

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Table Notes

Output is equal to the sum of “production from refineries” for aviation gasoline, bitumen, gas/diesel oil, ethane, feedstocks, gasoline-type jet fuel, kerosene-type jet fuel, other kerosene, liquefied petroleum gas, lubricants, motor gasoline, naphtha, petroleum coke, other oil products, paraffin waxes, fuel oil, refinery gas and white spirits.

Throughput is equal to the sum of “transformation in refineries” for conventional crude oil, feedstocks, other hydrocarbons, additives and oxygenates, and natural gas liquids.

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 43: Refinery distillation capacity, throughput and output by region, 2015

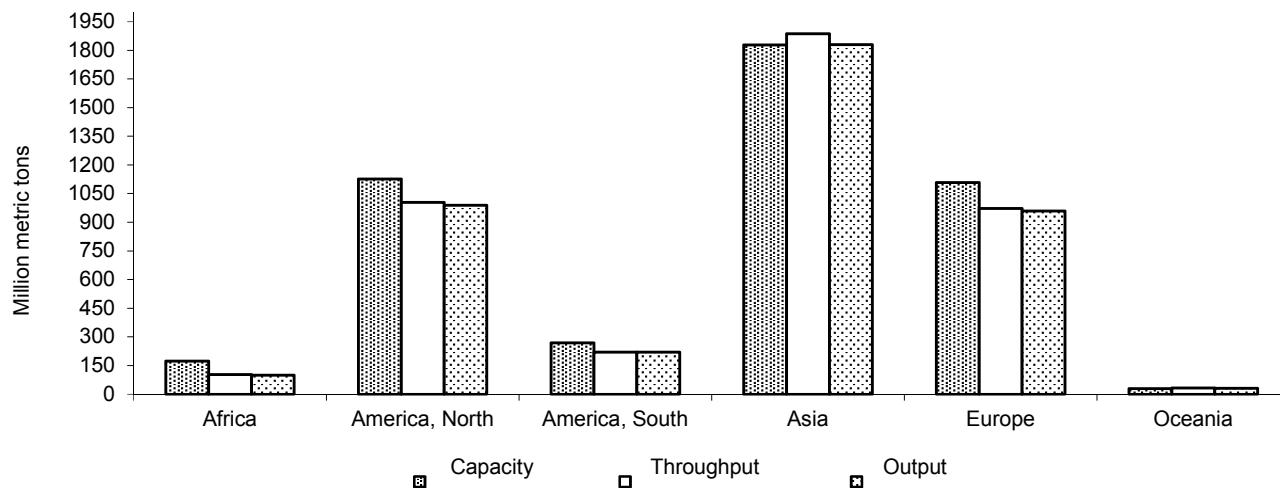


Figure 44: Total refinery distillation capacity by region, 1990-2015

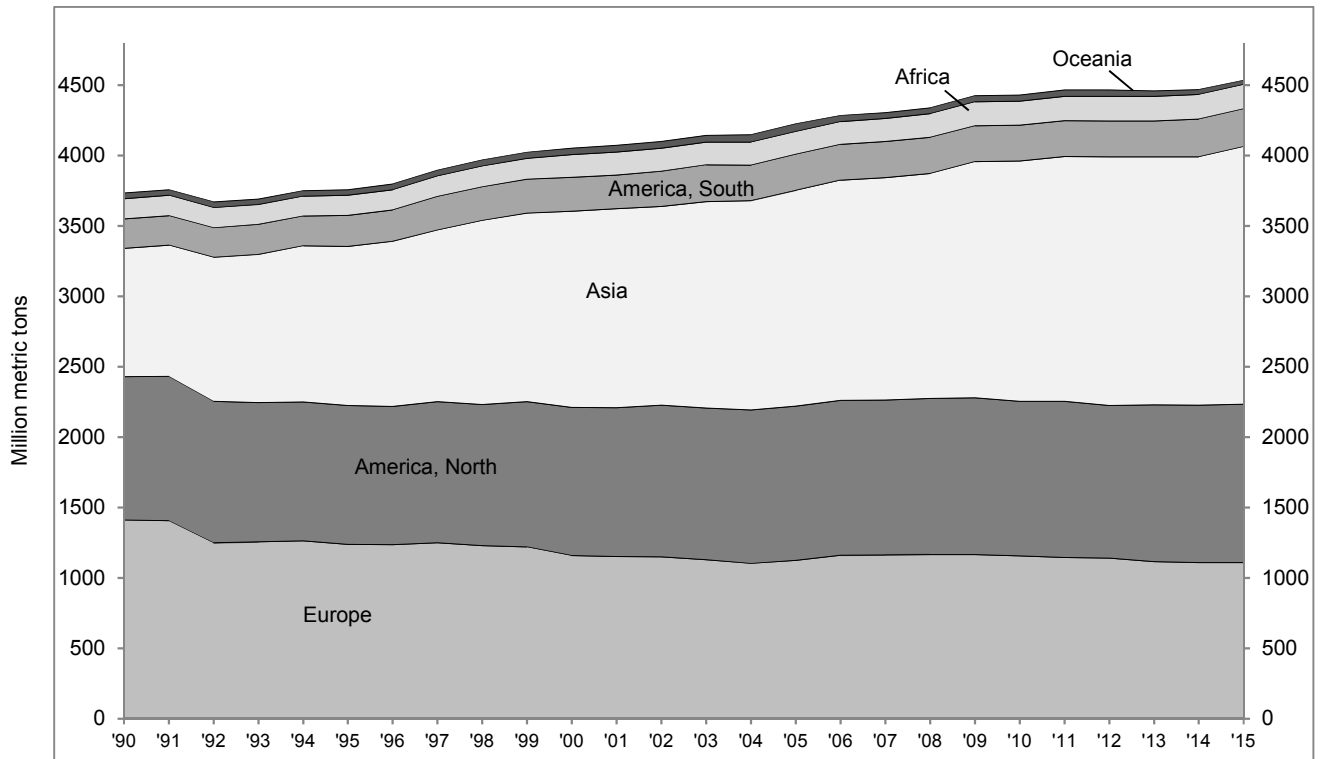


Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
World	2012	4,464,838	4,050,649	3,958,755
	2013	4,460,039	4,059,816	3,980,469
	2014	4,468,775	4,129,535	4,036,486
	2015	4,534,913	4,216,267	4,128,148
Africa	2012	174,754	110,542	107,183
