

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.

Figure 43: Refinery distillation capacity, throughput and output, by region, 2013

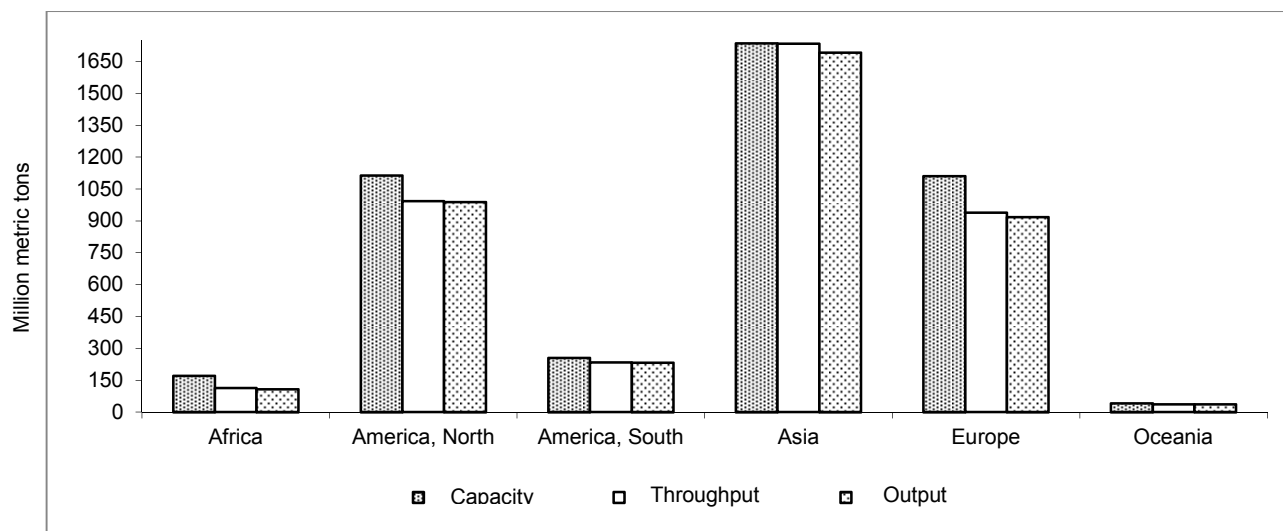


Figure 44: Total refinery distillation capacity by region, 1990-2013

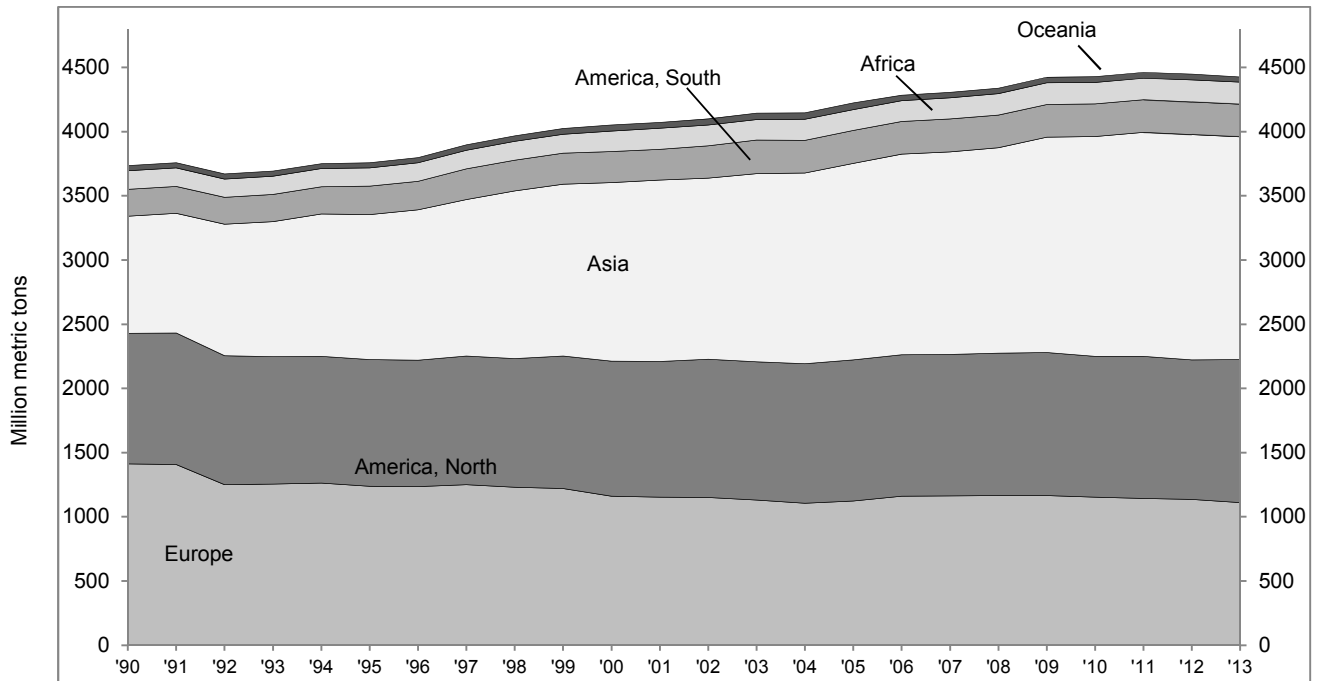


Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
World	2010	4,428,768	3,965,589	3,911,996
	2011	4,461,755	4,000,530	3,954,049
	2012	4,446,870	4,054,777	3,971,543
	2013	4,425,307	4,050,328	3,974,628
Africa	2010	167,627	121,163	118,665
	2011	168,677	113,193	108,378
	2012	171,604	112,339	109,396
	2013	170,878	112,658	107,890
Algeria	2010	29,526	27,292	26,402
	2011	29,526	25,995	25,320
	2012	32,459	23,710	23,007
	2013	32,459	24,154	23,975
Angola	2010	2,750	1,883	1,864
	2011	2,750	1,953	1,906
	2012	2,750	2,062	1,963
	2013	2,750	2,268	2,187
Cameroon	2010	1,845	2,063	2,057
	2011	1,845	2,148	2,142
	2012	1,845	2,247	2,240
	2013	1,845	2,372	2,365
Congo	2010	1,047	675	655
	2011	1,047	603	575
	2012	1,047	874	833
	2013	1,047	915	871
Côte d'Ivoire	2010	3,192	2,983	3,067
	2011	3,192	2,425	2,249
	2012	3,192	3,448	3,224
	2013	3,192	3,822	3,576
Egypt	2010	36,222	28,921	29,379
	2011	36,228	30,387	28,502
	2012	36,222	27,230	27,790
	2013	36,222	25,598	24,010
Gabon	2010	1,198	938	936
	2011	1,198	934	933
	2012	1,198	986	986
	2013	1,198	1,044	1,044
Ghana	2010	2,244	903	975
	2011	2,244	1,091	1,000
	2012	2,244	524	474
	2013	2,244	438	424
Kenya	2010	4,492	1,426	1,473
	2011	4,488	1,707	1,689
	2012	4,488	969	968
