

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	30,873	2,834	33,707	66,521	14,725	25,047	106,293
Natural Gas Plant Liquids	560	-	560	1,894	148	434	2,476
Pentanes Plus	-	-	-	-	-	36	36
Liquefied Petroleum Gases	560	-	560	1,894	148	398	2,440
Normal Butane	318	-	318	1,053	99	18	1,170
Isobutane	242	-	242	841	49	380	1,270
Other Liquids	-14,205	96	-14,109	-32,462	-5,947	-11,172	-49,581
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	186	132	318	937	383	242	1,562
Hydrogen	115	25	140	714	237	169	1,120
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	71	107	178	208	146	73	427
Fuel Ethanol	71	100	171	122	133	61	316
Renewable Diesel Fuel	-	7	7	86	13	12	111
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	15	-	-	15
Unfinished Oils (net)	1,800	-75	1,725	-2,049	9	22	-2,018
Naphthas and Lighter	354	-34	320	-75	-3	-7	-85
Kerosene and Light Gas Oils	-43	-	-43	-122	11	47	-64
Heavy Gas Oils	1,314	-33	1,281	-1,627	1	102	-1,524
Residuum	175	-8	167	-225	-	-120	-345
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,191	39	-16,152	-31,350	-6,339	-11,436	-49,125
Reformulated - RBOB	-9,594	-	-9,594	-8,497	-367	-150	-9,014
Conventional	-6,597	39	-6,558	-22,853	-5,972	-11,286	-40,111
CBOB	-5,996	-4	-6,000	-22,955	-5,852	-11,384	-40,191
GTAB	-	-	-	-	-	-	-
Other	-601	43	-558	102	-120	98	80
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	17,228	2,930	20,158	35,953	8,926	14,309	59,188
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	993	92	1,085	2,142	475	810	3,428
Operable Capacity (daily average)	1,170	98	1,269	2,518	491	850	3,859
Operable Utilization Rate (percent) ²	84.9	93.3	85.5	85.1	96.6	95.3	88.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	168	15	184	389	74	139	601
Catalytic Cracking	383	15	398	604	126	212	942
Catalytic Hydrocracking	34	-	34	166	49	58	272
Delayed and Fluid Coking	48	-	48	289	55	80	424
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.75	1.62	0.82	1.70	1.92	0.77	1.51
API Gravity, Weighted Average (degrees)	35.11	32.46	34.88	31.84	30.47	37.29	32.89
Operable Capacity (daily average)	1,170	98	1,269	2,518	491	850	3,859
Operating	1,138	98	1,237	2,496	472	850	3,818
Idle	32	-	32	22	19	-	41
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,311	126,058	92,059	6,899	3,058	248,385	17,896	72,859	479,140
Natural Gas Plant Liquids	546	4,603	4,406	157	207	9,919	598	3,253	16,806
Pentanes Plus	154	1,293	1,451	12	51	2,961	136	868	4,001
Liquefied Petroleum Gases	392	3,310	2,955	145	156	6,958	462	2,385	12,805
Normal Butane	216	1,638	1,832	79	1	3,766	288	1,630	7,172
Isobutane	176	1,672	1,123	66	155	3,192	174	755	5,633
Other Liquids	-8,650	-41,179	-30,124	-1,689	-1,432	-83,074	-3,316	-33,278	-183,358
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	204	2,251	1,876	112	82	4,525	521	1,399	8,325
Hydrogen	20	2,141	1,544	63	35	3,803	188	1,214	6,465
Oxygenates (excluding Fuel Ethanol)	-	63	-	-	-	63	-	-	63
Methyl Tertiary Butyl Ether (MTBE)	-	63	-	-	-	63	-	-	63
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	184	47	332	49	47	659	333	185	1,782
Fuel Ethanol	159	40	126	44	47	416	310	93	1,306
Renewable Diesel Fuel	25	7	206	5	-	243	23	92	476
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-	-	15
Unfinished Oils (net)	-111	2,853	5,137	48	-136	7,791	137	-990	6,645
Naphthas and Lighter	-146	-882	-180	49	-22	-1,181	213	-964	-1,697
Kerosene and Light Gas Oils	114	-3,907	475	16	-131	-3,433	-90	-1,079	-4,709
Heavy Gas Oils	72	6,175	2,902	51	17	9,217	103	873	9,950
Residuum	-151	1,467	1,940	-68	-	3,188	-89	180	3,101
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,737	-46,283	-37,137	-1,849	-1,378	-95,384	-3,974	-33,687	-198,322
Reformulated - RBOB	-994	-13,598	-3,128	-	-595	-18,315	-	-25,139	-62,062
Conventional	-7,743	-32,685	-34,009	-1,849	-783	-77,069	-3,974	-8,548	-136,260
CBOB	-7,423	-27,079	-32,326	-1,763	-860	-69,451	-3,895	-8,225	-127,762
GTAB	-	-	-	-	-	-	-	-	-
Other	-320	-5,606	-1,683	-86	77	-7,618	-79	-323	-8,498
Aviation Gasoline Blend. Comp. (net)	-6	-	-	-	-	-6	-	-	-6
Total Input to Refineries	12,207	89,482	66,341	5,367	1,833	175,230	15,178	42,834	312,588
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	662	4,108	3,100	202	99	8,171	575	2,509	15,767
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,967
Operable Utilization Rate (percent) ²	96.9	90.3	84.8	83.2	77.4	88.3	88.8	85.5	87.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	134	643	489	33	20	1,320	97	336	2,537
Catalytic Cracking	169	1,342	918	18	29	2,477	163	623	4,603
Catalytic Hydrocracking	50	470	375	14	-	909	20	437	1,672
Delayed and Fluid Coking	26	737	521	22	-	1,306	65	483	2,327
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.64	1.70	1.36	1.57	0.55	1.47	1.39	1.32	1.41
API Gravity, Weighted Average (degrees)	39.58	30.49	29.46	31.96	38.81	31.03	32.47	28.88	31.41
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,967
Operating	683	4,508	3,655	243	128	9,217	647	2,849	17,768
Idle	-	42	-	-	-	42	-	85	200
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	16,545	16,545

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,843	2,532	24,375	63,619	13,917	22,207	99,743
Natural Gas Plant Liquids	418	-	418	1,858	101	511	2,470
Pentanes Plus	-	-	-	130	-	49	179
Liquefied Petroleum Gases	418	-	418	1,728	101	462	2,291
Normal Butane	238	-	238	801	57	54	912
Isobutane	180	-	180	927	44	408	1,379
Other Liquids	-9,404	81	-9,323	-29,984	-5,808	-9,457	-45,249
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	167	116	283	882	376	224	1,482
Hydrogen	97	20	117	636	233	152	1,021
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	70	96	166	200	143	72	415
Fuel Ethanol	70	89	159	118	131	62	311
Renewable Diesel Fuel	-	7	7	82	12	10	104
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	46	-	-	46
Unfinished Oils (net)	2,605	-86	2,519	-35	-248	-355	-638
Naphthas and Lighter	660	-51	609	711	-14	92	789
Kerosene and Light Gas Oils	-153	-	-153	-402	-61	-18	-481
Heavy Gas Oils	1,354	-33	1,321	-342	-173	-332	-847
Residuum	744	-2	742	-2	-	-97	-99
Motor Gasoline Blend.Comp. (MGBC)(net)	-12,176	51	-12,125	-30,831	-5,936	-9,326	-46,093
Reformulated - RBOB	-7,014	-	-7,014	-8,048	-600	-200	-8,848
Conventional	-5,162	51	-5,111	-22,783	-5,336	-9,126	-37,245
CBOB	-4,619	26	-4,593	-22,104	-5,173	-9,284	-36,561
GTAB	-	-	-	-	-	-	-
Other	-543	25	-518	-679	-163	158	-684
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,857	2,613	15,470	35,493	8,210	13,261	56,964
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	780	91	871	2,271	498	794	3,563
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operable Utilization Rate (percent) ²	66.7	92.8	68.7	90.8	101.3	93.4	92.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	150	15	165	429	80	144	653
Catalytic Cracking	315	15	330	670	134	189	993
Catalytic Hydrocracking	30	-	30	160	50	61	271
Delayed and Fluid Coking	47	-	47	307	64	82	453
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.78	1.64	0.87	1.66	2.04	0.84	1.53
API Gravity, Weighted Average (degrees)	35.49	32.16	35.16	32.17	30.03	37.04	32.93
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operating	1,138	98	1,237	2,478	472	850	3,801
Idle	32	-	32	22	19	-	41
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,844	114,087	84,239	6,186	3,335	224,691	17,231	63,524	429,564
Natural Gas Plant Liquids	407	4,357	3,289	110	187	8,350	494	2,110	13,842
Pentanes Plus	148	1,260	1,229	8	55	2,700	100	685	3,664
Liquefied Petroleum Gases	259	3,097	2,060	102	132	5,650	394	1,425	10,178
Normal Butane	161	1,738	1,073	44	—	3,016	202	850	5,218