	2013	174,777	111,945	107,327
	2014	176,474	110,729	107,525
	2015	173,266	102,684	99,617
Algeria	2012	32,459	23,710	23,007
	2013	32,459	24,326	23,978
	2014	32,459	31,108	31,033
	2015	32,459	29,903	29,713
Angola	2012	2,750	2,062	1,963
	2013	2,750	2,268	2,187
	2014	2,750	2,310	2,235
	2015	2,843	2,058	2,049
Cameroon	2012	*2,244	1,726	1,740
	2013	*2,244	1,201	1,242
	2014	*2,993	1,688	1,713
	2015	*2,993	1,793	1,789
Congo	2012	1,047	870	711
	2013	1,047	915	775
	2014	1,047	870	791
	2015	1,047	828	754
Côte d'Ivoire	2012	3,192	3,448	3,226
	2013	3,192	3,336	3,290
	2014	3,192	3,201	3,112
	2015	3,192	3,267	3,172
Egypt	2012	36,222	27,230	26,892
	2013	36,222	25,598	23,969
	2014	36,222	26,414	25,268
	2015	38,040	26,087	25,595
Gabon	2012	1,198	771	770
	2013	1,198	838	837
	2014	1,198	815	814
	2015	1,197	802	801
Ghana	2012	2,244	524	474
	2013	2,244	438	424
	2014	2,244	120	129
	2015	2,244	104	89
Kenya	2012	4,488	969	968
	2013	4,488	627	597
	2014	4,488	0	0
	2015	0	0	0
Libya	2012	18,852	8,612	8,362
	2013	18,852	10,794	10,479
	2014	18,853	4,940	4,797
	2015	18,953	4,368	4,239
Mauritania	2012	948	..	..
	2013	948	..	..
	2014	998	..	..
	2015	998	..	..