	2013	4,488	627	597
Liberia	2010	749	..	..
	2011	749	..	..
	2012	749	..	..
	2013	..	..	..
Libya	2010	18,852	16,477	16,147
	2011	18,852	5,534	5,423
	2012	18,852	8,206	8,042
	2013	18,852	7,314	7,168

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Mauritania	2010	*1,000	..	..
	2011	948	..	..
	2012	948	..	..
	2013	948	..	..
Morocco	2010	6,500	6,328	5,754
	2011	6,500	7,072	6,979
	2012	6,500	7,563	7,049
	2013	6,500	7,238	6,862
Niger	2010	0	0	0
	2011	*1,200	80	57
	2012	*1,200	611	560
	2013	*1,200	886	784
Nigeria	2010	22,195	4,941	4,885
	2011	22,195	5,887	5,868
	2012	22,195	4,919	4,673
	2013	22,195	5,307	5,047
Senegal	2010	1,248	726	572
	2011	1,248	803	714
	2012	1,248	778	768
	2013	1,248	862	764
Sierra Leone	2010	498	..	..
	2011	498	..	..
	2012	498	..	..
	2013	498	..	..
South Africa	2010	24,267	19,734	18,786
	2011	24,167	20,790	19,440
	2012	24,167	21,806	20,569
	2013	24,190	23,517	22,254
Sudan	2010	..	..	..
	2011	..	..	..
	2012	6,074	4,008	3,905
	2013	6,074	3,978	3,734
Sudan (former)	2010	6,074	4,989	4,868
	2011	6,074	4,487	4,326
	2012	..	..	..
	2013	..	..	..
Tunisia	2010	1,800	259	257
	2011	1,800	719	712
	2012	1,800	1,743	1,728
	2013	1,800	1,692	1,640
United Rep. of Tanzania	2010	743	..	..
	2011	743	..	..
	2012	743	..	..
	2013	743	..	..
Zambia	2010	1,185	625	588
	2011	1,185	577	543
	2012	1,185	655	616
	2013	1,185	627	589
America, North	2010	1,098,339	986,800	1,008,904
	2011	1,107,347	993,582	1,018,663
	2012	1,086,663	975,110	974,312
	2013	1,113,447	993,303	988,277