Isobutane	98	1,359	987	58	132	2,634	192	575	4,960
Other Liquids	-7,325	-37,624	-27,038	-1,470	-1,486	-74,943	-3,479	-27,435	-160,429
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	126	2,122	1,493	98	88	3,927	475	1,231	7,398
Hydrogen	16	1,990	1,247	55	44	3,352	184	1,050	5,724
Oxygenates (excluding Fuel Ethanol)	—	85	—	—	—	85	—	—	85
Methyl Tertiary Butyl Ether (MTBE)	—	85	—	—	—	85	—	—	85
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	110	47	246	43	44	490	291	181	1,543
Fuel Ethanol	101	38	118	39	44	340	269	85	1,164
Renewable Diesel Fuel	9	9	128	4	—	150	22	96	379
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	46
Unfinished Oils (net)	-379	1,277	3,369	35	-60	4,242	-121	1,415	7,417
Naphthas and Lighter	-275	-1,337	-1,104	-2	16	-2,702	40	-302	-1,566
Kerosene and Light Gas Oils	-151	-2,161	224	-6	16	-2,078	-263	-387	-3,362
Heavy Gas Oils	4	3,087	1,812	62	-92	4,873	219	2,136	7,702
Residuum	43	1,688	2,437	-19	—	4,149	-117	-32	4,643
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,077	-41,023	-31,902	-1,603	-1,514	-83,119	-3,833	-30,081	-175,251
Reformulated - RBOB	-693	-12,311	-2,334	—	-649	-15,987	—	-23,159	-55,008
Conventional	-6,384	-28,712	-29,568	-1,603	-865	-67,132	-3,833	-6,922	-120,243
CBOB	-6,079	-24,501	-27,448	-1,545	-813	-60,386	-3,804	-7,131	-112,475
GTAB	—	—	—	—	—	—	—	—	—
Other	-305	-4,211	-2,120	-58	-52	-6,746	-29	209	-7,768
Aviation Gasoline Blend. Comp. (net)	5	—	2	—	—	7	—	—	7
Total Input to Refineries	9,926	80,820	60,490	4,826	2,036	158,098	14,246	38,199	282,977
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	602	4,120	3,130	204	119	8,175	616	2,410	15,635
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,950
Operable Utilization Rate (percent) ²	88.1	90.5	85.7	83.9	93.4	88.3	95.2	82.2	87.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	128	619	491	34	25	1,296	100	349	2,563
Catalytic Cracking	158	1,273	872	20	34	2,356	175	605	4,459
Catalytic Hydrocracking	48	486	412	14	—	961	23	413	1,698
Delayed and Fluid Coking	22	725	538	18	—	1,304	72	402	2,279
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.68	1.31	1.67	0.56	1.44	1.42	1.36	1.41
API Gravity, Weighted Average (degrees)	39.42	30.85	29.71	32.85	38.75	31.29	32.84	28.21	31.47
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,950
Operating	623	4,508	3,655	243	128	9,157	643	2,807	17,644
Idle	60	42	—	—	—	102	4	127	305
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,421	13,421

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	30,673	2,742	33,415	70,271	14,918	23,711	108,900
Natural Gas Plant Liquids	424	-	424	1,870	71	540	2,481
Pentanes Plus	-	-	-	586	-	98	684
Liquefied Petroleum Gases	424	-	424	1,284	71	442	1,797
Normal Butane	110	-	110	243	18	5	266
Isobutane	314	-	314	1,041	53	437	1,531
Other Liquids	-13,698	-90	-13,788	-31,630	-5,236	-9,301	-46,167
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	199	113	312	985	425	246	1,656
Hydrogen	115	22	137	698	261	160	1,119
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	84	91	175	235	164	86	485
Fuel Ethanol	84	85	169	141	144	71	356
Renewable Diesel Fuel	-	6	6	94	20	15	129
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	52	-	-	52
Unfinished Oils (net)	967	-107	860	28	-119	336	245
Naphthas and Lighter	-31	-68	-99	380	9	24	413
Kerosene and Light Gas Oils	-144	-	-144	-364	-5	35	-334
Heavy Gas Oils	530	-31	499	236	-123	313	426
Residuum	612	-8	604	-224	-	-36	-260
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,864	-96	-14,960	-32,643	-5,542	-9,883	-48,068
Reformulated - RBOB	-8,502	-	-8,502	-8,712	-385	-85	-9,182
Conventional	-6,362	-96	-6,458	-23,931	-5,157	-9,798	-38,886
CBOB	-5,354	-104	-5,458	-23,606	-5,070	-9,527	-38,203
GTAB	-	-	-	-	-	-	-
Other	-1,008	8	-1,000	-325	-87	-271	-683
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	17,399	2,652	20,051	40,511	9,753	14,950	65,214
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	991	88	1,079	2,266	482	767	3,516
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operable Utilization Rate (percent) ²	84.7	89.8	85.1	90.7	98.1	90.2	91.5
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	150	15	165	434	71	141	646
Catalytic Cracking	358	16	374	689	127	206	1,023
Catalytic Hydrocracking	33	-	33	170	49	47	266
Delayed and Fluid Coking	53	-	53	309	49	79	436
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.81	1.57	0.87	1.57	1.99	0.75	1.45
API Gravity, Weighted Average (degrees)	34.72	32.74	34.55	32.79	30.01	37.36	33.36
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operating	1,138	98	1,237	2,478	472	850	3,801
Idle	32	-	32	22	19	-	41
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,249	123,851	99,314	6,874	4,049	253,337	17,519	71,669	484,840
Natural Gas Plant Liquids	493	3,780	3,662	76	200	8,211	339	2,171	13,626
Pentanes Plus	164	1,142	1,984	8	29	3,327	88	898	4,997
Liquefied Petroleum Gases	329	2,638	1,678	68	171	4,884	251	1,273	8,629
Normal Butane	178	1,134	683	1	—	1,996	136	745	3,253
Isobutane	151	1,504	995	67	171	2,888	115	528	5,376
Other Liquids	-7,975	-36,671	-33,849	-1,581	-1,592	-81,668	-3,087	-29,176	-173,886
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	143	2,458	1,522	122	109	4,354	534	1,566	8,422
Hydrogen	24	2,270	1,295	65	58	3,712	200	1,305	6,473
Oxygenates (excluding Fuel Ethanol)	—	135	—	—	—	135	—	—	135
Methyl Tertiary Butyl Ether (MTBE)	—	135	—	—	—	135	—	—	135
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	119	53	227	57	51	507	334	261	1,762
Fuel Ethanol	115	42	131	44	51	383	311	122	1,341
Renewable Diesel Fuel	4	11	96	13	—	124	23	139	421
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	52
Unfinished Oils (net)	-666	5,160	541	-45	39	5,029	28	3,092	9,254
Naphthas and Lighter	-172	-1,637	-1,141	-55	3	-3,002	-41	80	-2,649
Kerosene and Light Gas Oils	-132	-3,209	469	5	13	-2,854	-328	149	-3,511
Heavy Gas Oils	-395	8,473	-384	64	23	7,781	355	3,396	12,457
Residuum	33	1,533	1,597	-59	—	3,104	42	-533	2,957
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,454	-44,289	-35,961	-1,658	-1,740	-91,102	-3,649	-33,834	-191,613
Reformulated - RBOB	-808	-14,385	-2,959	—	-808	-18,960	—	-25,631	-62,275
Conventional	-6,646	-29,904	-33,002	-1,658	-932	-72,142	-3,649	-8,203	-129,338
CBOB	-6,877	-26,123	-32,630	-1,644	-958	-68,232	-4,154	-7,876	-123,923
GTAB	—	—	—	—	—	—	—	—	—
Other	231	-3,781	-372	-14	26	-3,910	505	-327	-5,415
Aviation Gasoline Blend. Comp. (net)	2	—	49	—	—	51	—	—	51
Total Input to Refineries	11,767	90,960	69,127	5,369	2,657	179,880	14,771	44,664	324,580
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	624	4,001	3,307	198	131	8,260	560	2,462	15,878
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,950
Operable Utilization Rate (percent) ²	91.3	87.9	90.5	81.7	102.4	89.2	86.6	83.9	88.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	102	626	524	33	26	1,310	89	414	2,624
Catalytic Cracking	170	1,254	830	20	35	2,309	158	626	4,491
Catalytic Hydrocracking	29	523	299	16	—	867	22	460	1,648
Delayed and Fluid Coking	22	686	526	26	—	1,259	75	428	2,251
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.65	1.70	1.35	1.66	0.58	1.46	1.49	1.39	1.41
API Gravity, Weighted Average (degrees)	39.32	30.72	30.33	31.52	38.88	31.41	32.90	28.86	31.70
Operable Capacity (daily average)	683	4,550	3,655	243	128	9,259	647	2,933	17,950
Operating	623	4,408	3,530	243	128	8,932	643	2,849	17,461
Idle	60	142	125	—	—	327	4	85	488
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,755	13,755

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	31,334	2,563	33,897	72,376	15,351	23,265	110,992
