Table 17. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2010
(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	**378,397**	**29,721**	**408,118**	**771,921**	**153,364**	**272,392**	**1,197,677**
Natural Gas Plant Liquids	**4,685**	**–**	**4,685**	**24,468**	**2,370**	**9,628**	**36,466**
Pentanes Plus	8	–	8	7,872	1,401	5,170	14,443
Liquefied Petroleum Gases	4,677	–	4,677	16,596	969	4,458	22,023
Ethane	–	–	–	–	–	–	–
Propane	–	–	–	–	–	–	–
Normal Butane	822	–	822	6,334	439	245	7,018
Isobutane	3,855	–	3,855	10,262	530	4,213	15,005
Other Liquids	**-97,584**	**-502**	**-98,086**	**-296,605**	**-53,093**	**-580**	**-350,278**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	2,229	370	2,599	6,030	1,684	1,736	9,450
Hydrogen	327	21	348	3,612	922	1,281	5,815
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,902	349	2,251	1,830	762	455	3,047
Fuel Ethanol	1,902	315	2,217	1,830	667	455	2,952
Renewable Diesel Fuel	–	34	34	–	95	–	95
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	588	–	–	588
Unfinished Oils (net)	38,644	-785	37,859	17,031	-1,022	-2,155	13,854
Naphthas and Lighter	3,730	-169	3,561	12,531	-36	-2,379	10,116
Kerosene and Light Gas Oils	-2,069	–	-2,069	1,649	-1,212	7,184	7,621
Heavy Gas Oils	19,268	-570	18,698	4,343	226	-84	4,485
Residuum	17,715	-46	17,669	-1,492	–	-6,876	-8,368
Motor Gasoline Blend.Comp. (MGBC)(net)	-138,457	-87	-138,544	-319,666	-53,755	-161	-373,582
Reformulated	-117,107	–	-117,107	-96,916	-4,906	–	-101,822
GTAB	–	–	–	–	–	–	–
RBOB for Blending with Ether	–	–	–	–	–	–	–
RBOB for Blending with Alcohol	–	–	–	–	–	–	–
Conventional	-21,350	-87	-21,437	-222,750	-48,849	-161	-271,760
CBOB	-23,157	-123	-23,280	-229,361	-40,098	-232	-269,691
GTAB	–	–	–	–	–	–	–
Other	1,807	36	1,843	6,611	-8,751	71	-2,069
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**285,498**	**29,219**	**314,717**	**499,784**	**102,641**	**281,440**	**883,865**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,025	82	1,106	2,129	421	755	3,305
Operable Capacity (daily average)	1,302	95	1,397	2,422	447	857	3,726
Operable Utilization Rate (percent)[2]	78.7	85.8	79.2	87.9	94.3	88.1	88.7
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	168	17	185	464	67	162	694
Catalytic Cracking	483	13	496	680	123	197	1,000
Catalytic Hydrocracking	19	–	19	133	43	53	229
Delayed and Fluid Coking	28	–	28	196	60	81	338
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.59	1.37	0.65	1.23	1.99	0.94	1.26
API Gravity, Weighted Average (degrees)	33.45	33.88	33.48	33.64	27.82	35.32	33.27
Operable Capacity (daily average)	1,302	95	1,397	2,422	447	857	3,726
Operating	1,171	95	1,266	2,362	442	850	3,653
Idle	**131**	**–**	**131**	**61**	**5**	**7**	**73**
Alaskan Crude Oil Receipts	–	–	–	–	–	–	–

See footnotes at end of table.

