

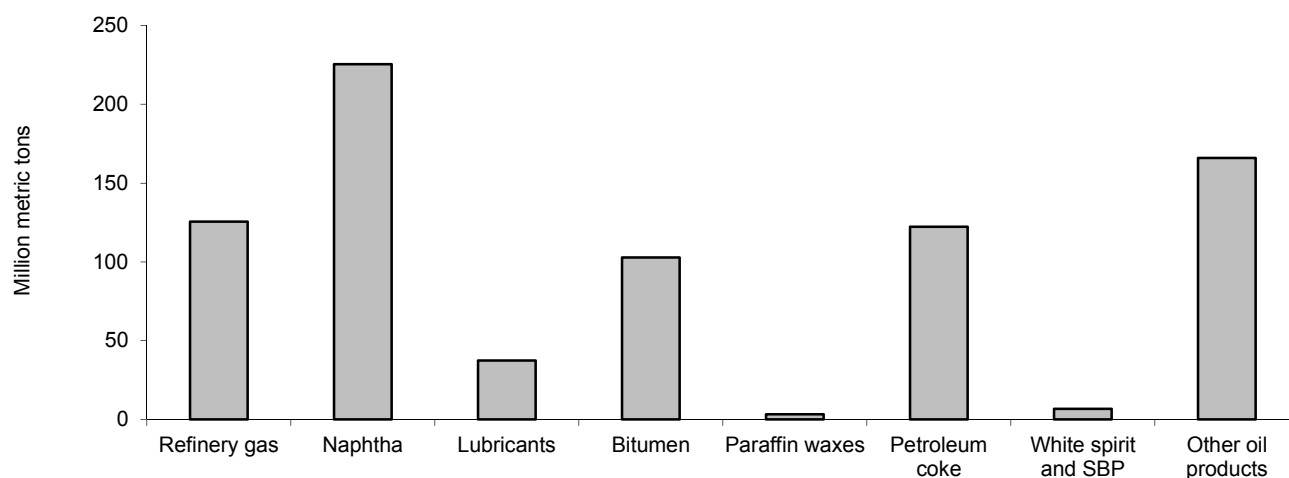
**Table 23****Production of other oil products from refineries - by type**

Thousand metric tons

**Table Notes****Total production**

Production broken down into refinery gas, ethane, naphtha, lubricants, bitumen, paraffin waxes, petroleum coke, white spirit, and other oil products (which for this table includes refinery output of feedstocks).