Natural Gas Plant Liquids	276	-	276	1,265	114	634	2,013
Pentanes Plus	-	-	-	461	-	181	642
Liquefied Petroleum Gases	276	-	276	804	114	453	1,371
Normal Butane	-	-	-	8	49	3	60
Isobutane	276	-	276	796	65	450	1,311
Other Liquids	-12,809	170	-12,639	-29,171	-5,546	-9,265	-43,982
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	186	124	310	981	462	193	1,636
Hydrogen	111	16	127	693	273	100	1,066
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	75	108	183	255	189	93	537
Fuel Ethanol	75	89	164	155	149	76	380
Renewable Diesel Fuel	-	19	19	100	40	17	157
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	33	-	-	33
Unfinished Oils (net)	2,093	-98	1,995	76	-90	72	58
Naphthas and Lighter	282	3	285	138	-14	92	216
Kerosene and Light Gas Oils	-41	-	-41	360	33	-39	354
Heavy Gas Oils	1,444	-95	1,349	-570	-109	312	-367
Residuum	408	-6	402	148	-	-293	-145
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,088	144	-14,944	-30,228	-5,918	-9,530	-45,676
Reformulated - RBOB	-9,580	-	-9,580	-7,545	-249	33	-7,761
Conventional	-5,508	144	-5,364	-22,683	-5,669	-9,563	-37,915
CBOB	-5,210	157	-5,053	-23,199	-5,861	-9,596	-38,656
GTAB	-	-	-	-	-	-	-
Other	-298	-13	-311	516	192	33	741
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	18,801	2,733	21,534	44,470	9,919	14,634	69,023
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,045	86	1,131	2,413	513	777	3,703
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operable Utilization Rate (percent) ²	89.3	87.1	89.1	96.5	104.3	91.4	96.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	178	15	193	445	78	147	670
Catalytic Cracking	396	11	406	725	134	211	1,070
Catalytic Hydrocracking	35	-	35	163	50	27	240
Delayed and Fluid Coking	54	-	54	314	40	63	416
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.68	1.54	0.74	1.51	2.14	0.74	1.43
API Gravity, Weighted Average (degrees)	34.95	32.85	34.79	32.92	29.46	37.67	33.41
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operating	1,138	98	1,237	2,478	472	764	3,715
Idle	32	-	32	22	19	86	127
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,407	128,564	98,917	6,838	3,919	257,645	17,983	67,667	488,184
Natural Gas Plant Liquids	515	3,144	2,192	71	186	6,108	424	2,108	10,929
Pentanes Plus	167	1,023	1,022	12	8	2,232	156	879	3,909
Liquefied Petroleum Gases	348	2,121	1,170	59	178	3,876	268	1,229	7,020
Normal Butane	138	683	39	—	—	860	143	638	1,701
Isobutane	210	1,438	1,131	59	178	3,016	125	591	5,319
Other Liquids	-7,533	-43,403	-32,332	-1,367	-1,658	-86,293	-3,630	-29,218	-175,762
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	259	2,160	1,741	154	98	4,412	545	1,490	8,393
Hydrogen	21	2,055	1,404	66	50	3,596	204	1,259	6,252
Oxygenates (excluding Fuel Ethanol)	—	51	—	—	—	51	—	—	51
Methyl Tertiary Butyl Ether (MTBE)	—	51	—	—	—	51	—	—	51
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	238	54	337	88	48	765	341	231	2,057
Fuel Ethanol	189	43	135	46	48	461	294	99	1,398
Renewable Diesel Fuel	49	11	202	42	—	304	47	132	659
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	33
Unfinished Oils (net)	-396	559	3,127	77	-173	3,194	-72	3,632	8,807
Naphthas and Lighter	-189	-2,155	-951	53	-56	-3,298	126	472	-2,199
Kerosene and Light Gas Oils	-22	-5,659	307	-15	-144	-5,533	-253	711	-4,762
Heavy Gas Oils	-30	7,409	2,479	56	27	9,941	164	2,407	13,494
Residuum	-155	964	1,292	-17	—	2,084	-109	42	2,274
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,393	-46,122	-37,200	-1,598	-1,583	-93,896	-4,103	-34,340	-192,959
Reformulated - RBOB	-661	-16,351	-5,699	—	-793	-23,504	—	-26,508	-67,353
Conventional	-6,732	-29,771	-31,501	-1,598	-790	-70,392	-4,103	-7,832	-125,606
CBOB	-6,498	-26,220	-30,467	-1,583	-786	-65,554	-3,822	-8,667	-121,752
GTAB	—	—	—	—	—	—	—	—	—
Other	-234	-3,551	-1,034	-15	-4	-4,838	-281	835	-3,854
Aviation Gasoline Blend. Comp. (net)	-3	—	—	—	—	-3	—	—	-3
Total Input to Refineries	12,389	88,305	68,777	5,542	2,447	177,460	14,777	40,557	323,351
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	649	4,274	3,408	203	131	8,665	598	2,425	16,521
Operable Capacity (daily average)	695	4,550	3,655	243	128	9,271	647	2,933	17,962
Operable Utilization Rate (percent) ²	93.3	93.9	93.3	83.5	102.5	93.5	92.4	82.7	92.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	130	648	533	26	26	1,363	100	391	2,717
Catalytic Cracking	183	1,389	965	19	36	2,592	164	678	4,911
Catalytic Hydrocracking	39	518	355	15	—	926	20	374	1,595
Delayed and Fluid Coking	30	722	527	26	—	1,306	72	435	2,283
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.72	1.33	1.56	0.57	1.46	1.48	1.30	1.38
API Gravity, Weighted Average (degrees)	39.09	31.11	30.26	31.95	38.83	31.56	32.93	29.51	31.94
Operable Capacity (daily average)	695	4,550	3,655	243	128	9,271	647	2,933	17,962
Operating	695	4,450	3,530	243	128	9,046	643	2,849	17,489
Idle	—	100	125	—	—	225	4	85	472
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,164	13,164

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	33,095	2,939	36,034	73,207	15,541	25,156	113,904
Natural Gas Plant Liquids	308	-	308	1,174	59	601	1,834
Pentanes Plus	-	-	-	449	-	183	632
Liquefied Petroleum Gases	308	-	308	725	59	418	1,202
Normal Butane	-	-	-	33	-	1	34
Isobutane	308	-	308	692	59	417	1,168
Other Liquids	-13,686	49	-13,637	-30,717	-5,489	-9,582	-45,788
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	192	144	336	1,031	447	226	1,704
Hydrogen	106	26	132	735	256	137	1,128
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	86	118	204	247	191	89	527
Fuel Ethanol	86	94	180	162	151	73	386
Renewable Diesel Fuel	-	24	24	85	40	16	141
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	49	-	-	49
Unfinished Oils (net)	2,478	-88	2,390	-596	-106	134	-568
Naphthas and Lighter	544	-35	509	211	-148	99	162
Kerosene and Light Gas Oils	-107	-	-107	-2	-23	113	88
Heavy Gas Oils	1,524	-44	1,480	-566	65	-39	-540
Residuum	517	-9	508	-239	-	-39	-278
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,356	-7	-16,363	-31,152	-5,830	-9,942	-46,924
Reformulated - RBOB	-9,773	-	-9,773	-7,694	-379	-	-8,073
Conventional	-6,583	-7	-6,590	-23,458	-5,451	-9,942	-38,851
CBOB	-6,648	-12	-6,660	-23,857	-5,602	-9,820	-39,279
GTAB	-	-	-	-	-	-	-
Other	65	5	70	399	151	-122	428
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	19,717	2,988	22,705	43,664	10,111	16,175	69,950
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,061	96	1,156	2,361	503	812	3,676
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operable Utilization Rate (percent) ²	90.6	97.2	91.2	94.5	102.3	95.5	95.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	175	15	190	444	76	159	679
Catalytic Cracking	399	16	415	711	138	202	1,051
Catalytic Hydrocracking	35	-	35	164	49	36	249
Delayed and Fluid Coking	47	-	47	308	55	83	446
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.76	1.63	0.83	1.58	2.00	0.76	1.46
API Gravity, Weighted Average (degrees)	34.25	32.22	34.09	32.71	30.11	37.64	33.41
Operable Capacity (daily average)	1,170	98	1,269	2,500	491	850	3,842
Operating	1,138	98	1,237	2,478	491	850	3,820
Idle	32	-	32	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,493	132,488	105,149	7,043	4,076	269,249	18,622	70,641	508,450
Natural Gas Plant Liquids	526	3,685	2,862	67	173	7,313	409	2,126	11,990
Pentanes Plus	166	1,278	1,178	10	—	2,632	139	797	4,200
Liquefied Petroleum Gases	360	2,407	1,684	57	173	4,681	270	1,329	7,790
Normal Butane	147	795	40	—	1	983	119	555	1,691
Isobutane	213	1,612	1,644	57	172	3,698	151	774	6,099
Other Liquids	-7,679	-47,075	-33,417	-1,315	-1,557	-91,043	-3,701	-31,742	-185,911