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Aruba	2010	11,463	*10,572	*10,067
	2011	11,463	*10,550	*10,050
	2012	11,463	*2,580	*2,440
	2013	*11,463	0	0
Canada	2010	94,863	94,931	97,482
	2011	95,683	89,876	93,904
	2012	95,249	93,298	94,928
	2013	97,594	90,920	92,807
Costa Rica	2010	1,247	511	503
	2011	1,247	151	150
	2012	1,197	0	0
	2013	1,197	0	0
Cuba	2010	5,827	*5,053	5,003
	2011	5,985	*4,962	4,871
	2012	6,135	5,145	5,107
	2013	6,135	*5,178	4,961
Curaçao	2010	..	..	..
	2011	..	..	..
	2012	15,971	9,105	8,619
	2013	15,971	9,314	9,044
Dominican Republic	2010	1,721	1,393	1,335
	2011	1,721	1,321	1,261
	2012	1,721	1,234	1,163
	2013	1,721	1,337	1,295
El Salvador	2010	1,097	834	808
	2011	1,097	772	743
	2012	1,097	549	528
	2013	1,097	0	0
Guatemala	2010	748	74	70
	2011	748	86	81
	2012	748	72	71
	2013	748	60	59
Jamaica	2010	1,795	1,144	1,152
	2011	1,795	1,211	1,215
	2012	1,795	1,204	1,185
	2013	1,795	1,167	1,139
Martinique	2010	864	*862	*861
	2011	864	*908	*909
	2012	864	*908	*924
	2013	864	*908	*924
Mexico	2010	76,808	66,094	66,005
	2011	76,808	66,292	65,503
	2012	76,808	66,589	65,931
	2013	76,808	70,403	69,691
Neth. Antilles (former)	2010	15,971	4,512	4,453
	2011	15,971	8,818	8,718
	2012	..	..	..
	2013	..	..	..
Nicaragua	2010	997	795	768
	2011	997	803	780
	2012	997	538	518
	2013	997	717	682

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Trinidad and Tobago	2010	8,379	6,502	6,187
	2011	8,379	7,076	6,855
	2012	8,379	5,517	5,415
	2013	8,379	6,817	6,613
United States	2010	876,559	793,522	814,209
	2011	884,589	800,757	823,622
	2012	864,239	788,372	787,482
	2013	888,678	806,482	801,062
America, South	2010	255,236	233,265	227,553
	2011	253,917	234,619	230,726
	2012	254,531	236,789	236,428
	2013	254,716	234,466	233,085
Argentina	2010	31,276	31,353	29,324
	2011	31,472	29,993	29,192
	2012	31,472	31,223	31,128
	2013	31,472	30,377	28,044
Bolivia (Plur. State of)	2010	3,476	2,088	2,025
	2011	3,476	2,180	2,115
	2012	3,708	2,527	2,451
	2013	3,584	2,491	2,416
Brazil	2010	107,313	91,875	94,100
	2011	106,286	94,555	96,038
	2012	106,812	98,498	101,717
	2013	104,993	104,992	108,480
Chile	2010	11,312	9,566	8,668
	2011	11,312	10,583	8,892
	2012	11,312	10,398	9,022
	2013	11,312	10,373	9,378
Colombia	2010	*15,960	15,079	13,876
	2011	15,472	15,473	14,898
	2012	15,328	15,328	15,574
	2013	17,456	14,533	14,910
Ecuador	2010	8,778	7,782	7,249
	2011	8,778	8,808	8,614
	2012	8,778	8,630	8,461
	2013	8,778	7,992	7,848
Paraguay	2010	370	..	..
	2011	370	..	..
	2012	370	..	..
	2013	370	..	..
Peru	2010	9,923	12,014	11,626
	2011	9,923	9,424	9,480
	2012	9,923	8,947	8,818
	2013	9,923	8,846	8,945
Suriname	2010	390	848	849
	2011	390	908	911
	2012	390	926	931
	2013	390	910	1,000
Uruguay	2010	2,493	1,889	1,893
	2011	2,493	1,329	1,302
	2012	2,493	1,934	1,923
	2013	2,493	2,083	2,072