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Morocco	2012	10,000	7,715	7,494
	2013	10,000	7,237	7,080
	2014	10,000	6,729	6,581
	2015	10,000	3,195	3,127
Niger	2012	*1,200	608	545
	2013	*1,200	885	808
	2014	*1,200	818	725
	2015	*1,200	742	637
Nigeria	2012	22,195	4,953	5,011
	2013	22,195	5,195	5,168
	2014	22,195	3,470	3,477
	2015	22,195	1,708	1,607
Senegal	2012	1,248	778	768
	2013	1,248	862	764
	2014	1,248	840	784
	2015	1,248	894	835
Sierra Leone	2012	498	..	..
	2013	498	..	..
	2014	498	..	..
	2015	499	..	..
South Africa	2012	24,167	20,159	19,002
	2013	24,190	21,128	19,767
	2014	25,087	20,842	19,701
	2015	25,087	20,724	19,039
Sudan	2012	6,074	4,008	3,905
	2013	6,074	3,978	3,734
	2014	6,074	4,212	4,065
	2015	6,074	4,273	4,261
Tunisia	2012	1,800	1,743	1,728
	2013	1,800	1,692	1,640
	2014	1,800	1,651	1,641
	2015	1,800	1,315	1,305
United Rep. of Tanzania	2012	743	..	..
	2013	743	..	..
	2014	743	..	..
	2015	..	..	..
Zambia	2012	1,185	655	616
	2013	1,185	627	589
	2014	1,185	701	659
	2015	1,197	623	605
America, North	2012	1,085,466	978,558	971,409
	2013	1,112,250	990,466	982,912
	2014	1,117,524	1,008,780	991,495
	2015	1,126,738	1,004,169	988,383
Aruba	2012	11,463	*2,580	*2,440
	2013	*11,463	0	0
	2014	*11,463	0	0
	2015	*11,463	0	0
Canada	2012	95,249	93,313	92,633
	2013	97,594	91,161	91,037
	2014	100,125	91,711	85,991
	2015	100,125	91,732	87,571

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Cuba	2012	6,135	5,145	5,107
	2013	6,135	5,056	5,138
	2014	6,135	5,001	4,877
	2015	*6,135	5,181	4,526
Curaçao	2012	15,971	9,105	8,619
	2013	15,971	9,314	9,044
	2014	15,971	9,952	9,574
	2015	15,960	9,481	9,062
Dominican Republic	2012	1,721	1,234	1,163
	2013	1,721	1,367	1,295
	2014	1,721	1,351	1,278
	2015	1,721	810	764
El Salvador	2012	1,097	582	575
	2013	1,097	0	0
	2014	1,097	0	0
	2015	1,097	0	0
Guatemala	2012	748	72	71
	2013	748	60	59
	2014	748	73	72
	2015	748	64	66
Jamaica	2012	1,795	1,145	1,218
	2013	1,795	1,096	1,171
	2014	1,795	903	963
	2015	1,795	1,218	1,194
Martinique	2012	864	*908	*858
	2013	864	*908	*867
	2014	864	*953	*904
	2015	864	*950	*898
Mexico	2012	76,808	66,620	62,343
	2013	76,808	70,403	64,969
	2014	76,808	69,604	61,799
	2015	76,808	63,749	56,815
Nicaragua	2012	997	538	518
	2013	997	717	690
	2014	997	713	688
	2015	995	729	702
Trinidad and Tobago	2012	8,379	5,517	5,415
	2013	8,379	6,817	6,613
	2014	8,379	5,397	5,275
	2015	8,379	6,464	6,306
United States	2012	864,239	791,799	790,449
	2013	888,678	803,566	802,029
	2014	891,421	823,122	820,074
	2015	900,648	823,792	820,479
America, South	2012	254,491	233,882	234,412
	2013	254,676	232,000	231,386
	2014	266,590	237,771	236,705
	2015	268,124	220,550	219,223
Argentina	2012	31,472	31,223	31,128
	2013	31,472	30,377	28,044
	2014	30,483	30,557	30,072
	2015	31,621	31,205	30,665

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Bolivia (Plur. State of)	2012	3,708	2,527	2,451
	2013	3,584	2,510	2,435
	2014	*3,584	2,718	2,636
	2015	3,394	3,039	2,948
Brazil	2012	106,812	98,498	101,717
	2013	104,993	104,992	108,480
	2014	117,580	108,355	111,078
	2015	120,742	100,981	104,248
Chile	2012	11,312	10,398	9,022
	2013	11,312	10,373	9,378
	2014	11,628	10,361	9,617
	2015	11,628	10,085	9,685
Colombia	2012	15,328	15,328	15,840
	2013	17,456	14,533	14,997
	2014	*17,456	16,937	15,697
	2015	14,506	12,815	10,937
Ecuador	2012	8,778	8,334	8,206
	2013	8,778	7,687	7,633
	2014	8,778	6,912	6,946
	2015	8,728	6,672	6,631
Paraguay	2012	370	..	..
	2013	370	..	..
	2014	370	..	..
	2015	370	..	..
Peru	2012	9,923	8,947	8,818
	2013	9,923	8,796	8,945
	2014	9,923	9,056	9,065
	2015	9,923	8,590	8,030
Suriname	2012	350	316	316
	2013	349	380	379
	2014	349	199	200
	2015	748	396	396
Uruguay	2012	2,493	1,934	1,951
	2013	2,494	2,083	2,051
	2014	2,494	1,947	1,903
	2015	2,494	1,888	1,900
Venezuela (Bolivar. Rep.)	2012	63,945	56,378	54,963
	2013	63,945	50,269	49,043
	2014	63,945	50,728	49,492
	2015	63,970	44,878	43,783
Asia	2012	1,764,792	1,722,738	1,670,978
	2013	1,761,384	1,748,314	1,702,244
	2014	1,764,251	1,785,741	1,733,684
	2015	1,828,989	1,886,146	1,830,479
Azerbaijan	2012	16,000	6,205	6,056
	2013	16,000	6,571	6,375
	2014	16,000	6,770	6,536
	2015	10,000	6,485	6,387
Bahrain	2012	12,964	12,950	13,466
	2013	12,964	13,468	13,312
	2014	12,965	12,785	13,360
	2015	12,964	13,349	13,446