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	275	2,079	1,925	150	95	4,524	500	1,412	8,476
Hydrogen	24	2,009	1,645	62	45	3,785	185	1,214	6,444
Oxygenates (excluding Fuel Ethanol)	—	15	—	—	—	15	—	—	15
Methyl Tertiary Butyl Ether (MTBE)	—	15	—	—	—	15	—	—	15
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	251	55	280	88	50	724	315	198	1,968
Fuel Ethanol	191	44	137	47	50	469	273	90	1,398
Renewable Diesel Fuel	60	11	143	41	—	255	42	108	570
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	49
Unfinished Oils (net)	564	-2,366	7,228	187	-55	5,558	-80	437	7,737
Naphthas and Lighter	232	-4,044	-877	176	-37	-4,550	11	-488	-4,356
Kerosene and Light Gas Oils	67	-4,898	534	-32	27	-4,302	-385	682	-4,024
Heavy Gas Oils	103	5,580	7,868	92	-45	13,598	235	190	14,963
Residuum	162	996	-297	-49	—	812	59	53	1,154
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,523	-46,788	-42,571	-1,652	-1,597	-101,131	-4,121	-33,591	-202,130
Reformulated - RBOB	-980	-17,002	-5,422	—	-691	-24,095	—	-25,888	-67,829
Conventional	-7,543	-29,786	-37,149	-1,652	-906	-77,036	-4,121	-7,703	-134,301
CBOB	-7,452	-25,652	-34,051	-1,614	-898	-69,667	-4,099	-8,485	-128,190
GTAB	—	—	—	—	—	—	—	—	—
Other	-91	-4,134	-3,098	-38	-8	-7,369	-22	782	-6,111
Aviation Gasoline Blend. Comp. (net)	5	—	1	—	—	6	—	—	6
Total Input to Refineries	13,340	89,098	74,594	5,795	2,692	185,519	15,330	41,025	334,529
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	654	4,233	3,524	205	131	8,748	597	2,435	16,612
Operable Capacity (daily average)	695	4,550	3,655	243	128	9,271	647	2,933	17,962
Operable Utilization Rate (percent) ²	94.1	93.0	96.4	84.3	103.1	94.4	92.2	83.0	92.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	146	618	581	26	27	1,398	105	342	2,714
Catalytic Cracking	181	1,365	1,067	19	35	2,667	158	671	4,963
Catalytic Hydrocracking	49	438	413	15	—	914	20	306	1,524
Delayed and Fluid Coking	25	711	538	24	—	1,298	73	422	2,286
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.53	1.59	1.33	1.63	0.57	1.39	1.37	1.27	1.35
API Gravity, Weighted Average (degrees)	39.37	29.53	30.79	31.10	38.94	30.97	33.72	28.11	31.40
Operable Capacity (daily average)	695	4,550	3,655	243	128	9,271	647	2,933	17,962
Operating	695	4,550	3,655	243	128	9,271	643	2,849	17,819
Idle	—	—	—	—	—	—	4	85	142
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,329	14,329

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	32,278	2,733	35,011	70,357	14,883	25,899	111,139
Natural Gas Plant Liquids	321	-	321	1,191	58	850	2,099
Pentanes Plus	-	-	-	474	-	358	832
Liquefied Petroleum Gases	321	-	321	717	58	492	1,267
Normal Butane	6	-	6	21	-	3	24
Isobutane	315	-	315	696	58	489	1,243
Other Liquids	-13,152	116	-13,036	-32,098	-5,399	-10,552	-48,049
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	240	137	377	940	448	224	1,612
Hydrogen	112	22	134	660	259	138	1,057
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	128	115	243	246	189	86	521
Fuel Ethanol	78	89	167	163	151	72	386
Renewable Diesel Fuel	50	26	76	83	38	14	135
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	34	-	-	34
Unfinished Oils (net)	2,962	8	2,970	-1,628	-426	-12	-2,066
Naphthas and Lighter	627	-4	623	-251	-316	127	-440
Kerosene and Light Gas Oils	106	-	106	-1,145	-39	-43	-1,227
Heavy Gas Oils	1,163	8	1,171	5	-71	86	20
Residuum	1,066	4	1,070	-237	-	-182	-419
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,354	-29	-16,383	-31,410	-5,421	-10,764	-47,595
Reformulated - RBOB	-9,558	-	-9,558	-7,097	-299	-	-7,396
Conventional	-6,796	-29	-6,825	-24,313	-5,122	-10,764	-40,199
CBOB	-6,392	-50	-6,442	-24,676	-5,570	-10,752	-40,998
GTAB	-	-	-	-	-	-	-
Other	-404	21	-383	363	448	-12	799
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	19,447	2,849	22,296	39,450	9,542	16,197	65,189
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,085	91	1,176	2,345	497	865	3,707
Operable Capacity (daily average)	1,170	98	1,269	2,539	491	850	3,880
Operable Utilization Rate (percent) ²	92.7	93.1	92.7	92.4	101.2	101.7	95.5
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	181	16	197	468	79	173	719
Catalytic Cracking	431	17	448	712	139	221	1,072
Catalytic Hydrocracking	36	-	36	163	50	59	272
Delayed and Fluid Coking	53	-	53	315	58	84	457
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.84	1.76	0.91	1.58	1.93	0.66	1.42
API Gravity, Weighted Average (degrees)	34.06	31.40	33.85	32.80	30.42	37.80	33.59
Operable Capacity (daily average)	1,170	98	1,269	2,539	491	850	3,880
Operating	1,138	98	1,237	2,517	491	850	3,858
Idle	32	-	32	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,954	134,101	100,149	6,421	3,805	264,430	18,464	71,990	501,034
Natural Gas Plant Liquids	450	3,834	3,045	69	174	7,572	512	1,823	12,327
Pentanes Plus	156	1,196	1,121	10	3	2,486	175	628	4,121
Liquefied Petroleum Gases	294	2,638	1,924	59	171	5,086	337	1,195	8,206
Normal Butane	125	878	123	—	—	1,126	104	463	1,723
Isobutane	169	1,760	1,801	59	171	3,960	233	732	6,483
Other Liquids	-7,515	-47,506	-34,973	-1,645	-1,509	-93,148	-4,079	-30,694	-189,006
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	277	2,304	1,942	101	89	4,713	486	1,503	8,691
Hydrogen	24	2,143	1,643	22	44	3,876	183	1,238	6,488
Oxygenates (excluding Fuel Ethanol)	—	107	—	—	—	107	—	—	107
Methyl Tertiary Butyl Ether (MTBE)	—	107	—	—	—	107	—	—	107
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	253	54	299	79	45	730	303	265	2,062
Fuel Ethanol	194	42	126	36	45	443	256	89	1,341
Renewable Diesel Fuel	59	12	173	43	—	287	47	176	721
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	34
Unfinished Oils (net)	-282	-3,368	5,321	-197	-15	1,459	-183	996	3,176
Naphthas and Lighter	-217	-3,886	-2,554	104	38	-6,515	-71	-227	-6,630
Kerosene and Light Gas Oils	-97	-5,966	461	-20	-42	-5,664	-175	68	-6,892
Heavy Gas Oils	157	4,662	5,256	-186	-11	9,878	-6	1,260	12,323
Residuum	-125	1,822	2,158	-95	—	3,760	69	-105	4,375
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,510	-46,442	-42,238	-1,549	-1,583	-99,322	-4,382	-33,193	-200,875
Reformulated - RBOB	-880	-16,729	-5,865	—	-689	-24,163	—	-24,612	-65,729
Conventional	-6,630	-29,713	-36,373	-1,549	-894	-75,159	-4,382	-8,581	-135,146
CBOB	-6,449	-25,306	-34,548	-1,485	-904	-68,692	-4,349	-9,314	-129,795
GTAB	—	—	—	—	—	—	—	—	—
Other	-181	-4,407	-1,825	-64	10	-6,467	-33	733	-5,351
Aviation Gasoline Blend. Comp. (net)	0	—	2	—	—	2	—	—	2
Total Input to Refineries	12,889	90,429	68,221	4,845	2,470	178,854	14,897	43,119	324,355
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	659	4,398	3,518	203	127	8,904	609	2,527	16,924
Operable Capacity (daily average)	695	4,606	3,655	243	128	9,327	647	2,933	18,056
Operable Utilization Rate (percent) ²	94.8	95.5	96.3	83.6	99.5	95.5	94.1	86.2	93.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	144	571	498	23	26	1,262	101	411	2,689
Catalytic Cracking	177	1,382	1,070	20	35	2,683	172	671	5,047
Catalytic Hydrocracking	42	442	400	1	—	885	19	351	1,562
Delayed and Fluid Coking	26	766	555	14	—	1,360	69	441	2,381
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.55	1.80	1.38	1.44	0.57	1.52	1.37	1.30	1.42
API Gravity, Weighted Average (degrees)	39.49	30.21	31.47	32.03	38.93	31.56	33.47	28.27	31.73
Operable Capacity (daily average)	695	4,606	3,655	243	128	9,327	647	2,933	18,056
Operating	695	4,606	3,655	243	128	9,327	643	2,808	17,873
Idle	—	—	—	—	—	—	4	125	183
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,836	15,836

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	33,672	2,937	36,609	76,230	15,926	26,124	118,280
