

### 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, 1990-2018

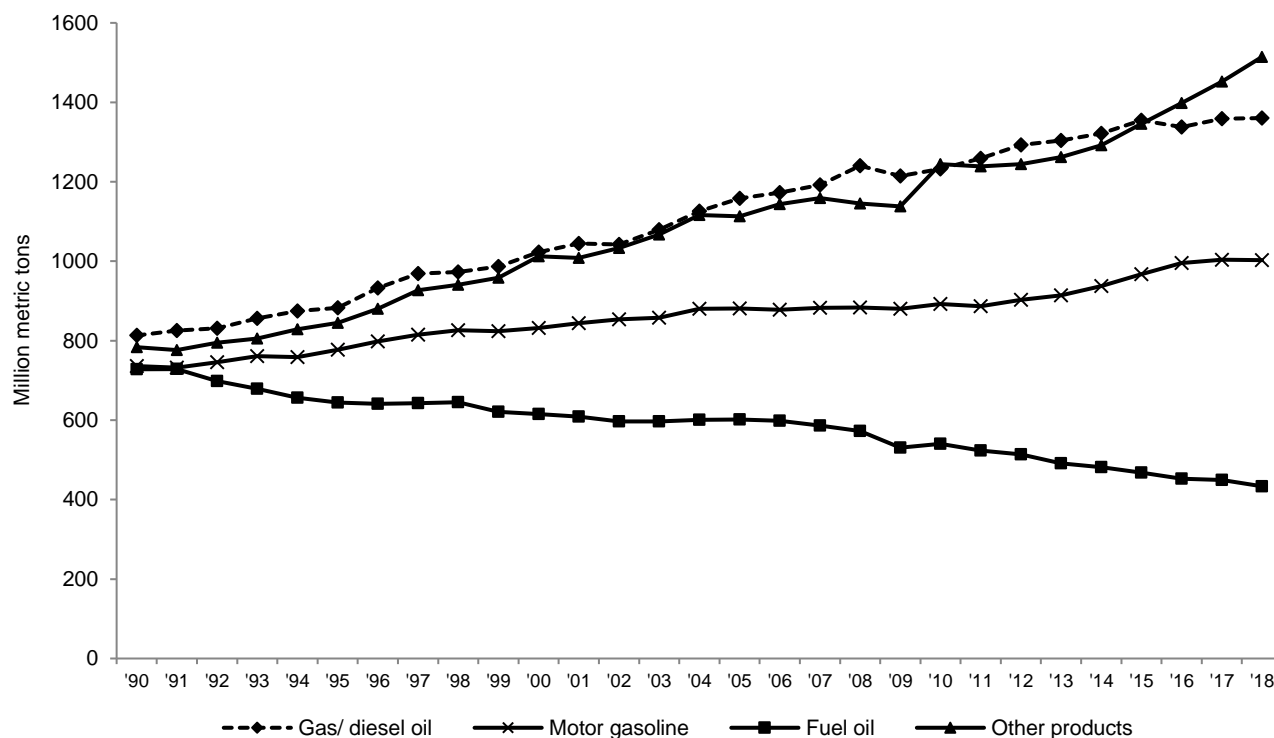


Table 24

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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	2015	4,134,955	1,354,893	966,986	467,467	272,167	293,612	130,535	120,395	60,547	468,353
	2016	4,184,043	1,337,851	995,818	452,423	281,399	301,501	129,797	131,415	59,402	494,438
	2017	4,264,089	1,358,969	1,003,877	449,266	293,240	315,194	125,496	138,033	56,440	523,574
	2018	4,311,094	1,360,348	1,002,784	433,516	297,868	333,136	129,798	141,050	55,601	556,991
Africa	2015	101,927	32,105	16,616	24,242	11,149	8,391	1,832	2,240	1,125	4,229
	2016	100,221	32,470	19,410	20,726	11,125	7,703	679	2,500	1,424	4,183
	2017	95,477	30,626	17,215	20,419	10,529	7,266	1,255	2,359	1,495	4,314
	2018	98,586	31,612	17,784	21,713	10,674	7,179	1,267	2,093	1,263	5,000
Algeria	2015	29,713	8,826	2,798	6,617	8,372	*1,609	350	740	*22	379
	2016	29,160	8,892	2,613	6,870	7,929	*1,635	..	765	*21	*435
	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
Angola	2015	2,598	608	16	913	253	413	*106	26	78	185
	2016	2,641	599	33	971	305	338	*79	27	85	204
	2017	2,547	607	35	947	278	350	74	27	52	178
	2018	1,853	436	5	614	244	228	53	17	36	219
Cameroon	2015	1,613	578	295	273	..	107	68	13	122	157
	2016	1,596	572	292	270	..	106	67	13	121	155
	2017	1,313	471	240	222	..	87	55	11	100	127
	2018	1,180	427	218	201	..	79	50	10	90	105
Chad	2015	*774	*333	*264	*27	..	*28	..	*59	*4	*59
	2016	*677	*291	*231	*24	..	25	..	*52	*4	*52
	2017	*677	*291	*231	*24	..	*25	..	*52	*4	*52
	2018	*689	*296	*235	*24	..	*25	..	*52	*4	*53
Congo	2015	688	219	68	329	8	38	..	7	7	12
	2016	649	168	56	325	8	45	..	7	10	30
	2017	716	214	64	358	9	37	..	8	7	19
	2018	716	214	64	358	9	37	..	8	7	19
Côte d'Ivoire	2015	3,172	1,169	641	311	..	861	25	9	9	147
	2016	3,186	1,237	693	317	..	634	25	16	..	265
	2017	*3,064	*1,222	*888	*313	..	*327	19	*10	..	285
	2018	3,366	1,241	771	652	..	359	20	18	..	305
Egypt	2015	25,595	7,885	4,487	7,899	1,025	2,011	130	573	62	1,523
	2016	25,052	7,183	4,536	7,567	1,790	1,790	*125	540	63	*1,458
	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
Gabon	2015	801	221	72	395	..	61	..	13	27	12
	2016	849	234	76	418	..	65	..	14	29	13
	2017	793	254	32	396	..	36	..	41	22	12
	2018	799	257	32	397	..	37	..	41	22	13
Ghana	2015	89	28	32	9	..	18	..	2	0	..
