,055	218	671	27	198	90	782
	2023	11,196	4,469	2,425	2,471	246	618	27	180	80	682
Philippines	2020	4,525	2,061	936	356	86	343	..	152	24	568
	2021	3,743	1,717	833	30	0	270	..	150	22	722
	2022	5,661	2,391	1,304	7	68	683	..	207	25	978
	2023	6,569	2,659	1,517	48	123	960	..	221	22	1,019
Qatar	2020	16,715	2,399	1,602	1,099	5,862	3,399	55	1,399	..	900
	2021	17,159	2,462	1,651	1,127	6,012	3,489	57	1,435	..	926
	2022	17,275	2,475	1,728	1,125	5,992	3,515	59	1,433	..	948
	2023	17,398	2,492	1,741	1,133	6,033	3,540	60	1,444	..	955
Saudi Arabia	2020	112,331	49,260	19,990	18,501	5,340	1,984	*2,013	1,142	4,890	9,211
	2021	140,201	55,489	23,826	22,536	7,570	2,072	*3,327	1,248	3,858	*20,276
	2022	136,827	61,040	27,078	26,532	3,673	3,564	3,617	1,426	3,676	6,220
	2023	124,796	55,153	26,388	24,250	1,052	4,373	3,284	777	3,070	6,448
Singapore	2020	*40,287	8,757	*6,452	*8,375	*3,452	4,146	*3,394	*57	83	5,571
	2021	*41,591	8,902	*7,850	*7,488	*3,397	4,438	*3,602	*169	84	5,662
	2022	39,775	9,971	*7,200	*1,410	3,941	7,695	*3,841	*40	146	5,531
	2023	39,178	10,998	*7,000	*1,530	1,485	9,021	*3,746	0	183	*5,215
Sri Lanka	2020	1,649	538	164	465	157	162	27	25	109	1
	2021	1,213	371	124	359	107	124	10	17	98	3
	2022	487	128	39	194	31	57	4	6	25	3
	2023	1,164	297	92	432	131	125	10	13	59	7
Syrian Arab Republic	2020	5,715	1,707	451	2,308	627	161	101	60	5	295
	2021	2,487	1,326	813	121	60	78	10	47	5	28
	2022	2,348	1,145	779	290	10	69	5	31	5	14
	2023	2,543	993	745	685	20	64	3	19	5	9
Tajikistan	2020	16	6	0	8	..	..	..	..	..	3
	2021	22	8	0	10	..	..	..	..	..	3
	2022	13	4	1	5	..	..	..	..	..	3
	2023	13	2	4	4	..	..	..	..	..	3
Thailand	2020	49,074	24,604	8,283	4,663	*3,279	2,640	502	1,765	*959	2,379
	2021	47,887	24,144	8,167	5,260	*3,129	1,698	497	1,840	*650	2,503
	2022	48,882	19,797	8,519	5,473	*6,680	3,025	520	1,861	*561	2,446
	2023	51,169	23,265	8,847	4,783	*5,477	4,334	539	1,653	*362	1,910

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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	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
	2022	40,821	17,684	5,173	1,943	1,904	4,716	1,536	1,100	2	6,763
	2023	40,215	16,593	4,941	1,604	1,917	5,861	1,402	1,056	1	6,840
Turkmenistan	2020	7,063	2,396	2,259	1,463	..	83	101	312	130	320
	2021	6,963	2,374	2,238	1,449	..	48	99	309	129	317
	2022	7,177	2,435	2,295	1,486	..	91	96	317	132	325
	2023	7,287	2,455	2,314	1,499	..	146	93	319	133	328
United Arab Emirates	2020	41,782	10,660	6,011	2,695	6,424	10,918	347	529	..	4,198
	2021	47,615	11,941	6,546	3,024	7,259	13,110	393	598	..	4,744
	2022	44,392	9,820	6,841	2,629	7,466	11,768	374	615	..	4,879