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Venezuela (Bolivar. Rep.)	2010	63,945	60,771	57,943
	2011	63,945	61,366	59,283
	2012	63,945	58,378	56,403
	2013	63,945	51,869	49,993
Asia	2010	1,710,891	1,626,691	1,574,973
	2011	1,744,717	1,659,079	1,618,102
	2012	1,752,784	1,727,067	1,679,117
	2013	1,735,213	1,734,176	1,691,012
Azerbaijan	2010	16,000	6,306	6,318
	2011	16,000	6,339	6,200
	2012	16,000	6,205	6,056
	2013	16,000	6,571	6,375
Bahrain	2010	14,000	13,316	13,258
	2011	12,660	12,914	12,857
	2012	12,660	13,315	13,505
	2013	12,660	13,307	13,190
Bangladesh	2010	1,646	1,284	1,272
	2011	1,646	1,402	1,344
	2012	1,646	1,261	1,193
	2013	1,646	1,383	1,347
Brunei Darussalam	2010	*1,000	650	615
	2011	*1,000	627	573
	2012	*1,000	471	418
	2013	*1,000	559	485
China	2010	339,451	457,356	440,534
	2011	342,443	483,202	468,311
	2012	352,419	514,345	496,858
	2013	352,419	542,489	526,665
Georgia	2010	*5,440	0	0
	2011	*5,440	0	0
	2012	*5,440	9	7
	2013	*5,440	0	0
India	2010	187,386	215,168	205,839
	2011	213,066	215,006	214,526
	2012	215,066	231,799	229,362
	2013	216,597	232,407	227,580
Indonesia	2010	52,410	49,469	40,668
	2011	57,711	49,853	45,130
	2012	57,711	47,666	44,942
	2013	46,957	48,192	46,517
Iran (Islamic Rep. of)	2010	86,893	97,784	101,719
	2011	88,441	100,950	104,504
	2012	72,369	103,081	107,465
	2013	58,204	90,853	96,671
Iraq	2010	44,674	25,747	25,684
	2011	40,898	27,796	27,300
	2012	41,397	29,176	28,568
	2013	41,397	29,747	29,330
Israel	2010	12,500	12,814	12,506
	2011	12,500	12,408	12,032
	2012	12,500	11,865	11,720
	2013	*14,000	13,772	13,604

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Japan	2010	235,905	180,404	178,127
	2011	235,905	170,682	169,014
	2012	237,201	170,470	168,465
	2013	220,593	173,477	171,380
Jordan	2010	*5,977	3,441	3,375
	2011	*5,977	3,283	3,197
	2012	*5,977	3,650	3,514
	2013	*5,977	3,183	3,122
Kazakhstan	2010	17,212	*14,012	13,170
	2011	17,212	*14,444	13,627
	2012	17,212	14,473	13,528
	2013	17,212	14,775	13,762
Korea, Dem.Ppl's.Rep.	2010	3,541	528	510
	2011	3,541	526	508
	2012	3,541	527	508
	2013	3,541	535	517
Korea, Republic of	2010	135,736	122,338	119,614
	2011	137,631	130,662	127,495
	2012	147,556	133,852	131,006
	2013	147,556	128,952	126,256
Kuwait	2010	46,683	44,007	42,733
	2011	46,683	42,014	40,974
	2012	46,683	45,273	42,128
	2013	46,683	43,767	41,381
Kyrgyzstan	2010	499	101	97
	2011	499	92	90
	2012	499	84	81
	2013	499	83	77
Malaysia	2010	*26,862	*22,080	21,424
	2011	26,862	23,943	23,040
	2012	26,862	26,720	25,114
	2013	26,862	25,784	24,086
Myanmar	2010	2,843	882	773
	2011	2,843	827	789
	2012	2,843	690	648
	2013	*2,843	552	509
Oman	2010	11,072	8,188	7,847
	2011	11,072	9,965	9,929
	2012	11,072	9,886	9,876
	2013	11,072	9,160	9,160
Other Asia	2010	65,337	46,050	44,598
	2011	65,337	44,084	41,883
	2012	65,337	48,871	45,973
	2013	65,382	45,856	43,382
Pakistan	2010	13,150	9,774	9,502
	2011	13,080	9,191	8,936
	2012	*13,080	*10,746	*10,340
	2013	13,080	11,101	10,881
Philippines	2010	13,616	8,691	8,423
	2011	13,616	9,204	8,909
	2012	13,616	8,237	7,954
	2013	13,616	7,657	7,384