	2016	739	255	244	64	..	38	..	114	25	..
	2017	16	6	7	1	..	0	..	0	2	..
	2018	309	113	102	32	..	22	..	8	33	..
Libya	2015	4,306	1,003	497	1,767	539	316	87	44	26	27
	2016	4,004	917	399	1,827	518	182	81	30	25	25
	2017	4,772	1,332	470	1,673	667	436	97	43	24	30
	2018	5,595	1,563	391	1,847	948	639	113	35	24	35
Morocco	2015	3,127	1,139	186	553	204	412	90	29	..	514
	2016	0	0	0	0	0	0	0	0	..	0
	2017	..	..	..	..	..	..	..	..	..	..
	2018	..	..	..	..	..	..	..	..	..	..

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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
Niger	2015	565	348	174	..	..	..	..	44	..	..
	2016	572	352	184	..	..	..	..	35	..	..
	2017	*795	*520	228	..	..	..	..	47	..	..
	2018	742	492	197	..	..	..	..	53	..	..
Nigeria	2015	1,618	294	261	406	29	15	52	39	204	318
	2016	3,351	685	931	577	82	41	77	66	401	491
	2017	4,380	900	675	994	342	54	102	79	502	732
	2018	2,692	374	368	779	158	27	98	48	327	513
Senegal	2015	1,012	553	101	233	81	18	21	5	..	..
	2016	1,124	629	116	266	87	0	23	3	..	..
	2017	1,202	679	97	285	123	0	15	3	..	..
	2018	981	576	93	220	76	..	13	3	..	..
South Africa	2015	20,493	6,233	5,583	3,791	332	2,341	869	299	459	586
	2016	20,809	7,845	7,693	584	166	2,640	166	420	558	736
	2017	17,918	*5,861	5,983	895	420	2,379	723	405	619	631
	2018	18,700	5,417	5,668	2,753	618	2,019	758	246	605	616
Sudan	2015	3,853	1,839	1,054	208	14	111	21	304	17	285
	2016	4,165	1,960	1,196	135	11	156	24	373	11	299
	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
Tunisia	2015	1,305	492	..	430	292	..	..	24	55	12
	2016	1,185	439	22	409	230	..	2	20	53	10
	2017	906	314	79	327	93	..	4	19	59	11
	2018	1,054	407	3	338	241	..	..	18	34	13
Zambia	2015	605	337	87	81	..	32	13	10	32	13
	2016	463	213	95	102	..	9	10	5	18	10
	2017	564	217	124	176	..	0	10	9	18	10
	2018	593	274	136	119	..	11	12	9	21	12
<b>America, North</b>	<b>2015</b>	<b>984,932</b>	<b>287,857</b>	<b>396,956</b>	<b>50,001</b>	<b>15,568</b>	<b>82,173</b>	<b>22,186</b>	<b>12,500</b>	<b>1,704</b>	<b>115,988</b>
	<b>2016</b>	<b>987,258</b>	<b>278,097</b>	<b>407,609</b>	<b>47,767</b>	<b>15,760</b>	<b>84,701</b>	<b>22,224</b>	<b>12,326</b>	<b>1,467</b>	<b>117,306</b>
	<b>2017</b>	<b>991,031</b>	<b>284,667</b>	<b>407,464</b>	<b>47,137</b>	<b>13,009</b>	<b>87,414</b>	<b>20,568</b>	<b>12,470</b>	<b>1,137</b>	<b>117,166</b>
	<b>2018</b>	<b>995,738</b>	<b>286,727</b>	<b>407,275</b>	<b>44,910</b>	<b>13,656</b>	<b>91,646</b>	<b>20,524</b>	<b>11,764</b>	<b>1,208</b>	<b>118,027</b>
Canada	2015	87,753	30,135	30,167	4,738	3,562	4,294	3,526	1,272	832	9,227
	2016	88,966	29,802	31,772	4,115	3,892	4,578	3,259	1,165	773	9,610
	2017	92,861	32,268	33,229	4,739	1,749	5,661	2,645	1,524	756	10,290
	2018	90,454	29,953	30,891	5,196	1,939	5,540	2,948	1,362	728	11,897
Cuba	2015	4,526	1,030	446	2,233	354	244	19	51	28	122
	2016	2,205	558	185	1,032	232	42	5	36	2	115
	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
Curaçao	2015	9,060	1,852	1,818	3,275	359	658	221	59	..	818
	2016	8,216	1,611	1,788	2,996	353	574	169	45	..	680
	2017	4,321	854	1,107	1,447	98	294	99	24	..	398
	2018	3,089	642	808	1,088	74	219	48	18	..	192
Dominican Republic	2015	764	214	158	234	..	138	9	7	6	..