	2023	46,087	10,155	6,694	2,564	8,546	12,081	394	704	..	*4,949
Uzbekistan	2020	3,312	932	1,019	170	..	124	91	741	4	231
	2021	3,572	799	1,128	308	..	118	91	803	4	321
	2022	3,785	894	1,259	128	..	181	98	875	7	343
	2023	4,484	1,189	1,336	164	..	288	119	875	97	416
Viet Nam	2020	14,888	6,315	5,173	440	..	699	..	410	..	1,852
	2021	13,938	6,138	5,420	218	..	303	..	538	..	1,322
	2022	15,286	6,337	5,423	401	..	506	..	518	..	2,101
	2023	14,263	6,910	5,384	318	..	626	..	483	..	542
Yemen	2020	645	137	189	49	120	69	..	7	70	2
	2021	620	126	173	45	110	69	..	31	64	2
	2022	616	131	180	47	114	70	..	4	67	2
	2023	752	164	226	59	143	68	..	4	84	3
Europe	2020	843,908	324,284	146,700	108,454	67,025	26,982	19,751	40,548	11,126	99,039
	2021	869,986	327,786	156,604	111,255	67,664	30,063	20,616	42,550	11,513	101,934
	2022	889,563	332,781	162,261	112,037	64,553	41,160	22,454	41,798	12,908	99,611
	2023	869,026	325,977	165,084	102,922	64,316	44,166	21,536	38,226	13,294	93,504
Albania	2020	131	10	..	..	18	..	3	..	..	100
	2021	158	..	..	..	22	..	3	..	..	133
	2022	117	..	..	..	16	..	2	..	..	99
	2023	168	..	..	..	11	..	4	..	..	154
Austria	2020	8,438	3,617	1,714	737	1,051	363	284	117	13	542
	2021	8,366	3,510	1,766	645	1,087	344	296	150	9	560
	2022	6,161	2,008	1,310	778	822	405	389	106	27	317
	2023	8,238	3,024	1,623	1,019	790	709	415	138	26	496
Belarus	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
	2022	14,423	5,310	2,874	3,174	..	214	575	299	2	1,976
	2023	15,036	5,920	2,834	3,084	..	213	575	298	2	2,110
Belgium	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
	2022	28,663	12,930	3,035	2,285	2,260	1,638	681	693	31	5,111
	2023	30,794	13,737	3,261	2,641	2,415	1,768	745	778	29	5,421
Bosnia and Herzegovina	2020	13	..	..	..	..	..	..	..	..	13
	2021	13	..	..	..	..	..	..	..	..	13
	2022	14	..	..	..	..	..	..	..	..	14
	2023	13	..	..	..	..	..	..	..	..	13
Bulgaria	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
	2022	7,283	3,326	1,784	552	543	242	426	91	..	319
	2023	6,485	2,947	1,627	521	413	256	382	71	..	268

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
Croatia	2020	2,560	1,190	626	267	36	58	114	151	..	117
	2021	2,428	1,122	585	291	9	80	99	153	..	90
	2022	2,247	965	499	274	5	150	88	121	..	147
	2023	2,184	877	515	211	6	172	95	121	..	186
Czechia	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
	2022	7,717	3,253	1,398	111	917	117	129	355	..	1,437
	2023	7,712	3,107	1,525	150	860	215	141	387	..	1,327
Denmark	2020	8,176	4,075	2,133	1,469	..	79	308	113	..	..
	2021	8,260	4,111	2,133	1,505	..	92	326	92	..	..
	2022	8,075	3,843	2,112	1,578	..	144	318	81	..	..
	2023	8,321	3,847	2,142	1,753	..	183	317	79	..	..