Natural Gas Plant Liquids	292	-	292	1,361	47	739	2,147
Pentanes Plus	-	-	-	517	-	357	874
Liquefied Petroleum Gases	292	-	292	844	47	382	1,273
Normal Butane	-	-	-	37	-	22	59
Isobutane	292	-	292	807	47	360	1,214
Other Liquids	-14,153	137	-14,016	-32,988	-5,661	-11,003	-49,652
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	183	146	329	993	453	241	1,687
Hydrogen	96	21	117	711	263	141	1,115
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	87	125	212	246	190	100	536
Fuel Ethanol	87	102	189	159	150	84	393
Renewable Diesel Fuel	-	23	23	87	40	16	143
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	36	-	-	36
Unfinished Oils (net)	1,737	-69	1,668	-1,493	-262	-151	-1,906
Naphthas and Lighter	578	-25	553	-24	-167	61	-130
Kerosene and Light Gas Oils	-136	-	-136	-457	-44	15	-486
Heavy Gas Oils	733	-31	702	-862	-51	-89	-1,002
Residuum	562	-13	549	-150	-	-138	-288
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,073	60	-16,013	-32,488	-5,852	-11,093	-49,433
Reformulated - RBOB	-9,980	-	-9,980	-7,411	-203	-	-7,614
Conventional	-6,093	60	-6,033	-25,077	-5,649	-11,093	-41,819
CBOB	-5,854	55	-5,799	-25,470	-6,003	-11,007	-42,480
GTAB	-	-	-	-	-	-	-
Other	-239	5	-234	393	354	-86	661
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	19,811	3,074	22,885	44,603	10,312	15,860	70,775
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,099	95	1,194	2,459	516	844	3,819
Operable Capacity (daily average)	1,174	98	1,273	2,539	491	850	3,880
Operable Utilization Rate (percent) ²	93.6	96.8	93.9	96.9	105.1	99.3	98.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	173	16	189	467	82	168	716
Catalytic Cracking	431	16	447	743	139	214	1,097
Catalytic Hydrocracking	40	-	40	165	50	58	273
Delayed and Fluid Coking	52	-	52	315	62	83	460
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.78	1.57	0.85	1.59	2.00	0.66	1.44
API Gravity, Weighted Average (degrees)	33.69	32.57	33.59	32.34	30.01	37.13	33.06
Operable Capacity (daily average)	1,174	98	1,273	2,539	491	850	3,880
Operating	1,174	98	1,273	2,517	491	850	3,858
Idle	-	-	-	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,727	134,581	106,642	6,724	4,017	270,691	19,337	78,321	523,238
Natural Gas Plant Liquids	518	3,913	3,608	72	167	8,278	619	1,750	13,086
Pentanes Plus	217	1,301	1,343	13	2	2,876	186	670	4,606
Liquefied Petroleum Gases	301	2,612	2,265	59	165	5,402	433	1,080	8,480
Normal Butane	122	889	456	—	—	1,467	147	465	2,138
Isobutane	179	1,723	1,809	59	165	3,935	286	615	6,342
Other Liquids	-6,640	-43,903	-35,558	-1,677	-1,622	-89,400	-4,615	-33,850	-191,533
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	304	2,503	1,943	124	89	4,963	553	1,611	9,143
Hydrogen	28	2,386	1,628	49	46	4,137	187	1,367	6,923
Oxygenates (excluding Fuel Ethanol)	—	62	—	—	—	62	—	—	62
Methyl Tertiary Butyl Ether (MTBE)	—	62	—	—	—	62	—	—	62
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	276	55	315	75	43	764	366	244	2,122
Fuel Ethanol	208	46	133	37	43	467	317	94	1,460
Renewable Diesel Fuel	68	9	182	38	—	297	49	150	662
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	36
Unfinished Oils (net)	-85	4,116	5,871	-161	-111	9,630	-646	728	9,474
Naphthas and Lighter	-295	-3,182	-2,632	-15	-56	-6,180	-292	-315	-6,364
Kerosene and Light Gas Oils	54	-2,676	-447	-86	-25	-3,180	-502	-820	-5,124
Heavy Gas Oils	-16	8,527	6,382	-46	-30	14,817	131	1,732	16,380
Residuum	172	1,447	2,568	-14	—	4,173	17	131	4,582
Motor Gasoline Blend.Comp. (MGBC)(net)	-6,858	-50,522	-43,378	-1,640	-1,600	-103,998	-4,522	-36,189	-210,155
Reformulated - RBOB	-805	-16,257	-6,673	—	-741	-24,476	—	-27,291	-69,361
Conventional	-6,053	-34,265	-36,705	-1,640	-859	-79,522	-4,522	-8,898	-140,794
CBOB	-5,827	-29,031	-34,875	-1,619	-821	-72,173	-4,569	-9,623	-134,644
GTAB	—	—	—	—	—	—	—	—	—
Other	-226	-5,234	-1,830	-21	-38	-7,349	47	725	-6,150
Aviation Gasoline Blend. Comp. (net)	-1	—	6	—	—	5	—	—	5
Total Input to Refineries	12,605	94,591	74,692	5,119	2,562	189,569	15,341	46,221	344,791
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	598	4,374	3,593	201	130	8,896	619	2,656	17,185
Operable Capacity (daily average)	695	4,631	3,663	243	128	9,360	651	2,933	18,097
Operable Utilization Rate (percent) ²	86.0	94.5	98.1	82.7	101.6	95.0	95.1	90.6	95.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	136	646	568	33	25	1,408	99	440	2,853
Catalytic Cracking	168	1,464	1,110	15	35	2,793	173	676	5,185
Catalytic Hydrocracking	51	466	421	8	—	946	21	473	1,752
Delayed and Fluid Coking	16	777	555	18	—	1,366	60	472	2,411
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.82	1.68	1.43	1.48	0.58	1.49	1.24	1.26	1.39
API Gravity, Weighted Average (degrees)	40.49	29.80	30.85	32.04	38.91	31.18	34.38	28.62	31.48
Operable Capacity (daily average)	695	4,631	3,663	243	128	9,360	651	2,933	18,097
Operating	695	4,606	3,663	243	128	9,335	647	2,849	17,962
Idle	—	25	—	—	—	25	4	85	135
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,094	15,094

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	34,181	3,008	37,189	70,502	15,909	26,370	112,781
Natural Gas Plant Liquids	286	-	286	1,250	41	1,031	2,322
Pentanes Plus	-	-	-	61	-	551	612
Liquefied Petroleum Gases	286	-	286	1,189	41	480	1,710
Normal Butane	-	-	-	3	-	21	24
Isobutane	286	-	286	1,186	41	459	1,686
Other Liquids	-14,352	26	-14,326	-29,028	-6,177	-11,017	-46,222
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	178	131	309	929	425	226	1,580
Hydrogen	99	20	119	649	243	132	1,024
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	79	111	190	247	182	94	523
Fuel Ethanol	79	91	170	161	141	82	384
Renewable Diesel Fuel	-	20	20	86	41	12	139
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	33	-	-	33
Unfinished Oils (net)	1,083	-103	980	-571	-485	457	-599
Naphthas and Lighter	848	-44	804	169	-242	98	25
Kerosene and Light Gas Oils	110	-	110	-470	-223	-14	-707
Heavy Gas Oils	-32	-63	-95	266	-20	396	642
Residuum	157	4	161	-536	-	-23	-559
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,613	-2	-15,615	-29,386	-6,117	-11,700	-47,203
Reformulated - RBOB	-9,826	-	-9,826	-7,972	-224	-	-8,196
Conventional	-5,787	-2	-5,789	-21,414	-5,893	-11,700	-39,007
CBOB	-5,555	-6	-5,561	-22,448	-6,122	-11,737	-40,307
GTAB	-	-	-	-	-	-	-
Other	-232	4	-228	1,034	229	37	1,300
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	20,115	3,034	23,149	42,724	9,773	16,384	68,881
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,099	97	1,196	2,274	514	852	3,640
Operable Capacity (daily average)	1,174	98	1,273	2,539	491	850	3,880
Operable Utilization Rate (percent) ²	93.6	99.1	94.0	89.6	104.5	100.2	93.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	169	16	185	430	75	172	677
Catalytic Cracking	386	17	402	749	142	235	1,126
Catalytic Hydrocracking	37	-	37	126	51	55	231
Delayed and Fluid Coking	51	-	51	330	65	92	487
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.91	1.62	0.97	1.63	2.04	0.65	1.46
API Gravity, Weighted Average (degrees)	33.90	32.17	33.76	31.65	29.42	37.80	32.71
Operable Capacity (daily average)	1,174	98	1,273	2,539	491	850	3,880
Operating	1,174	98	1,273	2,517	491	850	3,858
Idle	-	-	-	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,372	129,106	108,062	6,686	3,874	269,100	19,188	79,449	517,707
Natural Gas Plant Liquids	503	4,122	3,696	65	189	8,575	582	1,477	13,242
Pentanes Plus	163	1,503	1,470	10	18	3,164	182	495	4,453
Liquefied Petroleum Gases	340	2,619	2,226	55	171	5,411	400	982	8,789
Normal Butane	160	804	404	—	—	1,368	133	345	1,870
Isobutane	180	1,815	1,822	55	171	4,043	267	637	6,919