	2016	1,097	316	229	310	..	204	13	16	9	..
	2017	899	274	189	254	..	154	10	11	6	..
	2018	1,208	356	256	372	..	189	14	14	8	..
Guatemala	2015	66	39	..	..	..	..	..	..	0	27
	2016	56	43	..	..	..	..	..	..	0	14
	2017	85	47	..	..	..	..	..	..	0	38
	2018	147	50	..	..	..	..	..	..	..	97

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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
Jamaica	2015	1,221	145	151	752	36	99	..	7	..	31
	2016	1,094	130	133	677	51	74	..	9	..	20
	2017	1,048	108	143	677	40	50	..	13	..	18
	2018	1,047	102	119	729	0	61	..	11	..	25
Mexico	2015	56,815	14,059	15,785	13,500	3,124	2,182	3,193	670	..	4,302
	2016	50,634	11,580	13,563	13,007	3,008	1,958	3,190	541	..	3,787
	2017	44,357	11,165	10,715	12,360	2,441	1,884	2,445	504	..	2,843
	2018	35,504	8,485	8,654	10,550	2,046	1,589	1,816	317	..	2,047
Nicaragua	2015	729	197	100	336	..	25	12	13	7	39
	2016	656	137	91	330	..	28	14	18	6	31
	2017	673	169	101	318	..	29	9	20	8	20
	2018	653	210	96	240	..	29	18	17	8	34
Trinidad and Tobago	2015	6,182	1,550	1,634	2,183	0	553	59	68	34	101
	2016	7,303	2,113	2,052	2,236	0	669	59	62	32	80
	2017	6,388	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
United States	2015	817,816	238,637	346,697	22,751	8,133	73,980	15,147	10,353	797	101,321
	2016	827,031	231,807	357,795	23,064	8,225	76,575	15,516	10,434	646	102,969
	2017	837,767	237,599	360,241	23,742	8,391	78,766	15,305	10,260	335	103,128
	2018	855,853	245,048	364,804	23,612	9,296	83,556	15,588	9,956	434	103,559
<b>America, South</b>	<b>2015</b>	<b>219,867</b>	<b>74,828</b>	<b>45,920</b>	<b>42,886</b>	<b>6,626</b>	<b>11,393</b>	<b>8,179</b>	<b>6,328</b>	<b>342</b>	<b>23,365</b>
	<b>2016</b>	<b>210,744</b>	<b>71,406</b>	<b>45,816</b>	<b>38,590</b>	<b>5,923</b>	<b>10,698</b>	<b>7,651</b>	<b>6,478</b>	<b>328</b>	<b>23,855</b>
	<b>2017</b>	<b>201,172</b>	<b>66,840</b>	<b>44,866</b>	<b>36,027</b>	<b>6,017</b>	<b>10,726</b>	<b>7,653</b>	<b>6,444</b>	<b>291</b>	<b>22,310</b>
	<b>2018</b>	<b>195,664</b>	<b>67,811</b>	<b>42,778</b>	<b>32,623</b>	<b>6,147</b>	<b>11,069</b>	<b>7,443</b>	<b>6,363</b>	<b>255</b>	<b>21,175</b>
Argentina	2015	27,247	10,024	6,157	4,606	921	1,301	1,066	878	15	2,279
	2016	26,363	9,716	6,242	3,923	764	1,298	1,051	1,067	14	2,288
	2017	25,741	9,803	6,576	2,993	727	1,434	1,017	1,004	10	2,177
	2018	24,054	9,397	6,575	1,878	400	1,462	1,072	921	9	2,340
Bolivia (Plur. State of)	2015	2,641	884	823	517	..	191	..	104	16	106
	2016	2,417	814	1,055	121	1	189	..	112	18	107
	2017	2,250	745	1,035	81	..	190	..	105	16	78
	2018	2,126	724	993	38	..	180	..	100	18	73
Brazil	2015	104,248	43,297	19,045	14,087	3,337	4,635	4,870	4,046	6	10,925
	2016	97,217	39,532	19,638	11,424	2,308	4,729	4,445	3,967	6	11,168
	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
Chile	2015	9,685	3,031	2,823	1,252	121	578	201	305	148	1,226
	2016	9,429	2,907	2,974	1,220	48	556	203	251	161	1,109
	2017	9,648	3,073	3,055	1,170	75	592	211	286	161	1,025
	2018	9,726	3,052	2,964	1,149	64	635	215	434	162	1,051
Colombia	2015	11,518	2,230	3,193	3,459	137	857	189	482	72	899
	2016	16,786	4,574	3,038	3,934	814	1,091	263	538	66	2,468