Finland	2020	13,549	5,919	4,209	1,549	91	258	495	245	..	783
	2021	9,783	3,988	3,292	1,179	32	318	359	174	..	441
	2022	11,920	4,254	4,132	1,689	41	692	471	139	..	502
	2023	12,062	4,356	4,119	1,653	18	781	488	161	..	486
France	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
	2022	42,224	16,834	7,340	6,196	4,255	2,526	1,113	1,063	..	2,897
	2023	46,664	18,672	8,162	6,051	5,174	3,301	1,198	1,114	..	2,992
Germany	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
	2022	98,658	43,023	20,296	6,945	7,465	4,463	3,790	2,768	33	9,875
	2023	88,637	37,412	18,651	5,953	7,323	4,495	3,357	2,438	26	8,982
Greece	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
	2022	30,568	10,177	5,120	5,241	1,521	2,895	729	845	..	4,040
	2023	30,773	10,498	6,108	3,875	1,415	3,070	758	915	..	4,133
Hungary	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
	2022	6,830	2,694	1,148	45	881	219	191	99	..	1,553
	2023	7,307	2,863	1,195	114	949	264	206	113	..	1,603
Ireland	2020	2,892	1,043	537	824	89	..	69	52	277	..
	2021	3,057	1,086	544	971	89	..	70	42	255	..
	2022	3,031	1,101	535	860	120	..	98	37	279	..
	2023	2,832	1,056	579	785	30	..	87	36	258	..
Italy	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
	2022	73,017	32,202	16,087	6,676	4,181	2,208	2,625	1,340	457	7,243
	2023	70,333	29,686	16,092	6,166	4,693	2,617	2,687	1,379	486	6,525
Lithuania	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
	2022	8,339	2,714	2,389	1,107	114	857	301	294	..	563
	2023	9,158	2,951	2,839	927	7	997	354	349	..	735
Netherlands (Kingd. of the)	2020	55,401	20,458	3,862	9,023	10,800	4,521	1,950	1,303	260	3,223
	2021	58,886	22,907	4,343	7,743	10,555	4,381	2,190	1,544	540	4,684
	2022	58,419	19,723	3,742	9,900	10,085	7,127	2,329	1,219	433	3,861
	2023	61,048	19,812	4,497	9,590	11,008	8,015	2,366	1,288	399	4,073
Norway	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
	2022	9,861	3,339	3,566	147	754	419	328	892	0	415
	2023	10,881	3,675	3,757	371	783	559	350	981	0	404

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
Poland	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
	2022	28,591	13,942	4,048	2,220	2,248	1,153	614	626	0	3,742
	2023	26,380	12,366	4,356	2,283	1,834	1,220	614	511	..	3,195
Portugal	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
	2022	11,847	4,285	2,247	2,582	677	1,156	23	79	..	798
	2023	10,739	3,487	2,063	2,218	930	1,341	14	76	..	610
Republic of Moldova	2020	7	..	4	2	..	..	..	..	..	0
	2021	2	..	..	2	..	..	..	..	..	0
	2022	3	1	..	1	..	..	..	..	..	..
	2023	2	..	1	1	..	..	..	..	..	0
Romania	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
	2022	12,414	5,720	3,326	141	185	410	738	562	..	1,331
	2023	11,152	4,951	3,072	162	113	415	685	502	..	1,253
Russian Federation	2020	259,777	79,113	37,915	50,823	25,010	8,403	..	24,356	*450	33,708
	2021	270,296	80,557	40,285	51,575	26,043	10,999	..	25,147	*450	35,240
	2022	266,077	82,461	42,054	47,270	23,076	9,885	..	26,049	*450	34,832
	2023	257,757	85,867	44,000	41,800	21,141	9,528	..	22,831	*450	32,140
Serbia	2020	3,607	1,594	451	203	456	88	63	100	..	653
	2021	3,915	1,795	505	100	540	120	70	117	..	669
	2022	4,406	2,116	563	188	516	166	98	151	..	607
	2023	4,100	1,927	559	130	454	211	106	150	..	563
Slovakia	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
	2022	5,856	2,643	1,171	482	440	75	530	122	..	393
	2023	5,732	2,544	978	518	575	92	531	170	..	324
Spain	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
	2022	61,997	26,023	9,879	3,643	1,679	427	2,705	1,135	9,154	7,352
	2023	61,331	25,579	9,693	3,946	1,642	398	2,094	1,195	9,387	7,397
Sweden	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
	2022	21,084	5,826	4,594	4,032	228	78	847	566	..	4,912
	2023	20,081	6,081	4,745	3,640	86	30	776	544	..	4,178
Switzerland	2020	2,881	1,681	566	364	15	9	121	97	..	28
	2021	2,372	1,360	499	294	21	..	102	70	..	27
	2022	3,106	1,716	685	429	13	3	130	77	..	51
	2023	2,870	1,614	670	339	7	1	124	69	..	47
Ukraine	2020	*2,703	*850	*815	75	..	..	50	305	..	608
	2021	*2,730	*850	*711	81	..	..	51	306	..	730
	2022	*2,655	*724	*565	*82	..	..	*55	*306	..	*923
	2023	..	..	..	..	..	..	..	..	..	..