Other Liquids	-7,634	-41,852	-36,359	-1,355	-1,651	-88,851	-3,990	-34,867	-188,256
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	301	2,129	1,884	140	97	4,551	495	1,536	8,471
Hydrogen	27	2,026	1,611	63	50	3,777	179	1,272	6,371
Oxygenates (excluding Fuel Ethanol)	—	44	—	—	—	44	—	—	44
Methyl Tertiary Butyl Ether (MTBE)	—	44	—	—	—	44	—	—	44
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	274	59	273	77	47	730	316	264	2,023
Fuel Ethanol	207	46	133	41	47	474	264	98	1,390
Renewable Diesel Fuel	67	13	140	36	—	256	52	166	633
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	33
Unfinished Oils (net)	352	4,802	7,124	69	-119	12,228	-32	-542	12,035
Naphthas and Lighter	165	-1,253	-540	60	-36	-1,604	64	-1,036	-1,747
Kerosene and Light Gas Oils	227	-2,675	127	-20	-65	-2,406	-53	161	-2,895
Heavy Gas Oils	90	6,598	5,961	60	-18	12,691	-119	22	13,141
Residuum	-130	2,132	1,576	-31	—	3,547	76	311	3,536
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,289	-48,783	-45,370	-1,564	-1,629	-105,635	-4,453	-35,861	-208,767
Reformulated - RBOB	-817	-15,651	-6,800	—	-760	-24,028	—	-26,731	-68,781
Conventional	-7,472	-33,132	-38,570	-1,564	-869	-81,607	-4,453	-9,130	-139,986
CBOB	-7,141	-28,878	-36,292	-1,530	-905	-74,746	-4,516	-9,561	-134,691
GTAB	—	—	—	—	—	—	—	—	—
Other	-331	-4,254	-2,278	-34	36	-6,861	63	431	-5,295
Aviation Gasoline Blend. Comp. (net)	2	—	3	—	—	5	—	—	5
Total Input to Refineries	14,241	91,376	75,399	5,396	2,412	188,824	15,780	46,059	342,693
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	678	4,223	3,612	196	125	8,835	611	2,681	16,962
Operable Capacity (daily average)	695	4,631	3,664	243	128	9,361	651	2,933	18,098
Operable Utilization Rate (percent) ²	97.6	91.2	98.6	80.9	98.0	94.4	93.8	91.4	93.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	146	715	606	31	24	1,523	106	424	2,915
Catalytic Cracking	182	1,471	1,118	15	36	2,822	167	695	5,213
Catalytic Hydrocracking	53	460	456	13	—	982	23	473	1,746
Delayed and Fluid Coking	27	764	568	21	—	1,380	57	459	2,434
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.89	1.62	1.36	1.44	0.57	1.43	1.25	1.19	1.36
API Gravity, Weighted Average (degrees)	39.66	29.97	30.88	31.54	39.20	31.29	34.04	28.48	31.43
Operable Capacity (daily average)	695	4,631	3,664	243	128	9,361	651	2,933	18,098
Operating	695	4,631	3,664	243	128	9,361	647	2,838	17,977
Idle	—	—	—	—	—	—	4	95	121
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,957	12,957

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	29,231	2,936	32,167	68,238	11,774	24,481	104,493
Natural Gas Plant Liquids	706	-	706	1,271	39	955	2,265
Pentanes Plus	-	-	-	-	-	513	513
Liquefied Petroleum Gases	706	-	706	1,271	39	442	1,752
Normal Butane	408	-	408	107	-	28	135
Isobutane	298	-	298	1,164	39	414	1,617
Other Liquids	-12,913	134	-12,779	-30,303	-4,236	-10,774	-45,313
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	171	151	322	878	336	229	1,443
Hydrogen	103	25	128	617	171	132	920
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	68	126	194	253	165	97	515
Fuel Ethanol	68	103	171	161	130	85	376
Renewable Diesel Fuel	-	23	23	92	35	12	139
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	8	-	-	8
Unfinished Oils (net)	1,680	-60	1,620	-1,048	360	-185	-873
Naphthas and Lighter	224	16	240	-124	-4	-156	-284
Kerosene and Light Gas Oils	239	-	239	-317	101	68	-148
Heavy Gas Oils	1,223	-79	1,144	144	263	43	450
Residuum	-6	3	-3	-751	-	-140	-891
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,764	43	-14,721	-30,133	-4,932	-10,818	-45,883
Reformulated - RBOB	-8,837	-	-8,837	-7,902	-324	-145	-8,371
Conventional	-5,927	43	-5,884	-22,231	-4,608	-10,673	-37,512
CBOB	-5,395	29	-5,366	-22,173	-4,686	-10,583	-37,442
GTAB	-	-	-	-	-	-	-
Other	-532	14	-518	-58	78	-90	-70
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	17,024	3,070	20,094	39,206	7,577	14,662	61,445
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	965	98	1,063	2,272	393	817	3,482
Operable Capacity (daily average)	1,179	98	1,278	2,544	491	850	3,885
Operable Utilization Rate (percent) ²	81.8	100.1	83.2	89.3	80.0	96.1	89.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	144	16	160	403	70	149	622
Catalytic Cracking	385	16	402	790	122	212	1,124
Catalytic Hydrocracking	32	-	32	105	48	59	212
Delayed and Fluid Coking	43	-	43	269	39	83	391
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.51	1.71	0.62	1.57	1.83	0.71	1.40
API Gravity, Weighted Average (degrees)	34.72	31.59	34.44	31.03	30.44	36.79	32.29
Operable Capacity (daily average)	1,179	98	1,278	2,544	491	850	3,885
Operating	1,179	98	1,278	2,522	491	850	3,863
Idle	-	-	-	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,042	123,633	99,199	6,771	3,959	254,604	18,040	75,724	485,028
Natural Gas Plant Liquids	480	4,528	4,017	98	170	9,293	560	1,867	14,691
Pentanes Plus	167	1,565	1,566	10	13	3,321	190	669	4,693
Liquefied Petroleum Gases	313	2,963	2,451	88	157	5,972	370	1,198	9,998
Normal Butane	74	1,101	767	21	—	1,963	122	516	3,144
Isobutane	239	1,862	1,684	67	157	4,009	248	682	6,854
Other Liquids	-8,071	-40,862	-32,153	-1,508	-1,539	-84,133	-3,882	-32,073	-178,180
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	282	2,105	1,944	170	92	4,593	484	1,527	8,369
Hydrogen	21	1,964	1,675	72	48	3,780	174	1,260	6,262
Oxygenates (excluding Fuel Ethanol)	—	83	—	—	—	83	—	—	83
Methyl Tertiary Butyl Ether (MTBE)	—	83	—	—	—	83	—	—	83
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	261	58	269	98	44	730	310	267	2,016
Fuel Ethanol	193	47	118	38	44	440	266	93	1,346
Renewable Diesel Fuel	68	11	151	60	—	290	44	174	670
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	8
Unfinished Oils (net)	-124	2,483	8,046	-43	-24	10,338	7	2,791	13,883
Naphthas and Lighter	82	-1,980	-433	-69	-9	-2,409	293	662	-1,498
Kerosene and Light Gas Oils	61	-2,149	550	45	18	-1,475	-148	583	-949
Heavy Gas Oils	-151	5,933	4,696	26	-33	10,471	-3	880	12,942
Residuum	-116	679	3,233	-45	—	3,751	-135	666	3,388
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,226	-45,450	-42,143	-1,635	-1,607	-99,061	-4,373	-36,391	-200,429
Reformulated - RBOB	-795	-14,045	-3,293	—	-779	-18,912	—	-27,526	-63,646
Conventional	-7,431	-31,405	-38,850	-1,635	-828	-80,149	-4,373	-8,865	-136,783
CBOB	-7,078	-28,080	-35,028	-1,606	-771	-72,563	-4,239	-9,138	-128,748
GTAB	—	—	—	—	—	—	—	—	—
Other	-353	-3,325	-3,822	-29	-57	-7,586	-134	273	-8,035
Aviation Gasoline Blend. Comp. (net)	-3	—	—	—	—	-3	—	—	-3
Total Input to Refineries	13,451	87,299	71,063	5,361	2,590	179,764	14,718	45,518	321,539
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	683	4,133	3,462	202	132	8,612	598	2,672	16,427
Operable Capacity (daily average)	698	4,641	3,681	243	128	9,391	651	2,933	18,138
Operable Utilization Rate (percent) ²	97.8	89.0	94.1	83.2	103.5	91.7	91.9	91.1	90.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	146	703	597	31	27	1,504	108	446	2,841
Catalytic Cracking	187	1,389	1,023	20	35	2,653	161	687	5,027
Catalytic Hydrocracking	41	447	470	16	—	975	20	477	1,716
Delayed and Fluid Coking	33	725	568	26	—	1,351	60	464	2,308
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.72	1.34	1.41	0.58	1.45	1.32	1.29	1.36
API Gravity, Weighted Average (degrees)	39.25	29.62	30.59	32.62	38.90	31.02	33.51	28.35	31.16
Operable Capacity (daily average)	698	4,641	3,681	243	128	9,391	651	2,933	18,138
Operating	698	4,641	3,681	243	128	9,391	647	2,849	18,028
Idle	—	—	—	—	—	—	4	85	110
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,735	14,735

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	32,716	2,705	35,421	59,079	11,822	22,414	93,315