	2017	17,596	5,702	3,281	3,283	1,070	1,221	275	551	39	2,174
	2018	19,175	7,116	4,104	3,048	1,164	1,370	290	248	4	1,831
Ecuador	2015	6,217	1,461	911	2,439	..	349	2	45	3	1,008
	2016	7,695	1,907	1,495	2,873	..	342	2	155	2	920
	2017	7,759	1,902	1,410	2,968	..	393	2	157	4	923
	2018	8,259	1,820	1,405	3,572	..	365	1	245	3	848
Peru	2015	8,252	3,412	1,642	1,972	..	620	149	195	..	262
	2016	8,561	3,112	1,796	2,432	..	639	137	206	..	239
	2017	9,373	2,998	1,872	3,258	..	620	151	200	..	274
	2018	9,036	2,807	1,932	3,019	..	633	168	213	..	264

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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
Suriname	2015	433	20	2	405	..	..	..	..	..	5
	2016	536	200	35	296	..	..	..	..	..	5
	2017	674	284	64	321	..	..	..	..	..	5
	2018	660	291	66	298	..	..	..	..	..	4
Uruguay	2015	1,847	745	470	313	..	94	54	80	6	84
	2016	1,994	767	535	334	..	114	62	96	7	79
	2017	557	191	149	105	..	31	18	22	5	36
	2018	2,073	883	533	242	..	105	58	106	5	141
Venezuela (Bolivar. Rep.)	2015	47,779	9,724	10,853	13,836	2,110	2,768	1,648	193	76	6,571
	2016	39,747	7,878	9,008	12,032	1,988	1,741	1,488	86	54	5,472
	2017	34,492	6,821	8,018	10,201	1,897	1,204	1,430	83	51	4,787
	2018	29,092	5,325	6,656	8,618	1,575	1,119	1,374	80	49	4,296
<b>Asia</b>	<b>2015</b>	<b>1,831,907</b>	<b>596,518</b>	<b>328,599</b>	<b>190,631</b>	<b>171,026</b>	<b>139,919</b>	<b>57,735</b>	<b>62,376</b>	<b>44,314</b>	<b>240,789</b>
	<b>2016</b>	<b>1,911,078</b>	<b>603,245</b>	<b>344,816</b>	<b>198,385</b>	<b>180,672</b>	<b>147,998</b>	<b>59,979</b>	<b>69,701</b>	<b>43,723</b>	<b>262,560</b>
	<b>2017</b>	<b>1,979,868</b>	<b>617,007</b>	<b>357,542</b>	<b>203,417</b>	<b>189,490</b>	<b>156,333</b>	<b>56,812</b>	<b>70,258</b>	<b>40,673</b>	<b>288,338</b>
	<b>2018</b>	<b>2,028,864</b>	<b>621,736</b>	<b>358,170</b>	<b>200,021</b>	<b>193,425</b>	<b>165,939</b>	<b>61,653</b>	<b>73,826</b>	<b>39,197</b>	<b>314,897</b>
Azerbaijan	2015	6,410	2,804	1,224	324	193	689	216	157	..	803
	2016	5,865	2,315	1,153	399	174	627	231	186	..	780
	2017	5,568	1,849	1,215	236	169	588	214	200	..	1,097
	2018	5,972	2,148	1,186	107	205	708	214	204	..	1,201
Bahrain	2015	13,512	4,210	821	2,181	1,639	3,323	..	159	0	1,179
	2016	13,058	3,997	784	2,484	1,565	3,175	..	162	0	891
	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
Bangladesh	2015	1,247	389	17	299	162	1	13	11	245	110
	2016	1,174	333	26	363	132	1	13	10	194	102
	2017	1,432	407	32	443	161	1	16	12	237	123
	2018	1,249	499	94	304	97	1	14	10	127	103
Brunei Darussalam	2015	468	141	156	80	..	71	14	..	6	..
	2016	306	114	92	39	..	45	10	..	6	..
	2017	232	104	73	..	..	46	3	..	6	..
	2018	321	110	133	..	..	56	18	..	4	..
China	2015	603,236	180,079	120,251	39,630	45,850	35,443	18,537	29,344	1,928	132,174
	2016	633,757	179,177	128,465	42,369	50,324	39,081	18,923	35,039	1,613	138,767
	2017	678,284	186,679	133,934	45,635	54,639	41,797	19,825	36,625	1,442	157,708
	2018	711,792	183,601	142,647	38,997	60,255	47,216	20,132	39,156	1,437	178,351
Georgia	2015	12	5	0	5	..	..	..	..	0	2
	2016	25	9	7	8	..	..	..	..	0	..
	2017	24	10	2	9	3	..	..	..	..	..
	2018	22	10	1	9	3	..	..	..	..	..