United Kingdom	2020	47,862	18,306	13,155	3,168	1,844	1,943	1,933	1,749	1,903	3,861
	2021	48,599	17,868	14,353	3,068	1,599	1,834	2,134	1,708	1,734	4,301
	2022	53,959	19,628	15,762	3,409	1,511	3,490	2,134	1,682	2,042	4,301
	2023	50,234	17,121	15,421	3,021	1,639	3,315	2,066	1,531	2,232	3,888
Latin America & Carib.	2020	204,488	71,484	40,835	40,686	10,000	6,351	8,248	6,023	215	20,646
	2021	223,008	73,457	47,474	48,752	8,520	8,084	9,617	6,403	244	20,458
	2022	235,926	75,727	50,244	51,465	9,075	10,327	9,987	6,571	206	22,325
	2023	246,500	79,014	52,967	53,256	9,189	11,398	10,219	7,191	244	23,021

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	2020	21,892	9,159	4,986	2,683	1,157	520	876	629	9	*1,872
	2021	22,048	9,305	5,321	2,059	1,097	592	897	721	7	2,050
	2022	22,825	9,427	5,437	2,209	1,146	1,163	832	738	6	1,866
	2023	25,809	10,313	6,892	2,089	1,196	1,451	930	889	6	2,043
Bolivia (Plur. State of)	2020	1,964	623	963	..	0	85	95	108	14	76
	2021	1,980	543	1,038	..	0	111	92	106	17	73
	2022	1,807	416	992	..	0	150	89	102	13	45
	2023	1,611	302	927	..	0	165	82	85	13	36
Brazil	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
	2022	103,361	38,227	19,504	18,482	4,201	3,876	4,456	4,236	7	10,372
	2023	107,696	39,694	21,124	18,572	4,100	4,327	4,660	4,483	5	10,732
Chile	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
	2022	8,809	2,624	2,430	938	218	531	177	457	131	1,304
	2023	10,525	3,169	3,124	983	313	645	179	549	118	1,445
Colombia	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
	2022	18,558	5,875	4,284	2,592	1,509	1,397	541	300	10	2,050
	2023	19,068	6,398	3,592	3,300	1,509	1,405	558	343	10	1,953
Cuba	2020	2,052	541	291	903	148	37	14	39	4	74
	2021	1,461	382	107	664	172	37	8	28	4	59
	2022	1,600	338	142	929	68	34	11	22	2	54
	2023	1,323	384	34	707	119	16	4	14	15	30
Dominican Republic	2020	476	129	42	136	62	89	5	5	7	..
	2021	1,119	292	108	366	145	177	11	13	7	..
	2022	1,151	328	107	329	137	214	11	13	11	..
	2023	1,264	368	107	400	144	209	11	13	12	..