Natural Gas Plant Liquids	1,036	-	1,036	1,721	145	763	2,629
Pentanes Plus	-	-	-	192	-	384	576
Liquefied Petroleum Gases	1,036	-	1,036	1,529	145	379	2,053
Normal Butane	744	-	744	527	94	48	669
Isobutane	292	-	292	1,002	51	331	1,384
Other Liquids	-14,439	44	-14,395	-26,445	-4,333	-10,475	-41,253
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	175	138	313	823	348	217	1,388
Hydrogen	100	25	125	571	161	130	862
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	75	113	188	243	187	87	517
Fuel Ethanol	75	98	173	168	163	72	403
Renewable Diesel Fuel	-	15	15	75	24	15	114
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	9	-	-	9
Unfinished Oils (net)	810	-121	689	2,630	267	-1,151	1,746
Naphthas and Lighter	578	-54	524	1,664	-91	-443	1,130
Kerosene and Light Gas Oils	-304	-	-304	771	66	-23	814
Heavy Gas Oils	147	-62	85	653	292	-677	268
Residuum	389	-5	384	-458	-	-8	-466
Motor Gasoline Blend.Comp. (MGBC)(net)	-15,424	27	-15,397	-29,898	-4,948	-9,541	-44,387
Reformulated - RBOB	-10,721	-	-10,721	-8,606	-229	-250	-9,085
Conventional	-4,703	27	-4,676	-21,292	-4,719	-9,291	-35,302
CBOB	-5,056	8	-5,048	-21,160	-4,729	-9,391	-35,280
GTAB	-	-	-	-	-	-	-
Other	353	19	372	-132	10	100	-22
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	19,313	2,749	22,062	34,355	7,634	12,702	54,691
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,046	88	1,133	1,901	382	724	3,007
Operable Capacity (daily average)	1,174	98	1,273	2,544	491	850	3,885
Operable Utilization Rate (percent) ²	89.1	89.1	89.1	74.8	77.7	85.2	77.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	171	13	185	374	69	119	562
Catalytic Cracking	372	16	387	676	116	169	961
Catalytic Hydrocracking	32	-	32	109	46	59	214
Delayed and Fluid Coking	48	-	48	237	37	70	343
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.76	1.59	0.83	1.48	1.75	0.69	1.33
API Gravity, Weighted Average (degrees)	33.70	31.79	33.56	32.14	31.38	37.19	33.21
Operable Capacity (daily average)	1,174	98	1,273	2,544	491	850	3,885
Operating	1,174	98	1,273	2,522	491	785	3,798
Idle	-	-	-	22	-	65	87
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,743	125,696	100,352	7,005	3,900	256,696	18,765	74,439	478,636
Natural Gas Plant Liquids	478	3,957	4,777	117	175	9,504	593	2,144	15,906
Pentanes Plus	166	1,012	1,650	8	19	2,855	179	821	4,431
Liquefied Petroleum Gases	312	2,945	3,127	109	156	6,649	414	1,323	11,475
Normal Butane	92	1,420	1,414	38	—	2,964	185	762	5,324
Isobutane	220	1,525	1,713	71	156	3,685	229	561	6,151
Other Liquids	-7,756	-40,907	-31,607	-1,789	-1,527	-83,586	-3,964	-32,804	-176,002
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	264	2,314	1,934	146	96	4,754	543	1,499	8,497
Hydrogen	14	2,182	1,679	67	47	3,989	195	1,259	6,430
Oxygenates (excluding Fuel Ethanol)	—	73	—	—	—	73	—	—	73
Methyl Tertiary Butyl Ether (MTBE)	—	73	—	—	—	73	—	—	73
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	250	59	255	79	49	692	348	240	1,985
Fuel Ethanol	189	45	121	35	49	439	317	89	1,421
Renewable Diesel Fuel	61	14	134	44	—	253	31	151	564
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	9
Unfinished Oils (net)	-198	2,659	8,871	-16	49	11,365	-104	-616	13,080
Naphthas and Lighter	30	-1,284	-63	-17	20	-1,314	169	-247	262
Kerosene and Light Gas Oils	-103	-951	-98	0	54	-1,098	-305	-201	-1,094
Heavy Gas Oils	-94	3,590	6,652	46	-25	10,169	63	-103	10,482
Residuum	-31	1,304	2,380	-45	—	3,608	-31	-65	3,430
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,824	-45,880	-42,415	-1,919	-1,672	-99,710	-4,403	-33,687	-197,584
Reformulated - RBOB	-885	-14,716	-2,638	—	-778	-19,017	—	-26,361	-65,184
Conventional	-6,939	-31,164	-39,777	-1,919	-894	-80,693	-4,403	-7,326	-132,400
CBOB	-7,095	-28,452	-37,066	-1,820	-886	-75,319	-4,488	-8,431	-128,566
GTAB	—	—	—	—	—	—	—	—	—
Other	156	-2,712	-2,711	-99	-8	-5,374	85	1,105	-3,834
Aviation Gasoline Blend. Comp. (net)	2	—	3	—	—	5	—	—	5
Total Input to Refineries	12,465	88,746	73,522	5,333	2,548	182,614	15,394	43,779	318,540
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	636	4,095	3,335	203	126	8,395	602	2,554	15,691
Operable Capacity (daily average)	698	4,641	3,681	243	128	9,391	651	2,933	18,133
Operable Utilization Rate (percent) ²	91.0	88.2	90.6	83.7	98.7	89.4	92.4	87.1	86.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	121	699	559	32	27	1,439	100	403	2,688
Catalytic Cracking	172	1,256	1,053	19	35	2,536	164	560	4,608
Catalytic Hydrocracking	37	459	476	15	—	988	13	468	1,714
Delayed and Fluid Coking	27	762	546	26	—	1,361	73	436	2,262
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.59	1.76	1.34	1.49	0.60	1.48	1.41	1.28	1.37
API Gravity, Weighted Average (degrees)	39.57	30.09	30.56	32.20	38.88	31.19	33.29	28.27	31.35
Operable Capacity (daily average)	698	4,641	3,681	243	128	9,391	651	2,933	18,133
Operating	698	4,641	3,681	243	128	9,391	629	2,849	17,939
Idle	—	—	—	—	—	—	22	85	194
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,859	14,859

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	33,132	2,893	36,025	70,518	14,592	21,491	106,601
Natural Gas Plant Liquids	1,159	-	1,159	2,142	166	707	3,015
Pentanes Plus	-	-	-	86	-	310	396
Liquefied Petroleum Gases	1,159	-	1,159	2,056	166	397	2,619
Normal Butane	808	-	808	953	112	24	1,089
Isobutane	351	-	351	1,103	54	373	1,530
Other Liquids	-15,131	30	-15,101	-33,200	-6,108	-10,468	-49,776
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	252	138	390	960	409	191	1,560
Hydrogen	107	27	134	703	247	108	1,058
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	145	111	256	230	162	83	475
Fuel Ethanol	65	102	167	158	145	78	381
Renewable Diesel Fuel	80	9	89	72	17	5	94
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	27	-	-	27
Unfinished Oils (net)	1,325	-100	1,225	769	-253	-343	173
Naphthas and Lighter	707	-62	645	601	-82	206	725
Kerosene and Light Gas Oils	-134	-	-134	167	-134	-294	-261
Heavy Gas Oils	630	-34	596	830	-37	-138	655
Residuum	122	-4	118	-829	-	-117	-946
Motor Gasoline Blend.Comp. (MGBC)(net)	-16,708	-8	-16,716	-34,929	-6,264	-10,316	-51,509
Reformulated - RBOB	-10,409	-	-10,409	-8,421	-489	-317	-9,227
Conventional	-6,299	-8	-6,307	-26,508	-5,775	-9,999	-42,282
CBOB	-5,315	-5	-5,320	-26,313	-5,803	-9,972	-42,088
GTAB	-	-	-	-	-	-	-
Other	-984	-3	-987	-195	28	-27	-194
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	19,160	2,923	22,083	39,460	8,650	11,730	59,840
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,094	96	1,190	2,349	487	718	3,554
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operable Utilization Rate (percent) ²	93.2	97.4	93.5	92.1	99.1	84.5	91.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	176	16	192	428	78	128	634
Catalytic Cracking	417	17	433	752	133	190	1,075
Catalytic Hydrocracking	37	-	37	157	48	55	260
Delayed and Fluid Coking	60	-	60	324	59	76	459
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.68	1.61	0.75	1.69	2.04	0.70	1.54
API Gravity, Weighted Average (degrees)	33.30	31.91	33.19	31.80	30.17	37.05	32.60
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operating	1,142	98	1,241	2,502	491	785	3,778
Idle	32	-	32	49	-	65	114
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,971	127,752	100,472	6,977	3,823	259,995	18,127	72,993	493,741
Natural Gas Plant Liquids	437	4,765	5,090	162	165	10,619	724	2,377	17,894
Pentanes Plus	166	1,090	1,199	14	1	2,470	158	873	3,897
Liquefied Petroleum Gases	271	3,675	3,891	148	164	8,149	566	1,504	13,997
Normal Butane	30	1,771	2,229	93	—	4,123	301	976	7,297
Isobutane	241	1,904	1,662	55	164	4,026	265	528	6,700