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Qatar	2010	16,893	13,685	13,575
	2011	16,893	12,937	12,912
	2012	16,893	13,618	13,478
	2013	16,893	14,920	12,639
Saudi Arabia	2010	103,741	95,682	93,806
	2011	105,337	93,813	91,974
	2012	105,337	97,530	95,618
	2013	125,287	93,401	91,570
Singapore	2010	67,681	*50,562	49,945
	2011	67,681	*53,626	51,732
	2012	67,681	*56,605	52,611
	2013	67,057	*51,253	48,761
Sri Lanka	2010	2,350	1,753	1,664
	2011	2,350	2,004	1,740
	2012	2,350	1,626	1,495
	2013	2,350	1,743	1,569
Syrian Arab Republic	2010	11,963	11,865	11,721
	2011	11,963	11,628	11,546
	2012	11,963	8,253	8,152
	2013	11,963	5,457	5,392
Tajikistan	2010	*100	23	21
	2011	*100	28	25
	2012	*100	30	27
	2013	150	23	*21
Thailand	2010	61,321	47,581	39,532
	2011	61,321	46,679	39,148
	2012	61,670	48,715	41,169
	2013	62,419	*52,335	45,359
Turkey	2010	35,625	20,096	19,907
	2011	35,625	22,350	22,170
	2012	35,625	23,332	23,139
	2013	35,625	24,207	23,995
Turkmenistan	2010	11,819	8,732	8,650
	2011	11,819	8,433	8,330
	2012	11,819	8,036	7,935
	2013	11,819	8,109	7,911
United Arab Emirates	2010	34,414	23,424	24,600
	2011	34,414	26,025	25,758
	2012	34,508	25,904	25,437
	2013	35,262	26,345	28,068
Uzbekistan	2010	11,186	3,860	3,883
	2011	11,186	3,636	3,583
	2012	11,186	3,245	3,204
	2013	11,186	3,075	3,058
Viet Nam	2010	6,983	5,507	5,701
	2011	6,983	6,150	5,771
	2012	6,983	6,200	6,382
	2013	6,983	6,063	6,072
Yemen	2010	6,983	3,531	3,363
	2011	6,983	2,356	2,244
	2012	6,983	1,302	1,240
	2013	6,983	3,084	2,937

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Europe	2010	1,151,953	960,617	945,762
	2011	1,142,226	961,142	940,196
	2012	1,136,392	965,085	935,737
	2013	1,110,473	938,788	917,831
Albania	2010	1,500	157	157
	2011	1,500	297	297
	2012	1,500	111	111
	2013	1,500	40	44
Austria	2010	10,404	8,155	7,986
	2011	10,404	8,997	8,816
	2012	9,645	8,868	8,801
	2013	10,169	8,978	8,917
Belarus	2010	24,605	16,455	16,220
	2011	24,605	20,474	20,187
	2012	24,605	21,667	21,375
	2013	24,605	21,156	20,880
Belgium	2010	36,924	35,476	35,094
	2011	36,899	33,339	32,782
	2012	36,293	35,155	34,828
	2013	36,293	32,361	32,145
Bosnia and Herzegovina	2010	*1,320	1,209	1,161
	2011	*1,320	1,313	1,260
	2012	11,970	1,119	1,079
	2013	*11,970	1,036	965
Bulgaria	2010	5,748	6,119	5,970
	2011	5,748	6,171	5,999
	2012	5,748	6,614	6,425
	2013	5,748	6,648	6,443
Croatia	2010	12,485	4,267	4,231
	2011	12,485	3,613	3,591
	2012	12,485	3,727	3,707
	2013	12,485	3,389	3,357
Czech Republic	2010	9,127	8,251	8,174
	2011	9,127	7,510	7,417
	2012	9,127	7,662	7,587
	2013	9,127	7,001	6,969
Denmark	2010	8,698	7,246	6,985
	2011	8,698	6,817	6,557
	2012	8,698	7,635	7,427
	2013	8,698	7,173	6,989
Finland	2010	12,893	14,212	13,911
	2011	12,996	15,055	14,794
	2012	12,996	14,415	14,293
	2013	12,996	14,837	14,758
France	2010	91,961	72,030	71,374
	2011	85,725	72,217	71,630
	2012	87,153	61,406	60,903
	2013	75,233	58,296	57,891
Germany	2010	120,582	103,623	101,450
	2011	120,557	101,977	99,740
	2012	112,082	102,874	100,742
	2013	112,082	100,062	97,921