Table 17. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, 2010
(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	**206,314**	**1,317,127**	**1,082,524**	**68,820**	**38,269**	**2,713,054**	**197,172**	**858,073**	**5,374,094**
Natural Gas Plant Liquids	**5,277**	**45,910**	**34,147**	**873**	**2,007**	**88,214**	**4,988**	**20,588**	**154,941**
Pentanes Plus	3,155	15,116	13,557	572	28	32,428	927	6,891	54,697
Liquefied Petroleum Gases	2,122	30,794	20,590	301	1,979	55,786	4,061	13,697	100,244
Ethane	–	–	–	–	–	–	–	–	–
Propane	–	–	–	–	–	–	–	–	–
Normal Butane	314	14,930	6,331	59	4	21,638	1,676	8,099	39,253
Isobutane	1,808	15,864	14,259	242	1,975	34,148	2,385	5,598	60,991
Other Liquids	**-30,576**	**-296,609**	**-240,423**	**122**	**-4,540**	**-572,026**	**-5,132**	**-324,925**	**-1,350,447**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,581	22,031	15,293	1,447	940	41,292	4,343	16,251	73,935
Hydrogen	290	20,629	14,136	1,044	442	36,541	2,123	14,668	59,495
Oxygenates (excluding Fuel Ethanol)	–	901	–	–	–	901	–	–	901
Methyl Tertiary Butyl Ether (MTBE)	–	901	–	–	–	901	–	–	901
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	1,291	501	1,157	403	498	3,850	2,220	1,583	12,951
Fuel Ethanol	1,291	501	1,157	403	498	3,850	2,220	1,537	12,776
Renewable Diesel Fuel	–	–	–	–	–	–	–	46	175
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	588
Unfinished Oils (net)	5,632	66,380	76,941	-760	1,735	149,928	-1,135	14,580	215,086
Naphthas and Lighter	1,827	-1,945	-4,728	-261	1,353	-3,754	-262	106	9,767
Kerosene and Light Gas Oils	153	-7,101	22,271	-85	180	15,418	-2,992	-3,498	14,480
Heavy Gas Oils	4,224	67,474	36,524	106	202	108,530	3,035	18,269	153,017
Residuum	-572	7,952	22,874	-520	–	29,734	-916	-297	37,822
Motor Gasoline Blend.Comp. (MGBC)(net)	-37,796	-385,068	-332,657	-565	-7,215	-763,301	-8,340	-355,756	-1,639,523
Reformulated	-2,921	-199,149	-47,485	–	-7,966	-257,521	–	-315,331	-791,781
GTAB	–	–	–	–	–	–	–	–	–
RBOB for Blending with Ether	–	–	–	–	–	–	–	–	–
RBOB for Blending with Alcohol	–	–	–	–	–	–	–	–	–
Conventional	-34,875	-185,919	-285,172	-565	751	-505,780	-8,340	-40,425	-847,742
CBOB	-26,315	-148,563	-262,999	-64	2	-437,939	-7,942	-47,785	-786,637
GTAB	–	–	–	–	–	–	–	–	–
Other	-8,560	-37,356	-22,173	-501	749	-67,841	-398	7,360	-61,105
Aviation Gasoline Blend. Comp. (net)	7	48	–	–	–	55	–	–	55
Total Input to Refineries	**181,015**	**1,066,428**	**876,248**	**69,815**	**35,736**	**2,229,242**	**197,028**	**553,736**	**4,178,588**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	589	3,664	3,099	185	105	7,642	542	2,582	15,177
Operable Capacity (daily average)	675	4,069	3,504	235	143	8,625	623	3,203	17,575
Operable Utilization Rate (percent)[2]	87.3	90.0	88.5	78.9	73.5	88.6	87.0	80.6	86.4
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	133	568	491	26	24	1,243	97	413	2,632
Catalytic Cracking	149	1,318	1,045	18	25	2,555	162	661	4,873
Catalytic Hydrocracking	45	346	296	–	–	687	21	465	1,422
Delayed and Fluid Coking	27	632	453	3	–	1,114	56	460	1,996
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.85	1.79	1.51	1.43	0.81	1.58	1.33	1.33	1.39
API Gravity, Weighted Average (degrees)	36.24	28.82	29.74	31.46	37.43	29.94	33.42	27.69	30.71
Operable Capacity (daily average)	675	4,069	3,504	235	143	8,625	623	3,203	17,575
Operating	675	4,032	3,363	229	126	8,425	619	2,948	16,911
Idle	**–**	**37**	**140**	**6**	**17**	**200**	**4**	**255**	**663**
Alaskan Crude Oil Receipts	–	–	–	–	–	–	–	218,499	218,499

– = No Data Reported.
[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."