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

**Figure 63: Production of other oil products from refineries, 2012\***

\*Ethane is included with other oil products

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
<b>World</b>	<b>2009</b>	<b>138,330</b>	<b>458</b>	<b>206,732</b>	<b>40,518</b>	<b>102,965</b>	<b>5,016</b>	<b>103,366</b>	<b>4,585</b>	<b>81,456</b>
	<b>2010</b>	<b>143,049</b>	<b>474</b>	<b>219,448</b>	<b>37,087</b>	<b>110,887</b>	<b>3,552</b>	<b>110,592</b>	<b>5,563</b>	<b>140,545</b>
	<b>2011</b>	<b>144,430</b>	<b>475</b>	<b>226,674</b>	<b>38,517</b>	<b>104,100</b>	<b>3,325</b>	<b>116,581</b>	<b>6,452</b>	<b>134,300</b>
	<b>2012</b>	<b>125,651</b>	<b>447</b>	<b>225,534</b>	<b>37,478</b>	<b>102,793</b>	<b>3,277</b>	<b>122,340</b>	<b>6,817</b>	<b>165,460</b>
<b>Africa</b>	<b>2009</b>	<b>2,225</b>	<b>..</b>	<b>10,062</b>	<b>1,108</b>	<b>2,148</b>	<b>55</b>	<b>736</b>	<b>90</b>	<b>963</b>
	<b>2010</b>	<b>2,643</b>	<b>..</b>	<b>13,934</b>	<b>1,279</b>	<b>2,085</b>	<b>59</b>	<b>735</b>	<b>73</b>	<b>1,706</b>
	<b>2011</b>	<b>2,287</b>	<b>..</b>	<b>11,250</b>	<b>1,349</b>	<b>1,894</b>	<b>55</b>	<b>753</b>	<b>92</b>	<b>1,494</b>
	<b>2012</b>	<b>2,330</b>	<b>..</b>	<b>11,530</b>	<b>1,158</b>	<b>1,637</b>	<b>50</b>	<b>607</b>	<b>99</b>	<b>1,000</b>
Algeria	2009	309	..	4,656	140	310	..	..	..	138
	2010	315	..	7,440	152	209	..	..	..	86
	2011	304	..	6,939	118	175	..	..	..	69
	2012	273	..	6,432	100	209	..	..	..	64
Angola	2009	86	..	133	..	29	..	..	..	..
	2010	87	..	169	..	37	..	..	..	..
	2011	59	..	166	..	2	..	..	..	..
	2012	58	..	136	..	2	..	..	..	..
Cameroon	2009	73	..	..	..	..	..	..	..	133
	2010	76	..	..	..	..	..	..	..	177
	2011	74	..	..	..	..	..	..	..	172
	2012	73	..	..	..	..	..	..	..	169
Congo	2009	..	..	..	..	..	..	..	..	13
	2010	..	..	..	..	..	..	..	..	14
	2011	..	..	7	..	..	..	..	..	14
	2012	..	..	10	..	..	..	..	..	20
Côte d'Ivoire	2009	28	..	..	12	207	..	..	..	..
	2010	23	..	..	14	263	..	..	..	..
	2011	19	..	..	4	147	..	..	..	..
	2012	27	..	..	3	172	..	..	..	..
Egypt	2009	149	..	2,237	393	871	..	419	..	412
	2010	144	..	3,265	328	726	..	331	..	399
	2011	121	..	2,843	360	802	..	375	..	391
	2012	133	..	2,706	292	646	..	252	..	*268
Gabon	2009	..	..	..	10	2	..	..	..	..
	2010	..	..	..	10	2	..	..	..	..
	2011	..	..	..	10	2	..	..	..	..
	2012	..	..	..	10	2	..	..	..	..
Ghana	2009	13	..	..	..	..	..	..	..	..
	2010	29	..	..	..	..	..	..	..	..
	2011	42	..	..	..	..	..	..	..	..
	2012	20	..	..	..	..	..	..	..	..
Kenya	2009	71	..	..	..	0	..	..	..	9
	2010	78	..	..	..	8	..	..	..	1
	2011	68	..	..	54	15	..	..	..	4
	2012	38	..	..	4	27	..	..	..	2
Libya	2009	302	..	2,474	..	70	..	..	..	14
	2010	330	..	2,457	..	159	..	..	..	14
	2011	111	..	649	..	31	..	..	..	5
	2012	164	..	1,348	..	46	..	..	..	7
Morocco	2009	171	..	335	85	287	2	..	..	..
	2010	*234	..	538	101	277	2	..	..	..
	2011	*262	..	448	103	315	1	..	..	..
	2012	*280	..	493	107	171	1	..	..	..

Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Nigeria	2009	51	..	..	89	0	..	6	..	200
	2010	112	..	..	37	11	..	3	..	936
	2011	111	..	..	10	33	..	1	..	780
	2012	125	..	..	11	0	..	1	..	375
Senegal	2009	10	..	22	..	..	..	..	..	0
	2010	9	..	13	..	..	..	..	..	25
	2011	12	..	31	..	..	..	..	..	0
	2012	13	..	17	..	..	..	..	..	36
South Africa	2009	906	..	..	379	367	53	..	79	22
	2010	1,162	..	..	637	388	*57	..	70	31
	2011	1,058	..	..	690	367	*54	..	86	34
	2012	1,073	..	..	631	357	*49	..	84	32
Sudan	2009	26	..	23	..	..	..	311	..	..
	2010	25	..	20	..	..	..	401	..	..
	2011	22	..	18	..	..	..	377	..	..
	2012	20	..	16	..	..	..	354	..	..
Tunisia	2009	14	..	182	..	..	..	..	11	0
	2010	2	..	32	..	..	..	..	3	0
	2011	*6	..	149	..	..	..	..	6	0
	2012	*13	..	372	..	..	..	..	15	0
Zambia	2009	16	..	..	..	5	..	..	..	22
	2010	17	..	..	..	5	..	..	..	23
	2011	18	..	..	..	5	..	..	..	25
	2012	19	..	..	..	5	..	..	..	27
<b>America, North</b>	<b>2009</b>	<b>42,252</b>	<b>419</b>	<b>14,797</b>	<b>9,286</b>	<b>28,199</b>	<b>393</b>	<b>59,491</b>	<b>1,451</b>	<b>23,693</b>
	<b>2010</b>	<b>42,227</b>	<b>429</b>	<b>16,886</b>	<b>9,995</b>	<b>29,567</b>	<b>425</b>	<b>59,666</b>	<b>1,677</b>	<b>23,560</b>
	<b>2011</b>	<b>42,382</b>	<b>424</b>	<b>16,957</b>	<b>10,377</b>	<b>28,989</b>	<b>422</b>	<b>62,257</b>	<b>1,695</b>	<b>23,689</b>
	<b>2012</b>	<b>22,498</b>	<b>392</b>	<b>15,939</b>	<b>9,757</b>	<b>28,027</b>	<b>414</b>	<b>62,814</b>	<b>2,001</b>	<b>13,268</b>
Aruba	2009	..	..	..	..	..	..	..	..	*10,058
	2010	..	..	..	..	..	..	..	..	*10,067
	2011	..	..	..	..	..	..	..	..	*10,050
	2012	..	..	..	..	..	..	..	..	*2,440
Canada	2009	5,440	..	2,307	965	4,116	..	3,549	26	4,255
	2010	5,227	..	4,014	1,006	4,470	..	3,382	49	4,243
	2011	4,693	..	3,366	1,029	4,357	..	3,765	54	4,310
	2012	3,986	..	3,539	1,128	4,510	..	3,456	70	2,100
Costa Rica	2009	..	..	8	..	15	..	..	..	..
	2010	..	..	0	..	2	..	..	..	..
	2011	..	..	0	..	2	..	..	..	..
	2012	..	..	0	..	0	..	..	..	..
Cuba	2009	28	..	279	38	80	..	3	..	..
	2010	31	..	214	47	87	..	8	..	..
	2011	34	..	247	49	80	..	7	..	..
	2012	33	..	349	47	81	..	1	..	..
Dominican Republic	2009	13	..	..	..	..	..	..	..	..
	2010	14	..	..	..	..	..	..	..	..
	2011	14	..	..	..	..	..	..	..	..
	2012	13	..	..	..	..	..	..	..	..
El Salvador	2009	15	..	..	..	..	..	..	..	32
	2010	13	..	..	..	..	..	..	..	29
	2011	13	..	..	..	..	..	..	..	35
	2012	8	..	..	..	..	..	..	..	0