Ecuador	2020	6,134	1,310	943	2,607	..	192	40	100	..	942
	2021	7,625	1,679	1,089	3,380	..	277	48	102	..	1,050
	2022	8,103	1,738	1,162	3,534	..	370	57	119	..	1,122
	2023	7,659	1,577	1,262	4,035	..	341	48	104	38	254
Guatemala	2020	95	..	..	..	..	..	..	..	..	95
	2021	113	..	..	..	..	..	..	..	..	113
	2022	117	..	..	..	..	..	..	..	..	117
	2023	100	..	..	..	..	..	..	..	..	100
Jamaica	2020	1,167	183	138	785	..	41	..	9	..	11
	2021	1,011	162	120	680	..	33	..	4	..	11
	2022	950	143	95	672	..	30	..	3	..	7
	2023	865	141	91	585	..	32	..	3	..	14
Mexico	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
	2022	43,836	8,005	11,145	14,689	1,636	1,509	2,979	333	..	3,540
	2023	43,194	7,476	10,501	14,801	1,598	1,656	2,885	441	..	3,836
Nicaragua	2020	516	267	111	77	..	8	24	16	4	9
	2021	670	368	134	95	..	11	30	19	4	10
	2022	712	404	128	93	..	19	30	21	7	10
	2023	750	444	123	90	..	21	32	23	8	10
Peru	2020	4,696	2,415	1,107	606	..	206	50	46	..	266
	2021	6,597	2,650	1,743	1,314	..	383	50	72	..	385
	2022	5,670	2,062	1,403	1,429	..	423	97	49	..	207
	2023	8,017	3,217	1,714	2,148	..	545	137	87	..	169

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
Suriname	2020	618	292	59	262	..	..	..	..	..	5
	2021	686	333	71	278	..	..	..	..	..	*4
	2022	685	325	76	273	..	..	..	..	..	11
	2023	679	328	71	267	..	..	..	..	..	13
Uruguay	2020	1,845	845	511	214	..	42	61	96	6	70
	2021	2,041	960	556	237	..	45	57	111	4	72
	2022	2,029	961	*567	226	..	84	58	96	4	33
	2023	1,389	679	391	119	..	64	34	72	3	27
Venezuela (Bolivar. Rep.)	2020	11,633	3,783	1,912	3,096	830	264	434	65	13	1,237
	2021	14,625	4,425	1,902	5,650	464	323	553	81	13	1,215
	2022	15,716	4,854	2,771	5,072	159	528	649	83	15	1,586
	2023	16,549	4,523	3,013	5,160	212	520	660	84	15	2,361
Northern America	2020	809,729	255,366	339,558	15,034	8,222	49,987	16,574	9,853	789	114,346
	2021	847,603	248,491	362,594	16,250	8,233	63,935	17,355	11,311	637	118,796
	2022	896,288	264,981	371,458	19,500	6,700	79,153	19,059	12,212	783	122,444
	2023	889,570	253,634	371,426	20,481	7,112	84,152	17,581	11,996	791	122,397
Canada	2020	95,382	31,655	28,584	3,637	963	2,617	2,991	1,408	218	23,309
	2021	98,649	31,572	29,336	3,784	900	3,117	3,081	1,478	194	25,186
	2022	104,391	32,965	28,731	5,657	1,315	4,449	3,181	1,448	164	26,480
	2023	107,778	32,845	29,497	5,642	1,511	5,061	3,028	1,453	84	28,657
United States	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
	2022	791,898	232,015	342,727	13,843	5,385	74,703	15,878	10,764	619	95,964
	2023	781,792	220,789	341,929	14,839	5,602	79,090	14,552	10,544	707	93,741
Oceania	2020	27,194	9,358	8,392	921	606	3,030	897	542	64	3,384
	2021	23,007	8,487	7,693	660	607	1,264	749	524	55	2,969
	2022	14,732	5,577	4,631	429	472	630	578	201	55	2,159
	2023	13,447	4,842	4,234	346	610	819	398	201	55	1,941
Australia	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
	2022	12,760	4,861	4,316	280	..	498	532	186	..	2,087
	2023	12,095	4,354	4,198	267	..	753	398	184	..	1,941
New Zealand	2020	4,568	1,803	1,229	80	..	638	184	..	..	635
	2021	4,269	1,913	1,250	155	..	531	122	..	..	300
	2022	1,104	437	314	107	..	128	47	..	..	72
	2023	..	..	..	..	..	..	..	..	..	..
Papua New Guinea	2020	1,409	535	..	101	606	66	..	17	64	20
	2021	1,261	419	36	67	607	66	..	13	55	..
	2022	867	279	..	42	472	5	..	15	*55	..
	2023	*1,352	*488	*36	*79	*610	*66	..	*17	*55	..