India	2015	243,139	98,588	35,321	9,727	17,861	11,789	*11,643	10,568	7,504	40,138
	2016	253,122	103,113	36,593	9,962	17,607	*13,828	*12,268	10,968	6,041	42,742
	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
Indonesia	2015	36,947	16,159	9,022	1,224	1,406	2,553	632	700	656	4,595
	2016	37,793	16,186	10,297	1,305	1,371	2,599	655	892	843	3,645
	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
Iran (Islamic Rep. of)	2015	86,802	28,411	16,338	22,311	3,226	1,390	1,898	3,191	2,349	7,687
	2016	89,102	28,509	16,798	21,964	3,505	1,505	1,951	3,342	2,523	9,006
	2017	87,782	26,937	22,130	19,707	3,000	1,592	1,581	2,123	2,820	7,892
	2018	87,381	28,608	17,743	22,136	3,030	1,633	1,545	2,120	2,895	7,671

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
Iraq	2015	19,694	3,539	1,853	11,964	439	197	133	25	1,222	322
	2016	20,404	3,287	2,117	12,774	480	211	137	116	1,148	134
	2017	23,921	4,012	2,483	14,573	571	247	164	173	1,396	302
	2018	27,148	5,291	2,832	16,182	442	212	192	242	1,447	308
Israel	2015	14,765	5,187	3,012	2,680	1,186	868	586	381	264	601
	2016	14,174	4,411	2,945	2,715	1,095	934	616	354	283	821
	2017	14,088	4,628	2,766	2,667	1,201	1,127	569	362	..	768
	2018	14,783	4,789	3,055	2,576	1,153	1,325	567	422	..	896
Japan	2015	162,719	45,823	40,291	17,047	13,986	12,334	7,220	4,320	12,824	8,874
	2016	163,395	45,582	39,513	17,777	14,656	12,461	7,157	4,210	12,863	9,176
	2017	157,801	45,619	39,157	15,340	13,175	11,500	7,111	4,416	12,796	8,687
	2018	151,609	44,574	37,464	14,714	12,385	12,194	7,030	3,755	10,780	8,713
Jordan	2015	3,286	1,058	653	885	..	262	*40	80	91	218
	2016	2,861	909	583	599	..	291	*36	81	97	266
	2017	2,671	845	557	564	..	287	*33	78	54	253
	2018	2,281	738	483	458	..	336	42	65	11	149
Kazakhstan	2015	13,358	4,487	2,864	3,900	..	280	111	827	33	856
	2016	12,827	4,652	2,938	3,100	..	*264	111	*844	2	916
	2017	13,595	4,352	3,055	3,365	..	302	161	1,077	0	1,283
	2018	14,586	4,664	3,955	2,948	..	387	177	995	5	1,455
Korea, Dem.Ppl's.Rep.	2015	515	191	178	109	..	..	..	..	37	..
	2016	515	191	178	109	..	..	..	..	37	..
	2017	515	191	178	109	..	..	..	..	37	..
	2018	515	191	178	109	..	..	..	..	37	..
Korea, Republic of	2015	139,689	45,099	17,729	8,433	29,404	19,135	4,499	2,187	2,590	10,613
	2016	146,029	45,831	17,266	10,383	31,503	20,277	4,566	2,244	2,716	11,243
	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
Kuwait	2015	42,165	10,294	2,041	11,197	8,470	2,540	399	147	6,403	674
	2016	37,847	9,425	2,405	10,002	7,120	2,184	383	164	5,505	659
	2017	32,151	8,476	2,113	8,723	5,675	1,731	310	189	4,362	572
	2018	32,449	8,397	2,097	8,642	5,613	1,855	322	193	4,676	654
Kyrgyzstan	2015	320	56	115	136	..	..	..	13	..	..
	2016	379	106	171	75	..	..	..	27	..	..
	2017	431	89	235	63	..	..	..	44	..	..
	2018	544	79	219	156	..	..	..	55	..	35
Malaysia	2015	23,684	9,737	4,788	1,706	2,447	2,751	169	717	6	1,363
	2016	24,249	9,833	4,801	1,492	2,744	2,469	198	1,181	4	1,527
	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
Myanmar	2015	515	161	234	61	..	17	24	..	0	18
	2016	394	150	143	67	..	16	..	..	0	19
	2017	406	151	145	78	..	15	..	..	0	17
	2018	220	103	53	35	..	8	..	6	0	15
Oman	2015	10,812	2,963	3,061	2,906	485	668	115	323	0	291
	2016	10,876	2,922	3,018	3,173	482	666	93	278	6	238
	2017	11,712	3,331	2,990	2,563	939	923	124	419	4	419
	2018	13,477	2,779	2,380	3,820	1,375	1,377	149	450	4	1,143
Other Asia	2015	44,778	13,874	7,843	5,970	7,212	3,831	1,958	936	2	3,152
	2016	45,114	13,650	9,247	5,125	7,074	3,729	2,107	1,108	7	3,067
	2017	44,315	13,340	8,463	4,953	7,667	3,780	1,897	1,018	2	3,195