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Bangladesh	2012	1,646	1,261	1,193
	2013	1,646	1,383	1,347
	2014	1,646	1,231	1,216
	2015	1,502	1,294	1,247
Brunei Darussalam	2012	*1,000	471	418
	2013	*1,000	564	485
	2014	*1,000	401	381
	2015	*1,000	493	468
China	2012	352,419	515,819	496,858
	2013	352,419	544,255	526,665
	2014	352,419	582,289	564,104
	2015	413,745	621,892	603,236
Georgia	2012	*5,440	9	7
	2013	*5,440	0	0
	2014	*5,440	0	0
	2015	*5,440	*14	12
India	2012	215,066	231,799	229,362
	2013	216,597	232,407	227,580
	2014	215,066	232,765	231,555
	2015	230,066	241,175	243,139
Indonesia	2012	57,711	47,635	44,942
	2013	46,957	48,011	47,125
	2014	46,957	50,677	44,593
	2015	46,957	45,657	42,655
Iran (Islamic Rep. of)	2012	85,596	89,911	91,584
	2013	85,596	92,478	93,062
	2014	88,890	89,133	90,427
	2015	94,813	85,812	86,097
Iraq	2012	41,397	29,131	28,646
	2013	41,397	29,782	29,343
	2014	43,690	24,524	23,931
	2015	25,935	20,556	19,694
Israel	2012	12,500	11,865	11,720
	2013	*14,000	13,420	13,923
	2014	*14,300	14,469	14,073
	2015	14,300	14,389	13,927
Japan	2012	237,201	170,470	169,173
	2013	220,593	173,552	172,618
	2014	222,775	164,513	161,842
	2015	195,347	164,294	162,843
Jordan	2012	4,509	3,757	3,537
	2013	4,509	3,284	3,146
	2014	4,509	3,282	3,075
	2015	4,509	3,346	3,174
Kazakhstan	2012	17,212	14,458	13,528
	2013	17,212	14,760	13,762
	2014	16,969	15,537	14,544
	2015	16,958	*14,610	13,358
Korea, Dem.Ppl's.Rep.	2012	3,541	525	508
	2013	3,541	580	561
	2014	3,541	532	515
	2015	2,541	532	515

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Korea, Republic of	2012	147,556	133,852	131,006
	2013	147,556	128,952	126,256
	2014	148,055	131,507	128,633
	2015	147,581	144,693	139,689
Kuwait	2012	46,683	45,273	40,496
	2013	46,683	43,767	41,381
	2014	46,683	42,546	41,638
	2015	46,683	43,661	42,787
Kyrgyzstan	2012	499	84	81
	2013	499	83	77
	2014	499	144	144
	2015	499	323	320
Malaysia	2012	26,862	26,720	25,114
	2013	26,862	25,784	24,086
	2014	26,862	25,526	23,519
	2015	26,862	23,772	23,684
Myanmar	2012	2,843	690	648
	2013	2,843	552	510
	2014	2,843	555	521
	2015	2,843	*548	499
Oman	2012	11,072	10,033	9,876
	2013	11,072	9,274	9,160
	2014	11,072	10,733	10,598
	2015	11,072	10,702	10,857
Other Asia	2012	65,337	48,871	45,973
	2013	65,382	45,856	43,382
	2014	65,382	45,724	42,658
	2015	65,337	44,527	42,694
Pakistan	2012	*13,080	10,746	10,375
	2013	*13,080	11,758	11,434
	2014	*13,080	12,142	11,780
	2015	*13,080	12,999	12,616
Philippines	2012	13,616	8,237	7,954
	2013	13,616	7,657	7,384
	2014	13,766	8,101	7,843
	2015	13,766	10,349	9,839
Qatar	2012	16,893	13,618	13,478
	2013	16,893	14,920	12,640
	2014	16,893	12,428	12,314
	2015	14,115	11,970	11,914
Saudi Arabia	2012	105,337	97,530	95,618
	2013	125,287	93,401	91,570
	2014	124,489	109,580	107,431
	2015	144,589	126,145	128,043
Singapore	2012	67,681	*58,115	52,148
	2013	67,057	*53,659	49,222
	2014	67,057	*53,912	45,521
	2015	67,057	*54,878	44,437
Sri Lanka	2012	2,350	1,626	1,494
	2013	2,350	1,743	1,569
	2014	2,350	1,824	1,686
	2015	2,494	1,692	1,615