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Guatemala	2009	..	..	..	7	55	..	..	..	..
	2010	..	..	..	5	42	..	..	..	..
	2011	..	..	..	6	42	..	..	..	..
	2012	..	..	..	0	39	..	..	..	..
Jamaica	2009	..	..	..	..	19	..	..	..	..
	2010	..	..	..	..	10	..	..	..	..
	2011	..	..	0	..	23	..	..	..	..
	2012	..	..	10	..	14	..	..	..	..
Mexico	2009	2,821	..	2,949	217	1,908	37	1,962	..	13
	2010	2,781	..	3,047	220	1,486	40	1,511	..	12
	2011	3,214	..	3,642	192	1,558	36	1,628	..	14
	2012	3,494	..	2,913	182	1,373	38	2,579	..	3
Netherlands Antilles	2009	297	..	317	204	354	..	66	..	38
	2010	97	..	152	124	449	..	38	..	27
	2011	188	..	298	243	877	..	73	..	54
	2012	194	..	310	253	909	..	75	..	56
Nicaragua	2009	12	..	..	..	10	..	..	18	..
	2010	12	..	..	..	9	..	..	19	..
	2011	10	..	..	..	12	..	..	21	..
	2012	8	..	..	..	6	..	..	12	..
Trinidad and Tobago	2009	176	..	53	..	30	..	..	..	695
	2010	260	..	26	..	41	..	..	..	306
	2011	234	..	40	..	40	..	..	..	967
	2012	221	..	0	..	31	..	..	..	940
United States	2009	33,450	419	8,884	7,855	21,612	356	53,911	1,407	8,602
	2010	33,792	429	9,433	8,593	22,971	385	54,727	1,609	8,876
	2011	33,982	424	9,364	8,858	21,998	386	56,784	1,620	8,259
	2012	14,542	392	8,818	8,147	21,064	376	56,703	1,919	7,729
<b>America, South</b>	<b>2009</b>	<b>8,407</b>	<b>..</b>	<b>10,307</b>	<b>1,001</b>	<b>3,771</b>	<b>16</b>	<b>13,389</b>	<b>512</b>	<b>8,340</b>
	<b>2010</b>	<b>8,377</b>	<b>..</b>	<b>10,346</b>	<b>1,154</b>	<b>4,384</b>	<b>27</b>	<b>14,494</b>	<b>658</b>	<b>8,365</b>
	<b>2011</b>	<b>8,403</b>	<b>..</b>	<b>9,291</b>	<b>1,138</b>	<b>4,148</b>	<b>28</b>	<b>13,316</b>	<b>571</b>	<b>8,307</b>
	<b>2012</b>	<b>9,124</b>	<b>..</b>	<b>9,491</b>	<b>1,161</b>	<b>4,197</b>	<b>29</b>	<b>14,102</b>	<b>542</b>	<b>8,611</b>
Argentina	2009	658	..	1,947	247	641	1	1,413	188	3,113
	2010	699	..	2,580	394	632	12	1,398	293	2,842
	2011	762	..	2,510	369	675	12	1,393	263	2,694
	2012	1,218	..	2,643	372	532	11	1,474	301	2,970
Bolivia (Plur. State of)	2009	102	..	1	20	3	0	..	2	94
	2010	79	..	1	21	2	0	..	5	112
	2011	85	..	0	21	2	0	..	15	120
	2012	100	..	0	22	2	1	..	13	180
Brazil	2009	4,989	..	6,079	526	2,090	..	3,515	319	2,443
	2010	4,854	..	5,295	534	2,767	..	3,484	357	2,762
	2011	4,908	..	4,594	534	2,465	..	4,281	266	2,960
	2012	4,873	..	4,660	538	2,572	..	5,075	205	2,867
Chile	2009	571	..	116	..	..	..	180	..	522
	2010	223	..	72	..	..	..	353	..	626
	2011	252	..	59	..	..	..	331	..	652
	2012	226	..	60	..	..	..	418	..	707
Colombia	2009	401	..	308	..	..	..	..	..	795
	2010	598	..	306	..	..	..	..	..	698
	2011	843	..	314	..	..	..	..	..	*601
	2012	835	..	*314	..	..	..	..	..	*504

Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Ecuador	2009	..	..	..	..	387	..	..	..	416
	2010	..	..	..	..	351	..	..	..	325
	2011	..	..	..	..	370	..	..	18	256
	2012	..	..	..	3	395	..	..	21	348
Peru	2009	114	..	..	..	..	..	..	..	288
	2010	178	..	..	..	..	..	..	..	341
	2011	177	..	..	..	..	..	..	..	337
	2012	169	..	..	..	..	..	..	..	309
Uruguay	2009	79	..	..	..	49	..	28	3	..
	2010	75	..	..	..	40	..	24	3	..
	2011	57	..	..	..	19	..	20	9	..
	2012	74	..	..	..	44	..	26	2	..
Venezuela(Bolivar. Rep.)	2009	1,493	..	1,856	208	601	15	8,253	..	669
	2010	1,671	..	2,092	205	592	15	9,235	..	659
	2011	1,319	..	*1,814	214	617	16	7,291	..	687
	2012	1,629	..	*1,814	226	652	17	7,109	..	726
<b>Asia</b>	<b>2009</b>	<b>48,560</b>	<b>22</b>	<b>121,776</b>	<b>18,496</b>	<b>41,126</b>	<b>3,661</b>	<b>18,368</b>	<b>1,549</b>	<b>23,049</b>
	<b>2010</b>	<b>52,752</b>	<b>28</b>	<b>122,238</b>	<b>13,145</b>	<b>47,499</b>	<b>1,914</b>	<b>24,191</b>	<b>1,948</b>	<b>78,649</b>
	<b>2011</b>	<b>53,872</b>	<b>34</b>	<b>131,586</b>	<b>14,371</b>	<b>41,756</b>	<b>1,623</b>	<b>27,953</b>	<b>2,896</b>	<b>76,185</b>
	<b>2012</b>	<b>54,547</b>	<b>39</b>	<b>131,445</b>	<b>14,832</b>	<b>44,115</b>	<b>1,773</b>	<b>31,584</b>	<b>3,043</b>	<b>118,107</b>
Azerbaijan	2009	276	..	257	46	236	..	127	..	167
	2010	262	..	239	87	242	..	396	..	283
	2011	245	..	219	91	266	..	269	..	206
	2012	263	..	149	63	288	..	231	..	269
Bahrain	2009	257	..	1,532	..	501	..	..	..	89
	2010	266	..	1,681	..	457	..	..	..	195
	2011	258	..	1,574	74	353	..	..	..	179
	2012	266	..	1,708	612	319	..	..	..	189
Bangladesh	2009	25	..	94	10	34	..	..	5	25
	2010	38	..	145	9	52	..	..	6	25
	2011	41	..	133	13	55	..	..	8	27
	2012	36	..	113	13	65	..	..	7	32
Brunei Darussalam	2009	55	..	0	..	..	..	..	..	37
	2010	50	..	0	..	..	..	..	..	0
	2011	38	..	0	..	..	..	..	..	0
	2012	38	..	0	..	..	..	..	..	0
China	2009	12,011	..	24,519	6,891	11,679	3,389	11,458	..	..
	2010	13,738	..	19,316	2,189	19,639	1,601	16,245	743	51,581
	2011	14,699	..	27,659	2,479	14,114	1,333	16,880	1,730	49,565
	2012	15,674	..	27,459	2,224	16,187	1,468	17,675	1,614	85,099
Georgia	2009	..	..	..	..	8	..	..	..	..
	2010	..	..	..	..	0	..	..	..	..
	2011	..	..	..	..	0	..	..	..	..
	2012	..	..	..	..	0	..	..	..	..
India	2009	14,577	..	17,107	950	4,934	64	3,709	..	12,478
	2010	15,872	..	17,535	884	4,536	61	4,478	..	14,542
	2011	15,422	..	17,135	1,028	4,638	47	7,837	..	13,740
	2012	16,560	..	17,354	896	4,658	52	10,943	..	17,003
Indonesia	2009	662	..	1,921	388	316	10	540	537	*964
	2010	623	..	1,731	283	115	14	543	22	*964
	2011	661	..	3,423	432	323	*15	*576	*20	*964
	2012	636	..	2,795	421	337	*18	*584	*22	*916

Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Iran (Islamic Rep. of)	2009	1,970	22	2,917	1,492	4,576	..	..	..	270
	2010	1,999	28	2,856	1,497	3,816	..	..	..	62
	2011	1,340	34	3,290	1,595	3,630	..	..	..	208
	2012	1,549	39	3,067	1,538	4,116	..	..	..	477
Iraq	2009	457	..	550	44	379	33	..	..	..
	2010	613	..	774	43	412	26	..	..	..
	2011	340	..	498	129	596	43	..	..	..
	2012	321	..	470	122	562	41	..	..	..
Israel	2009	..	..	368	..	266	..	..	..	306
	2010	..	..	439	..	257	..	..	..	871
	2011	..	..	695	..	262	..	..	..	421
	2012	..	..	484	..	226	..	..	..	822
Japan	2009	7,420	..	15,767	2,169	4,608	85	876	77	2,224
	2010	7,566	..	14,674	2,357	4,377	82	1,211	70	2,348
	2011	7,264	..	13,822	2,210	3,939	70	1,203	113	2,228
	2012	7,239	..	13,916	2,084	3,960	73	919	116	2,214
Jordan	2009	39	..	..	*16	193	..	..	..	4
	2010	23	..	..	*16	150	..	..	..	4
	2011	33	..	..	*16	107	..	..	..	4
	2012	32	..	..	*16	*97	..	..	..	4
Kazakhstan	2009	99	..	..	0	129	..	205	0	*280
	2010	118	..	..	0	174	..	190	0	*335
	2011	134	..	..	0	257	..	212	0	*335
	2012	150	..	..	0	287	..	198	0	*335
Korea, Republic of	2009	2,379	..	19,034	2,974	3,519	14	234	492	1,049
	2010	2,396	..	20,167	2,239	3,660	17	265	596	1,205
	2011	2,686	..	22,953	2,431	3,022	15	277	496	2,729
	2012	2,689	..	24,315	2,637	3,109	13	290	489	2,831
Kuwait	2009	401	..	7,934	..	132	..	..	..	962
	2010	412	..	8,693	..	120	..	..	..	905
	2011	393	..	8,123	..	139	..	..	..	886
	2012	423	..	6,043	..	209	..	..	..	1,575
Malaysia	2009	179	..	3,992	101	706	28	*96	..	..
	2010	192	..	3,936	172	113	38	*15	..	..
	2011	1,633	..	3,898	181	119	39	16	..	..
	2012	194	..	3,617	172	113	37	15	..	..
Myanmar	2009	31	..	..	..	..	1	17	..	11
	2010	34	..	..	..	..	1	15	..	11
	2011	30	..	54	..	..	1	19	..	8
	2012	27	..	49	..	..	1	22	..	5
Oman	2009	310	..	585	71	..	..	..	..	459
	2010	278	..	420	58	..	..	..	..	366
	2011	339	..	542	71	..	..	..	..	485
	2012	334	..	585	70	..	..	..	..	503
Other Asia	2009	1,134	..	8,177	175	665	..	848	73	509
	2010	1,194	..	7,758	234	723	..	748	83	481
	2011	1,120	..	7,096	220	650	..	598	75	863
	2012	1,110	..	8,076	221	649	..	641	75	705
Pakistan	2009	99	..	673	195	286	8	..	..	51
	2010	104	..	814	199	214	31	..	..	54
	2011	104	..	724	200	214	11	..	..	26
	2012	*159	..	*736	*204	*155	*11	..	..	*26

Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Philippines	2009	..	..	276	..	..	..	..	..	322
	2010	..	..	171	..	..	..	..	..	498
	2011	..	..	158	..	..	..	..	..	493
	2012	..	..	135	..	..	..	..	..	407
Qatar	2009	58	..	1,519	..	..	..	..	..	694
	2010	66	..	3,855	..	..	..	..	..	993
	2011	62	..	4,006	..	..	..	..	..	221
	2012	65	..	3,923	..	..	..	..	..	1,264
Saudi Arabia	2009	1,513	..	7,689	..	2,152	..	..	..	564
	2010	2,529	..	8,434	..	2,082	..	..	..	793
	2011	2,520	..	7,308	..	2,666	..	..	..	358
	2012	2,351	..	7,551	..	2,146	..	..	..	663
Singapore	2009	2,580	..	1,594	2,581	1,946	17	71	197	401
	2010	2,791	..	2,026	2,447	1,883	25	60	223	647
	2011	3,017	..	1,634	2,649	1,891	30	42	236	598
	2012	2,984	..	2,437	3,137	2,141	32	45	236	869
Sri Lanka	2009	16	..	105	..	42	..	..	1	..
	2010	14	..	84	..	35	..	..	3	..
	2011	16	..	80	..	46	..	..	4	..
	2012	14	..	71	..	27	..	..	4	..
Syrian Arab Republic	2009	359	..	495	0	478	..	*158	..	25
	2010	156	..	967	43	537	..	0	..	27
	2011	153	..	948	42	526	..	0	..	26
	2012	109	..	673	30	373	..	0	..	18
Tajikistan	2009	..	..	18	..	3	..	..	..	..
	2010	..	..	19	..	4	..	..	..	..
	2011	..	..	19	..	4	..	..	..	..
	2012	..	..	21	..	2	..	..	..	..
Thailand	2009	..	..	..	..	1,154	..	..	..	..
	2010	..	..	..	..	1,238	..	..	..	..
	2011	..	..	..	..	1,136	..	..	..	..
	2012	..	..	..	..	1,207	..	..	..	..
Turkey	2009	1,189	..	168	246	2,010	11	..	159	144
	2010	921	..	604	263	2,496	17	..	195	182
	2011	847	..	302	392	2,714	18	..	207	204
	2012	872	..	308	266	2,810	26	..	474	492
Turkmenistan	2009	140	..	..	..	..	..	..	..	290
	2010	180	..	..	..	..	..	..	..	340
	2011	150	..	..	..	..	..	..	..	350
	2012	140	..	..	..	..	..	..	..	320
United Arab Emirates	2009	181	..	4,426	..	..	..	..	..	464
	2010	196	..	4,808	..	..	..	..	..	524
	2011	213	..	5,068	..	..	..	..	..	658
	2012	211	..	5,063	..	..	..	..	..	670
Uzbekistan	2009	143	..	..	147	81	1	29	8	259
	2010	121	..	..	125	69	1	25	7	220
	2011	114	..	..	118	65	1	24	7	207
	2012	102	..	..	105	58	1	21	6	185
Viet Nam	2009	..	..	..	..	..	..	..	..	..
	2010	..	..	..	..	..	..	..	..	193
	2011	..	..	..	..	..	..	..	..	195
	2012	..	..	..	..	..	..	..	..	215

Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Yemen	2009	..	..	59	..	93	..	..	..	..
	2010	..	..	92	..	98	..	..	..	..
	2011	..	..	225	..	24	..	..	..	..
	2012	..	..	327	..	13	..	..	..	..
<b>Europe</b>	<b>2009</b>	<b>35,966</b>	<b>17</b>	<b>49,360</b>	<b>10,530</b>	<b>26,981</b>	<b>885</b>	<b>10,909</b>	<b>907</b>	<b>25,091</b>
	<b>2010</b>	<b>36,071</b>	<b>17</b>	<b>55,612</b>	<b>11,451</b>	<b>26,663</b>	<b>1,124</b>	<b>11,014</b>	<b>1,139</b>	<b>28,121</b>
	<b>2011</b>	<b>36,396</b>	<b>17</b>	<b>57,202</b>	<b>11,228</b>	<b>26,703</b>	<b>1,196</b>	<b>11,714</b>	<b>1,128</b>	<b>24,177</b>
	<b>2012</b>	<b>36,066</b>	<b>16</b>	<b>56,859</b>	<b>10,570</b>	<b>24,227</b>	<b>1,012</b>	<b>12,713</b>	<b>1,062</b>	<b>24,395</b>
Albania	2009	13	..	23	..	73	..	72	..	91
	2010	4	..	4	..	64	..	16	..	44
	2011	10	..	19	..	26	..	62	..	86
	2012	5	..	4	..	25	..	15	..	42
Austria	2009	369	..	870	97	420	..	67	64	10
	2010	392	..	892	96	292	..	62	70	59
	2011	381	..	844	72	376	..	62	65	23
	2012	311	..	1,009	2	366	..	70	0	32
Belarus	2009	403	..	..	..	518	..	..	..	1,489
	2010	296	..	..	..	513	..	..	..	529
	2011	481	..	..	..	479	..	..	..	1,509
	2012	693	..	..	..	563	..	..	..	889
Belgium	2009	808	..	1,178	78	1,342	..	333	69	6,584
	2010	832	..	1,401	9	1,294	..	335	86	5,928
	2011	762	..	1,840	0	1,187	..	242	0	5,679
	2012	820	..	1,890	8	1,100	..	330	0	5,991
Bosnia and Herzegovina	2009	..	..	7	84	104	..	..	..	47
	2010	..	..	43	134	141	..	..	..	58
	2011	..	..	24	174	153	..	..	..	89
	2012	..	..	19	136	145	..	..	..	37
Bulgaria	2009	218	..	429	..	175	..	71	1	61
	2010	204	..	322	..	173	..	76	3	43
	2011	187	..	276	..	169	..	81	2	33
	2012	198	..	303	..	188	..	78	3	14
Croatia	2009	200	..	138	18	107	0	102	..	115
	2010	162	..	66	13	66	0	101	..	213
	2011	267	..	90	9	50	0	65	..	46
	2012	294	..	59	12	26	0	85	..	55
Czech Republic	2009	146	..	736	152	473	6	..	0	1,026
	2010	155	..	860	172	523	9	..	0	1,117
	2011	145	..	773	159	459	13	..	1	1,002
	2012	158	..	794	90	477	11	..	0	1,015
Denmark	2009	297	..	12	..	..	..	..	..	..
	2010	263	..	41	..	..	..	..	..	..
	2011	288	..	0	..	..	..	..	..	..
	2012	301	..	0	..	..	..	..	..	..
Finland	2009	486	..	264	250	238	..	132	157	126
	2010	450	..	200	255	254	..	126	175	122
	2011	450	..	281	295	261	..	137	193	134
	2012	430	..	250	284	190	..	126	152	135
France	2009	2,731	..	4,586	1,286	2,773	153	860	62	1,764
	2010	2,650	..	5,042	1,383	2,461	177	747	107	1,222
	2011	2,736	..	5,259	1,526	2,516	206	717	106	1,210
	2012	2,251	..	4,362	983	1,891	130	635	99	865



Table 23

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Germany	2009	3,836	..	7,967	2,237	3,775	111	1,902	33	1,672
	2010	3,833	..	8,018	2,511	3,402	123	2,013	30	1,809
	2011	3,884	..	7,750	2,431	3,869	127	1,763	26	1,626
	2012	3,795	..	8,104	2,469	3,595	139	1,743	22	1,646
Greece	2009	557	..	608	210	782	..	171	..	249
	2010	593	..	1,010	219	494	..	201	..	308
	2011	506	..	597	232	321	..	188	..	333
	2012	590	..	1,266	221	253	..	264	2	1,354
Hungary	2009	198	..	953	166	544	53	285	16	326
	2010	193	..	1,045	115	552	53	309	25	708
	2011	199	..	1,080	118	591	34	355	21	680
	2012	179	..	1,004	130	410	33	340	85	643
Ireland	2009	75	..	23	..	..	..	..	..	..
	2010	88	..	25	..	..	..	..	..	..
	2011	43	..	17	..	..	..	..	..	..
	2012	48	..	12	..	..	..	..	..	..
Italy	2009	2,755	..	2,725	954	3,688	71	1,244	20	3,562
	2010	3,100	..	3,582	1,222	4,114	90	1,568	10	5,148
	2011	3,077	..	3,803	1,283	3,305	86	1,733	5	3,094
	2012	2,729	..	3,122	1,269	2,604	81	1,445	5	3,000
Lithuania	2009	301	..	45	30	117	..	119	..	70
	2010	310	..	0	36	127	..	118	..	74
	2011	295	..	0	40	132	..	119	..	77
	2012	294	..	0	43	110	..	105	..	73
Netherlands	2009	1,970	..	9,570	993	291	188	..	39	1,089
	2010	1,844	..	7,539	916	183	272	..	107	1,007
	2011	1,956	..	8,215	636	247	345	..	111	1,225
	2012	2,063	..	7,720	583	315	276	..	103	1,190
Norway	2009	412	..	1,626	..	..	..	152	..	..
	2010	383	..	1,539	..	..	..	162	..	..
	2011	365	..	1,500	..	..	..	483	..	..
	2012	363	..	1,914	..	..	..	155	..	..
Poland	2009	848	..	1,150	296	1,568	64	..	124	437
	2010	902	..	1,363	370	1,567	68	..	161	466
	2011	955	..	1,332	408	1,788	76	..	176	759
	2012	1,032	..	1,542	455	1,550	78	..	168	876
Portugal	2009	19	..	992	126	322	12	..	21	872
	2010	30	..	1,081	123	260	11	..	29	695
	2011	15	..	961	135	202	15	..	14	383
	2012	19	..	1,218	135	163	14	..	17	320
Republic of Moldova	2009	..	..	..	0	..	..	..	..	0
	2010	..	..	..	5	..	..	..	..	0
	2011	..	..	..	5	..	..	..	..	0
	2012	..	..	..	2	..	..	..	..	1
Romania	2009	908	..	537	1	162	2	747	48	121
	2010	826	..	397	0	78	0	695	60	625
	2011	783	..	269	0	54	0	749	86	271
	2012	700	..	263	0	45	0	695	106	118
Russian Federation	2009	12,103	..	11,976	2,428	4,083	197	1,252	..	..
	2010	12,022	..	18,089	2,723	4,778	252	1,039	45	..
	2011	12,224	..	19,366	2,630	5,422	253	1,052	51	..
	2012	12,661	..	19,978	2,582	6,054	216	1,268	49	..