	2018	46,317	14,376	8,537	4,183	8,696	4,087	2,196	1,131	5	3,106

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
Pakistan	2015	11,831	4,587	1,590	2,925	914	836	176	174	142	487
	2016	12,276	4,783	1,839	3,054	767	879	190	178	125	462
	2017	13,751	5,501	2,212	3,303	781	914	..	392	115	*534
	2018	13,439	5,232	2,383	3,398	794	783	..	210	113	526
Philippines	2015	9,811	4,008	1,983	957	306	926	..	454	61	1,118
	2016	10,089	4,030	2,197	781	256	1,020	..	460	67	1,278
	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
Qatar	2015	11,914	2,091	1,583	513	3,775	3,052	60	333	..	507
	2016	12,853	2,081	1,963	225	3,997	3,447	61	339	..	740
	2017	15,828	1,973	1,937	234	5,592	4,683	58	332	..	1,019
	2018	15,687	1,975	1,604	146	4,965	4,385	58	216	..	2,338
Saudi Arabia	2015	126,377	48,613	21,165	24,646	7,868	3,672	3,975	1,438	6,180	8,820
	2016	146,396	53,198	24,065	25,425	8,669	4,271	4,291	1,340	7,247	17,890
	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
Singapore	2015	46,212	12,829	10,046	2,077	1,856	9,692	2,633	318	312	6,449
	2016	50,852	12,199	9,096	4,279	3,667	10,175	3,155	333	266	7,682
	2017	53,684	10,967	9,108	5,383	4,494	11,864	3,251	224	205	8,188
	2018	49,463	9,185	8,491	5,461	2,898	11,862	3,107	833	250	7,376
Sri Lanka	2015	1,615	517	154	553	137	155	14	10	75	2
	2016	1,647	583	166	479	144	148	14	9	104	1
	2017	1,636	506	165	494	142	236	13	19	60	1
	2018	1,607	568	165	424	141	237	13	22	35	2
Syrian Arab Republic	2015	6,488	2,046	539	2,676	535	196	87	68	3	338
	2016	6,996	2,207	581	2,886	577	211	94	73	3	364
	2017	7,768	2,451	645	3,205	641	234	104	81	3	404
	2018	7,275	2,295	604	3,001	600	219	98	76	3	379
Tajikistan	2015	*22	3	0	5	*12	..	..	..	..	2
	2016	24	5	1	7	*9	..	..	..	..	3
	2017	23	10	1	9	..	..	..	..	..	3
	2018	46	17	1	26	..	..	..	..	..	3
Thailand	2015	58,895	23,351	7,186	5,374	10,733	5,587	563	1,920	1,071	3,110
	2016	58,277	22,110	7,805	5,326	10,478	5,262	550	1,975	1,756	3,015
	2017	59,620	23,150	8,099	5,526	10,430	5,573	569	2,216	1,557	2,500
	2018	60,694	23,165	8,417	5,580	10,437	6,097	570	2,217	1,694	2,517
Turkey	2015	29,234	8,652	5,113	3,460	273	5,027	1,391	899	58	4,361
	2016	29,605	9,661	5,103	2,835	320	4,504	1,541	972	18	4,651
	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
Turkmenistan	2015	8,550	2,770	2,610	1,690	..	470	130	360	150	370
	2016	8,540	2,770	2,610	1,690	..	470	120	360	150	370
	2017	8,532	2,770	2,610	1,690	..	470	112	360	150	370
	2018	8,526	2,770	2,610	1,690	..	470	106	360	150	370
United Arab Emirates	2015	41,612	9,194	4,931	2,604	10,432	11,734	411	1,001	..	1,305
	2016	49,179	10,865	5,863	4,732	11,782	12,664	*422	1,050	..	1,801
	2017	50,401	10,427	3,819	9,608	11,407	12,398	447	1,039	..	1,256
	2018	52,431	10,929	3,578	9,854	11,963	12,931	437	829	..	1,910
Uzbekistan	2015	3,654	1,286	1,064	90	..	186	88	682	15	243
	2016	3,653	1,008	1,134	93	..	183	86	856	12	281
	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

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
Viet Nam	2015	6,721	3,068	2,747	138	..	196	..	572	..	..
	2016	6,656	2,855	2,777	138	..	377	..	491	..	18
	2017	6,127	2,481	2,565	136	..	357	..	444	..	144
	2018	10,303	4,286	4,109	200	..	444	..	988	2	274
Yemen	2015	899	250	76	151	218	50	..	61	86	7
	2016	769	189	76	151	174	26	..	61	86	6
	2017	867	250	76	151	205	31	..	61	86	7
	2018	994	297	76	151	273	41	..	61	86	9
<b>Europe</b>	<b>2015</b>	<b>964,361</b>	<b>351,662</b>	<b>168,054</b>	<b>158,549</b>	<b>67,220</b>	<b>47,187</b>	<b>39,420</b>	<b>36,257</b>	<b>13,013</b>	<b>82,999</b>