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Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Syrian Arab Republic	2012	11,963	8,253	8,152
	2013	11,963	5,457	5,392
	2014	11,963	5,457	5,391
	2015	11,963	5,457	5,391
Tajikistan	2012	*100	30	26
	2013	150	23	21
	2014	*150	25	21
	2015	*150	25	*21
Thailand	2012	61,670	48,715	48,293
	2013	62,419	53,801	53,347
	2014	62,419	51,349	51,005
	2015	62,443	56,516	56,162
Turkey	2012	35,625	23,332	23,139
	2013	35,625	24,207	23,995
	2014	33,067	22,032	21,876
	2015	33,067	29,412	29,234
Turkmenistan	2012	11,819	8,157	7,912
	2013	11,819	8,241	7,911
	2014	11,819	8,903	8,547
	2015	11,819	8,906	8,550
United Arab Emirates	2012	34,453	31,843	28,323
	2013	35,205	32,442	31,117
	2014	34,956	32,092	30,794
	2015	56,119	54,802	41,548
Uzbekistan	2012	11,186	3,245	3,204
	2013	11,186	3,075	3,058
	2014	11,186	2,897	2,864
	2015	7,880	2,812	2,778
Viet Nam	2012	6,983	6,200	5,429
	2013	6,983	6,063	6,493
	2014	6,510	*6,632	6,152
	2015	6,510	7,118	6,721
Yemen	2012	6,983	1,302	1,240
	2013	6,983	3,084	2,937
	2014	6,983	2,724	2,594
	2015	6,983	942	882
Europe	2012	1,140,439	966,480	937,806
	2013	1,116,373	940,010	919,951
	2014	1,109,964	951,678	933,466
	2015	1,108,477	971,363	959,271
Albania	2012	1,500	111	111
	2013	1,500	40	40
	2014	1,500	361	336
	2015	1,496	276	288
Austria	2012	9,645	8,868	8,756
	2013	10,169	8,999	8,917
	2014	10,169	8,977	8,904
	2015	10,169	9,261	9,132
Belarus	2012	24,605	21,667	21,375
	2013	24,605	21,156	20,880
	2014	24,605	22,289	21,973
	2015	24,605	23,003	22,678

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Belgium	2012	36,293	35,155	34,828
	2013	36,293	32,361	32,145
	2014	41,060	35,680	35,250
	2015	41,658	35,390	35,204
Bosnia and Herzegovina	2012	11,970	1,119	1,079
	2013	*11,970	1,036	965
	2014	*11,970	990	989
	2015	*11,970	914	919
Bulgaria	2012	5,748	6,606	6,425
	2013	5,748	6,639	6,443
	2014	5,748	6,318	6,129
	2015	9,726	6,935	6,681
Croatia	2012	12,485	3,727	3,707
	2013	12,485	3,389	3,357
	2014	12,485	2,979	2,953
	2015	10,699	3,376	3,342
Czechia	2012	9,127	7,662	7,587
	2013	9,127	7,001	6,969
	2014	9,676	7,862	7,822
	2015	9,676	7,542	7,508
Denmark	2012	8,698	7,635	7,427
	2013	8,698	7,173	6,989
	2014	8,449	6,910	6,685
	2015	8,449	9,128	8,912
Finland	2012	12,996	14,415	14,293
	2013	12,996	14,837	14,758
	2014	12,996	14,327	14,145
	2015	12,996	12,804	12,720
France	2012	87,153	61,406	60,903
	2013	75,233	58,296	57,891
	2014	70,120	58,111	57,621
	2015	70,120	59,958	59,505
Germany	2012	112,082	102,874	100,742
	2013	112,082	100,062	97,921
	2014	109,122	98,953	96,755
	2015	109,122	101,162	99,200
Greece	2012	24,381	23,917	23,765
	2013	26,234	24,251	24,034
	2014	24,688	27,579	27,516
	2015	*24,688	28,507	28,427
Hungary	2012	8,030	7,896	7,818
	2013	8,030	7,715	7,644
	2014	8,030	8,022	7,944
	2015	8,030	7,557	7,473
Ireland	2012	3,541	3,073	3,019
	2013	3,541	2,850	2,788
	2014	3,541	2,763	2,710
	2015	3,541	3,380	3,365
Italy	2012	109,488	82,020	81,598
	2013	105,523	70,111	69,628
	2014	102,060	66,817	66,337
	2015	105,601	74,675	73,935