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

Thousand metric tons

Country or area	Year	Refinery gas	Ethane	Naphtha	Lubricants	Bitumen	Paraffin waxes	Petroleum coke	White spirit and SBP	Other oil products
Serbia	2009	58	..	144	4	127	..	35	..	150
	2010	64	..	134	6	155	..	33	..	237
	2011	48	..	150	7	179	..	28	..	122
	2012	37	..	127	8	172	..	25	..	170
Slovakia	2009	400	17	471	..	29	..	56	14	314
	2010	370	17	527	..	14	..	47	2	294
	2011	422	17	531	..	11	..	57	0	328
	2012	321	16	371	..	5	..	55	0	243
Spain	2009	1,716	..	535	131	2,740	28	1,111	178	2,563
	2010	1,782	..	519	237	2,617	44	1,150	163	4,094
	2011	1,926	..	464	194	2,434	41	1,543	206	2,651
	2012	2,059	..	318	165	1,878	34	3,086	179	3,134
Sweden	2009	642	..	266	349	843	..	64	..	993
	2010	571	..	277	375	792	..	47	..	1,598
	2011	530	..	248	342	672	..	45	..	1,276
	2012	623	..	240	435	702	..	65	..	1,250
Switzerland	2009	236	..	0	..	..	..	64	..	25
	2010	227	..	0	..	..	..	63	..	24
	2011	217	..	20	..	..	..	53	..	36
	2012	168	..	20	..	..	..	56	..	17
T.F.Yug.Rep. Macedonia	2009	2	..	..	..	..	..	..	..	..
	2010	0	..	..	..	..	..	..	..	..
	2011	0	..	..	..	..	..	..	..	..
	2012	0	..	..	..	..	..	..	..	..
Ukraine	2009	501	..	..	110	349	..	..	..	131
	2010	545	..	..	119	473	14	..	..	153
	2011	438	..	..	102	324	..	..	..	93
	2012	269	..	..	101	178	..	..	..	20
United Kingdom	2009	2,758	..	1,529	530	1,338	0	2,070	61	1,204
	2010	2,980	..	1,596	412	1,276	11	2,106	66	1,546
	2011	2,806	..	1,493	430	1,476	0	2,180	65	1,412
	2012	2,655	..	950	457	1,222	0	2,072	72	1,265
<b>Oceania</b>	<b>2009</b>	<b>920</b>	<b>..</b>	<b>429</b>	<b>97</b>	<b>740</b>	<b>6</b>	<b>473</b>	<b>76</b>	<b>321</b>
	<b>2010</b>	<b>978</b>	<b>..</b>	<b>432</b>	<b>63</b>	<b>688</b>	<b>3</b>	<b>492</b>	<b>69</b>	<b>144</b>
	<b>2011</b>	<b>1,091</b>	<b>..</b>	<b>388</b>	<b>54</b>	<b>611</b>	<b>1</b>	<b>588</b>	<b>71</b>	<b>448</b>
	<b>2012</b>	<b>1,086</b>	<b>..</b>	<b>270</b>	<b>0</b>	<b>591</b>	<b>0</b>	<b>521</b>	<b>70</b>	<b>79</b>
Australia	2009	648	..	254	97	621	6	473	76	240
	2010	709	..	160	63	540	3	492	69	66
	2011	797	..	161	54	495	1	588	71	381
	2012	798	..	11	0	474	0	521	70	11
New Zealand	2009	272	..	..	..	119	..	..	..	81
	2010	269	..	..	..	148	..	..	..	78
	2011	294	..	..	..	116	..	..	..	67
	2012	288	..	..	..	117	..	..	..	68
Papua New Guinea	2009	..	..	175	..	..	..	..	..	..
	2010	..	..	272	..	..	..	..	..	..
	2011	..	..	227	..	..	..	..	..	..
	2012	..	..	259	..	..	..	..	..	..