Table 16

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Greece	2010	21,097	22,223	22,197
	2011	21,097	19,355	19,253
	2012	21,097	23,917	23,766
	2013	21,097	24,251	24,033
Hungary	2010	8,030	8,536	8,475
	2011	8,030	8,264	8,234
	2012	8,030	7,862	7,818
	2013	8,030	7,681	7,644
Ireland	2010	3,541	2,905	2,880
	2011	3,541	2,964	2,918
	2012	3,541	3,073	3,019
	2013	3,541	2,850	2,788
Italy	2010	116,570	90,795	90,131
	2011	116,570	86,065	85,642
	2012	109,488	82,020	81,598
	2013	105,523	70,111	69,628
Lithuania	2010	9,476	9,288	9,196
	2011	9,476	9,468	9,376
	2012	9,476	9,059	8,977
	2013	9,476	9,584	9,486
Netherlands	2010	60,280	58,710	58,334
	2011	59,679	58,286	57,212
	2012	59,585	57,543	56,877
	2013	59,560	55,344	55,236
Norway	2010	15,910	14,561	14,050
	2011	15,910	15,795	15,686
	2012	15,910	15,641	15,023
	2013	15,910	16,429	16,018
Poland	2010	24,586	24,348	23,563
	2011	24,586	25,738	24,851
	2012	24,586	26,767	25,700
	2013	24,586	25,707	25,012
Portugal	2010	15,171	11,914	11,912
	2011	15,171	10,820	10,820
	2012	15,171	11,673	11,672
	2013	15,171	13,941	13,941
Republic of Moldova	2010	..	20	21
	2011	..	19	19
	2012	..	17	18
	2013	..	20	19
Romania	2010	26,797	10,968	10,968
	2011	26,797	10,446	10,445
	2012	26,797	9,850	9,850
	2013	23,032	10,122	10,122
Russian Federation	2010	270,868	249,997	244,619
	2011	270,868	260,057	248,339
	2012	274,314	274,310	253,725
	2013	274,314	278,600	265,029
Serbia	2010	10,715	2,891	2,890
	2011	10,715	2,462	2,462
	2012	10,715	2,260	2,260
	2013	10,715	3,046	3,046

Refinery distillation capacity, throughput and output

Thousand metric tons

Country or area	Year	Capacity	Throughput	Output
Slovakia	2010	5,736	6,118	6,087
	2011	5,736	6,690	6,662
	2012	5,736	5,907	5,877
	2013	5,736	6,572	6,552
Slovenia	2010	674	..	..
	2011	674	..	..
	2012	674	..	..
	2013	674	..	..
Spain	2010	63,416	58,154	57,644
	2011	63,416	57,152	56,649
	2012	63,416	61,892	61,346
	2013	64,414	61,037	60,501
Sweden	2010	21,796	21,231	20,769
	2011	21,796	19,914	19,622
	2012	21,796	22,105	21,410
	2013	21,796	18,137	17,584
Switzerland	2010	6,584	4,546	4,513
	2011	3,591	4,441	4,407
	2012	3,591	3,454	3,424
	2013	3,591	4,933	4,914
T.F.Yug.Rep. Macedonia	2010	2,494	875	828
	2011	2,494	725	680
	2012	2,494	261	244
	2013	2,494	80	78
Ukraine	2010	43,878	11,787	11,103
	2011	43,878	9,641	9,353
	2012	43,878	5,073	4,968
	2013	43,878	3,944	4,060
United Kingdom	2010	88,088	73,550	72,868
	2011	88,138	75,061	74,496
	2012	83,795	71,148	70,888
	2013	76,029	65,423	64,861
Oceania	2010	44,721	37,053	36,140
	2011	44,870	38,915	37,985
	2012	44,895	38,387	36,553
	2013	40,581	36,936	36,533
Australia	2010	37,763	30,928	30,099
	2011	37,913	32,588	31,710
	2012	37,938	31,758	29,962
	2013	33,623	30,250	29,896
New Zealand	2010	5,337	5,170	5,151
	2011	5,337	5,372	5,370
	2012	5,337	5,577	5,577
	2013	5,337	5,363	5,342
Papua New Guinea	2010	1,621	955	890
	2011	1,621	955	905
	2012	1,621	1,052	1,014
	2013	1,621	1,323	1,295