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Lithuania	2012	10,220	9,059	8,977
	2013	10,220	9,584	9,486
	2014	10,220	8,036	7,943
	2015	9,476	9,018	8,920
Netherlands	2012	59,585	57,831	56,639
	2013	59,560	56,196	55,381
	2014	60,503	57,257	56,579
	2015	60,503	60,452	59,972
Norway	2012	15,910	15,641	15,023
	2013	15,910	16,423	16,018
	2014	15,910	14,592	14,514
	2015	15,910	17,008	16,951
Poland	2012	24,586	26,767	25,625
	2013	24,586	25,707	24,893
	2014	24,586	25,636	24,821
	2015	24,586	27,821	27,230
Portugal	2012	15,171	11,673	11,673
	2013	15,171	13,941	13,941
	2014	15,171	12,662	12,662
	2015	15,171	15,092	15,092
Republic of Moldova	2012	*19	17	18
	2013	*19	20	19
	2014	*19	18	18
	2015	19	11	11
Romania	2012	26,797	9,850	9,850
	2013	23,032	10,122	10,122
	2014	23,032	11,666	11,666
	2015	18,968	11,530	11,530
Russian Federation	2012	274,314	274,310	255,290
	2013	274,314	278,600	266,656
	2014	274,314	292,845	283,328
	2015	271,906	282,140	278,118
Serbia	2012	10,715	2,260	2,260
	2013	10,715	3,111	3,111
	2014	10,715	3,132	3,110
	2015	10,715	3,402	3,382
Slovakia	2012	5,736	5,907	5,877
	2013	5,736	6,572	6,552
	2014	5,736	5,745	5,725
	2015	5,736	6,487	6,437
Slovenia	2012	674	..	..
	2013	674	..	..
	2014	674	..	..
	2015	673	..	..
Spain	2012	63,416	61,892	61,346
	2013	64,414	61,037	60,501
	2014	71,197	61,169	60,290
	2015	71,197	65,663	64,967
Sweden	2012	21,796	22,105	21,410
	2013	21,796	18,138	17,584
	2014	21,796	20,280	19,799
	2015	21,796	21,214	20,667

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Switzerland	2012	3,591	3,454	3,424
	2013	3,591	4,933	4,914
	2014	3,591	4,964	4,940
	2015	3,592	2,874	2,837
T.F.Yug.Rep. Macedonia	2012	2,494	261	244
	2013	2,494	80	78
	2014	2,494	1	1
	2015	2,494	0	0
Ukraine	2012	43,878	5,073	4,968
	2013	43,878	3,944	4,018
	2014	43,878	3,210	3,323
	2015	43,878	2,949	2,849
United Kingdom	2012	83,795	72,229	71,750
	2013	76,029	65,687	65,308
	2014	69,910	61,527	60,678
	2015	69,312	61,834	61,019
Oceania	2012	44,895	38,450	36,967
	2013	40,581	37,081	36,648
	2014	33,973	34,835	33,610
	2015	29,321	31,355	31,175
Australia	2012	37,938	31,821	30,346
	2013	33,623	30,395	30,038
	2014	26,990	28,557	27,441
	2015	22,329	24,680	24,547
New Zealand	2012	5,337	5,577	5,577
	2013	5,337	5,363	5,342
	2014	5,337	5,238	5,208
	2015	5,337	5,635	5,612
Papua New Guinea	2012	1,621	1,052	1,044
	2013	1,621	1,323	1,268
	2014	*1,646	1,040	961
	2015	*1,655	*1,040	*1,016