	<b>2016</b>	<b>945,978</b>	<b>342,610</b>	<b>168,103</b>	<b>145,842</b>	<b>67,069</b>	<b>46,376</b>	<b>38,255</b>	<b>39,828</b>	<b>12,407</b>	<b>85,488</b>
	<b>2017</b>	<b>968,685</b>	<b>350,070</b>	<b>167,332</b>	<b>141,046</b>	<b>73,357</b>	<b>49,293</b>	<b>38,188</b>	<b>45,968</b>	<b>12,793</b>	<b>90,638</b>
	<b>2018</b>	<b>963,462</b>	<b>342,421</b>	<b>167,005</b>	<b>132,877</b>	<b>73,134</b>	<b>52,838</b>	<b>37,854</b>	<b>46,458</b>	<b>13,627</b>	<b>97,247</b>
Albania	2015	288	56	..	0	26	..	*12	..	..	194
	2016	183	18	..	1	4	..	*6	..	..	154
	2017	503	158	..	0	40	..	19	..	..	285
	2018	291	104	..	..	29	..	9	..	..	150
Austria	2015	9,138	3,855	1,721	1,154	941	649	282	139	28	369
	2016	8,554	3,581	1,671	898	961	652	218	122	21	430
	2017	8,496	3,776	1,692	839	804	614	262	102	15	392
	2018	9,166	3,860	1,928	710	1,028	761	281	111	26	461
Belarus	2015	23,196	8,554	3,925	7,431	..	388	757	472	3	1,666
	2016	18,717	6,768	3,573	5,569	..	329	632	358	5	1,483
	2017	18,471	6,563	3,481	5,112	..	401	617	410	7	1,880
	2018	18,878	6,594	3,356	5,352	..	370	709	465	7	2,026
Belgium	2015	35,204	13,424	4,906	5,306	2,262	1,686	816	671	28	6,105
	2016	33,631	12,309	4,797	5,349	2,443	1,666	860	697	21	5,489
	2017	35,283	12,843	4,608	7,488	2,319	1,942	916	738	31	4,398
	2018	34,069	13,525	4,013	7,507	2,611	1,842	824	829	30	2,888
Bosnia and Herzegovina	2015	919	410	130	105	10	..	..	24	..	240
	2016	826	381	140	69	7	..	..	19	..	210
	2017	862	366	142	81	7	..	..	24	..	242
	2018	704	300	116	57	7	..	..	19	..	205
Bulgaria	2015	6,681	2,202	1,788	1,654	300	179	263	102	..	193
	2016	6,942	2,745	1,785	1,297	366	207	310	103	..	129
	2017	7,145	3,032	1,848	974	448	265	331	120	..	127
	2018	6,189	2,545	1,508	948	372	259	294	97	..	166
Croatia	2015	3,342	1,250	843	489	52	105	208	209	..	186
	2016	3,715	1,434	864	601	64	116	155	208	..	273
	2017	3,884	1,492	1,005	577	52	131	185	242	..	200
	2018	3,930	1,556	895	669	39	192	187	216	..	176
Czechia	2015	7,508	3,174	1,533	169	657	186	156	220	..	1,413
	2016	5,604	2,498	1,179	104	394	60	101	255	..	1,013
	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
Denmark	2015	8,923	4,300	2,335	1,702	..	144	319	123	..	..
	2016	9,091	4,703	2,098	1,771	..	130	287	102	..	..
	2017	8,759	4,346	2,241	1,626	..	122	306	118	..	..
	2018	9,095	4,496	2,189	1,870	..	113	301	126	..	..
Finland	2015	12,565	5,292	3,575	1,441	220	546	508	241	..	742
	2016	14,308	6,290	4,109	1,554	133	572	592	275	..	783
	2017	14,726	6,306	4,403	1,614	103	755	573	285	..	687
	2018	14,468	5,978	4,435	1,543	70	794	586	254	..	808



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
France	2015	60,242	25,581	11,227	7,509	5,209	3,874	1,348	1,581	0	3,913
	2016	59,365	24,963	11,214	7,686	4,974	3,790	1,322	1,528	0	3,888
	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
Germany	2015	99,200	43,520	18,945	7,953	7,978	5,178	3,839	2,656	0	9,131
	2016	100,381	43,834	19,674	7,374	7,860	5,317	3,937	2,744	9	9,632
	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
Greece	2015	28,427	10,369	4,611	5,676	1,471	2,079	615	703	1	2,902
	2016	30,217	10,701	5,169	6,150	1,657	2,328	662	824	0	2,726
	2017	31,765	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
Hungary	2015	7,473	3,055	1,152	69	904	191	180	164	..	1,758
	2016	7,334	3,009	1,108	39	1,008	199	173	101	..	1,697
	2017	7,153	3,093	1,023	78	862	236	174	99	..	1,588
	2018	7,658	3,174	1,117	43	1,036	297	207	110	..	1,674
Ireland	2015	3,365	1,290	602	1,167	34	..	85	46	141	..
	2016	3,180	1,198	547	1,070	77	..	72	41	175	..
	2017	3,189	1,214	549	1,049	94	..	75	49	159	..
	2018	3,058	1,097	601	976	35	..	76	58	215	..