Other Liquids	-8,492	-42,668	-32,082	-1,979	-1,664	-86,885	-4,126	-33,637	-189,525
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	269	2,248	1,852	134	96	4,599	529	1,483	8,561
Hydrogen	23	2,169	1,615	67	50	3,924	194	1,239	6,549
Oxygenates (excluding Fuel Ethanol)	—	24	—	—	—	24	—	—	24
Methyl Tertiary Butyl Ether (MTBE)	—	24	—	—	—	24	—	—	24
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	246	55	237	67	46	651	335	244	1,961
Fuel Ethanol	189	43	116	33	46	427	314	90	1,379
Renewable Diesel Fuel	57	12	121	34	—	224	21	154	582
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	27
Unfinished Oils (net)	-200	2,126	7,959	15	-169	9,731	-260	-1,701	9,168
Naphthas and Lighter	-155	-1,959	-760	46	-83	-2,911	-9	8	-1,542
Kerosene and Light Gas Oils	33	-2,470	-119	-26	-44	-2,626	-215	669	-2,567
Heavy Gas Oils	-74	5,927	5,091	40	-42	10,942	-97	-2,551	9,545
Residuum	-4	628	3,747	-45	—	4,326	61	173	3,732
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,560	-47,042	-41,895	-2,128	-1,591	-101,216	-4,395	-33,419	-207,255
Reformulated - RBOB	-1,156	-15,304	-2,974	—	-850	-20,284	—	-26,010	-65,930
Conventional	-7,404	-31,738	-38,921	-2,128	-741	-80,932	-4,395	-7,409	-141,325
CBOB	-7,127	-26,930	-36,879	-2,066	-795	-73,797	-4,657	-8,290	-134,152
GTAB	—	—	—	—	—	—	—	—	—
Other	-277	-4,808	-2,042	-62	54	-7,135	262	881	-7,173
Aviation Gasoline Blend. Comp. (net)	-1	—	2	—	—	1	—	—	1
Total Input to Refineries	12,916	89,849	73,480	5,160	2,324	183,729	14,725	41,733	322,110
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	690	4,275	3,470	210	127	8,773	601	2,566	16,683
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operable Utilization Rate (percent) ²	98.9	91.2	94.3	86.5	100.0	93.0	92.4	87.5	91.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	134	673	546	34	24	1,410	97	413	2,746
Catalytic Cracking	183	1,344	1,058	19	36	2,640	169	511	4,828
Catalytic Hydrocracking	40	475	461	16	—	991	8	503	1,799
Delayed and Fluid Coking	32	788	572	24	—	1,416	74	461	2,470
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.98	1.73	1.46	1.53	0.58	1.55	1.35	1.28	1.44
API Gravity, Weighted Average (degrees)	39.51	30.10	30.73	32.42	38.89	31.29	33.29	28.89	31.41
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operating	698	4,641	3,681	243	128	9,391	647	2,804	17,860
Idle	—	46	—	—	—	46	4	130	326
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,927	12,927

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	32,505	2,995	35,500	73,016	16,126	24,354	113,496
Natural Gas Plant Liquids	761	-	761	2,206	185	713	3,104
Pentanes Plus	-	-	-	-	-	281	281
Liquefied Petroleum Gases	761	-	761	2,206	185	432	2,823
Normal Butane	349	-	349	1,150	141	50	1,341
Isobutane	412	-	412	1,056	44	382	1,482
Other Liquids	-15,909	112	-15,797	-35,216	-6,861	-10,949	-53,026
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	178	144	322	989	451	231	1,671
Hydrogen	109	28	137	705	287	140	1,132
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	69	116	185	246	164	91	501
Fuel Ethanol	69	107	176	158	151	83	392
Renewable Diesel Fuel	-	9	9	88	13	8	109
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	38	-	-	38
Unfinished Oils (net)	1,309	-82	1,227	-23	-162	525	340
Naphthas and Lighter	406	-33	373	447	-168	496	775
Kerosene and Light Gas Oils	-13	-	-13	-28	64	5	41
Heavy Gas Oils	856	-47	809	-141	-58	-108	-307
Residuum	60	-2	58	-301	-	132	-169
Motor Gasoline Blend.Comp. (MGBC)(net)	-17,396	50	-17,346	-36,182	-7,150	-11,705	-55,037
Reformulated - RBOB	-11,693	-	-11,693	-8,270	-425	-317	-9,012
Conventional	-5,703	50	-5,653	-27,912	-6,725	-11,388	-46,025
CBOB	-5,127	51	-5,076	-26,494	-6,728	-11,486	-44,708
GTAB	-	-	-	-	-	-	-
Other	-576	-1	-577	-1,418	3	98	-1,317
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	17,357	3,107	20,464	40,006	9,450	14,118	63,574
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,039	97	1,136	2,350	520	786	3,657
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operable Utilization Rate (percent) ²	88.5	98.6	89.3	92.2	105.8	92.5	93.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	155	17	172	438	78	148	664
Catalytic Cracking	410	15	425	750	140	202	1,092
Catalytic Hydrocracking	36	-	36	167	50	57	274
Delayed and Fluid Coking	63	-	63	343	61	87	491
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.67	1.65	0.75	1.70	2.08	0.72	1.55
API Gravity, Weighted Average (degrees)	32.79	32.12	32.74	31.25	29.86	37.33	32.33
Operable Capacity (daily average)	1,174	98	1,273	2,551	491	850	3,892
Operating	1,142	98	1,241	2,529	491	850	3,870
Idle	32	-	32	22	-	-	22
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2015
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,005	137,743	108,580	7,197	3,637	278,162	18,615	73,215	518,988
Natural Gas Plant Liquids	532	4,690	5,355	182	180	10,939	727	2,530	18,061
Pentanes Plus	180	1,028	1,473	14	5	2,700	141	810	3,932
Liquefied Petroleum Gases	352	3,662	3,882	168	175	8,239	586	1,720	14,129
Normal Butane	133	1,844	2,290	105	—	4,372	301	1,197	7,560
Isobutane	219	1,818	1,592	63	175	3,867	285	523	6,569
Other Liquids	-9,057	-48,802	-38,330	-1,816	-1,480	-99,485	-4,573	-34,750	-207,631
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	254	2,548	2,098	119	93	5,112	531	1,610	9,246
Hydrogen	23	2,405	1,839	65	45	4,377	220	1,342	7,208
Oxygenates (excluding Fuel Ethanol)	—	88	—	—	—	88	—	—	88
Methyl Tertiary Butyl Ether (MTBE)	—	88	—	—	—	88	—	—	88
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	231	55	259	54	48	647	311	268	1,912
Fuel Ethanol	203	43	148	35	48	477	294	85	1,424
Renewable Diesel Fuel	28	12	111	19	—	170	17	183	488
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	38
Unfinished Oils (net)	-194	689	5,633	109	211	6,448	-245	-2,972	4,798
Naphthas and Lighter	-32	-3,033	-1,461	20	112	-4,394	-35	-195	-3,476
Kerosene and Light Gas Oils	-142	-5,297	334	-25	44	-5,086	-337	-1,833	-7,228
Heavy Gas Oils	4	8,155	4,068	117	55	12,399	189	-1,252	11,838
Residuum	-24	864	2,692	-3	—	3,529	-62	308	3,664
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,116	-52,039	-46,062	-2,044	-1,784	-111,045	-4,859	-33,388	-221,675
Reformulated - RBOB	-966	-16,506	-3,255	—	-792	-21,519	—	-26,212	-68,436
Conventional	-8,150	-35,533	-42,807	-2,044	-992	-89,526	-4,859	-7,176	-153,239
CBOB	-7,754	-28,654	-38,896	-2,023	-879	-78,206	-4,701	-7,754	-140,445
GTAB	—	—	—	—	—	—	—	—	—
Other	-396	-6,879	-3,911	-21	-113	-11,320	-158	578	-12,794
Aviation Gasoline Blend. Comp. (net)	-1	—	1	—	—	0	—	—	0
Total Input to Refineries	12,480	93,631	75,605	5,563	2,337	189,616	14,769	40,995	329,418
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	672	4,344	3,617	208	117	8,958	599	2,492	16,842
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operable Utilization Rate (percent) ²	96.2	92.7	98.3	85.5	92.0	94.9	92.0	85.0	92.6
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	136	701	564	35	26	1,461	97	417	2,810
Catalytic Cracking	181	1,421	1,072	19	35	2,728	172	475	4,893
Catalytic Hydrocracking	46	511	466	16	—	1,038	16	499	1,864
Delayed and Fluid Coking	30	818	578	26	—	1,451	68	455	2,528
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.76	1.44	1.47	0.59	1.53	1.32	1.31	1.44
API Gravity, Weighted Average (degrees)	39.45	29.81	30.52	31.87	38.97	30.98	33.32	27.96	31.03
Operable Capacity (daily average)	698	4,688	3,681	243	128	9,437	651	2,933	18,186
Operating	698	4,688	3,681	243	128	9,437	647	2,849	18,044
Idle	—	—	—	—	—	—	4	85	142
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,201	15,201

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."