Italy	2015	73,935	31,996	15,790	7,706	2,667	2,115	2,975	1,299	523	8,864
	2016	71,361	30,665	15,106	8,074	2,436	2,047	2,559	1,236	432	8,806
	2017	74,944	29,521	15,679	8,511	6,391	2,218	2,718	1,348	487	8,071
	2018	71,742	28,996	15,601	6,858	5,108	2,770	2,790	1,228	721	7,670
Lithuania	2015	8,920	2,908	2,403	1,561	..	1,029	330	307	..	382
	2016	9,790	3,118	2,615	1,840	..	1,082	346	345	..	444
	2017	10,020	3,332	2,738	1,688	..	1,059	352	363	..	488
	2018	9,783	3,389	2,555	1,681	..	955	332	342	..	529
Netherlands	2015	59,091	22,067	5,419	8,401	8,567	7,503	2,277	1,745	549	2,563
	2016	60,097	19,096	3,902	11,961	10,159	7,556	2,243	1,650	730	2,800
	2017	59,665	19,148	2,951	11,684	10,993	7,654	2,099	1,557	398	3,181
	2018	60,917	18,441	3,937	11,077	11,572	8,928	1,942	1,481	211	3,328
Norway	2015	16,151	6,641	4,004	1,790	1,705	840	466	462	27	216
	2016	13,014	4,984	3,766	1,290	1,111	533	420	419	18	473
	2017	16,178	6,761	4,609	1,545	1,236	763	482	478	87	217
	2018	17,036	7,683	4,421	1,474	1,281	778	478	428	8	485
Poland	2015	27,502	11,757	3,939	3,869	1,919	1,096	594	575	0	3,753
	2016	27,027	11,558	3,947	3,609	1,810	1,183	663	601	0	3,656
	2017	26,692	11,884	3,916	3,436	1,935	1,119	542	545	..	3,315
	2018	28,226	12,491	4,208	3,630	2,000	1,339	623	605	..	3,330
Portugal	2015	15,092	6,104	2,694	2,498	1,179	1,160	13	175	0	1,269
	2016	14,915	5,695	2,619	2,675	1,146	1,237	8	240	0	1,295
	2017	15,478	5,935	2,749	2,645	1,321	1,361	9	214	..	1,244
	2018	13,797	5,224	2,501	2,358	1,018	1,432	11	205	..	1,048
Republic of Moldova	2015	11	0	..	11	..	..	..	..	..	0
	2016	16	2	..	13	..	..	..	..	..	1
	2017	15	1	..	11	..	..	..	..	..	3
	2018	10	2	..	6	..	..	..	..	..	2
Romania	2015	11,530	5,116	2,982	308	282	400	734	567	11	1,130
	2016	12,194	5,437	3,405	218	184	398	787	597	10	1,158
	2017	12,461	5,655	3,285	182	230	381	783	617	1	1,327
	2018	12,583	5,656	3,381	196	193	418	788	624	1	1,326

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
Russian Federation	2015	282,886	76,004	39,235	75,957	26,455	12,298	16,323	18,622	*385	17,607
	2016	273,944	76,249	40,004	61,426	25,946	*12,030	15,590	22,259	*298	20,142
	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
Serbia	2015	3,382	1,279	484	355	359	108	57	176	..	564
	2016	3,435	1,322	482	389	359	123	65	166	..	529
	2017	3,638	1,401	499	380	441	155	53	127	..	582
	2018	3,859	1,572	516	361	449	190	59	83	..	629
Slovakia	2015	6,437	2,976	1,485	471	415	92	541	181	1	275
	2016	6,214	2,852	1,485	470	384	99	549	176	0	199
	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
Spain	2015	64,967	27,467	9,105	3,984	1,240	226	2,364	1,699	9,285	9,597
	2016	64,893	26,644	9,555	5,109	1,194	214	2,366	1,541	8,673	9,597
	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
Sweden	2015	21,367	8,000	4,992	3,867	0	104	768	473	..	3,163
	2016	21,211	7,428	4,906	4,003	86	73	739	481	..	3,495
	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
Switzerland	2015	2,837	1,542	692	314	0	38	124	76	..	51
	2016	3,005	1,693	690	319	0	43	123	104	..	33
	2017	2,877	1,666	648	290	1	7	121	107	..	37
	2018	3,070	1,776	648	316	16	5	131	133	..	45
Ukraine	2015	2,849	786	643	535	..	..	123	341	..	421
	2016	2,851	929	*350	590	..	..	26	409	..	547
	2017	3,050	680	731	444	..	..	36	411	..	748
	2018	2,460	0	..	429	..	..	35	397	..	1,599
United Kingdom	2015	60,933	20,687	16,894	5,097	2,368	4,973	2,343	2,208	2,031	4,332
	2016	59,963	20,506	17,343	4,324	2,306	4,392	2,444	2,227	2,015	4,406
	2017	59,806	20,303	17,416	3,893	2,280	5,031	2,424	2,178	2,047	4,234
	2018	58,173	20,043	16,575	3,200	2,209	5,129	2,368	2,079	2,053	4,517
<b>Oceania</b>	<b>2015</b>	<b>31,961</b>	<b>11,923</b>	<b>10,841</b>	<b>1,157</b>	<b>578</b>	<b>4,548</b>	<b>1,184</b>	<b>694</b>	<b>50</b>	<b>984</b>
	<b>2016</b>	<b>28,763</b>	<b>10,022</b>	<b>10,064</b>	<b>1,114</b>	<b>850</b>	<b>4,024</b>	<b>1,009</b>	<b>582</b>	<b>52</b>	<b>1,046</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>28,782</b>	<b>10,042</b>	<b>9,771</b>	<b>1,372</b>	<b>833</b>	<b>4,465</b>	<b>1,058</b>	<b>546</b>	<b>51</b>	<b>645</b>
Australia	2015	25,718	9,516	9,397	602	363	3,445	898	689	7	801
	2016	21,873	7,525	8,579	516	341	2,759	762	569	9	813
	2017	21,134	7,275	8,131	644	318	2,841	757	518	7	643
	2018	22,067	7,706	8,401	765	310	3,040	808	529	6	502
New Zealand	2015	5,612	2,150	1,444	485	..	1,069	286	..	..	178
	2016	5,522	1,949	1,485	463	..	1,159	247	..	..	219
	2017	5,343	1,942	1,328	435	..	1,221	264	..	..	153
	2018	5,330	1,790	1,370	465	..	1,325	250	..	..	130
Papua New Guinea	2015	631	257	0	70	215	34	..	5	43	5
	2016	1,368	548	0	135	509	106	..	13	43	14
	2017	1,378	543	0	141	520	100	..	17	45	13
	2018	*1,385	*546	..	*142	*523	*100	..	*17	*45	*13