Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**25,988**	**2,231**	**28,219**	**62,614**	**13,393**	**21,320**	**97,327**
Natural Gas Plant Liquids	**356**	**–**	**356**	**2,716**	**173**	**809**	**3,698**
Pentanes Plus	–	–	–	665	47	415	1,127
Liquefied Petroleum Gases	356	–	356	2,051	126	394	2,571
Normal Butane	19	–	19	1,172	58	70	1,300
Isobutane	337	–	337	879	68	324	1,271
Other Liquids	**-7,973**	**-521**	**-8,494**	**-25,384**	**-4,477**	**-398**	**-30,259**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	104	77	181	587	153	132	872
Hydrogen	26	2	28	372	85	97	554
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	78	75	153	164	68	35	267
Fuel Ethanol	78	71	149	164	59	35	258
Renewable Diesel Fuel	–	4	4	–	9	–	9
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	51	–	–	51
Unfinished Oils (net)	4,256	81	4,337	91	189	-556	-276
Naphthas and Lighter	-9	17	8	621	6	-240	387
Kerosene and Light Gas Oils	-179	–	-179	98	-79	681	700
Heavy Gas Oils	2,392	72	2,464	-185	262	-120	-43
Residuum	2,052	-8	2,044	-443	–	-877	-1,320
Motor Gasoline Blend.Comp. (MGBC)(net)	-12,333	-679	-13,012	-26,062	-4,819	26	-30,855
Reformulated - RBOB	-9,362	–	-9,362	-7,898	-583	–	-8,481
Conventional	-2,971	-679	-3,650	-18,164	-4,236	26	-22,374
CBOB	-2,817	-684	-3,501	-18,593	-3,453	-57	-22,103
GTAB	–	–	–	–	–	–	–
Other	-154	5	-149	429	-783	83	-271
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**18,371**	**1,710**	**20,081**	**39,946**	**9,089**	**21,731**	**70,766**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	845	74	919	2,110	447	725	3,283
Operable Capacity (daily average)	1,302	95	1,397	2,422	447	859	3,728
Operable Utilization Rate (percent)[2]	64.9	78.4	65.8	87.1	100.1	84.4	88.1
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	153	17	170	448	75	153	676
Catalytic Cracking	467	14	481	614	130	185	928
Catalytic Hydrocracking	19	–	19	127	43	44	214
Delayed and Fluid Coking	25	–	25	197	67	75	339
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.74	1.04	0.77	1.22	2.13	0.94	1.28
API Gravity, Weighted Average (degrees)	34.60	35.99	34.72	34.03	28.13	35.69	33.60
Operable Capacity (daily average)	**1,302**	**95**	**1,397**	**2,422**	**447**	**859**	**3,728**
Operating	904	95	999	2,361	447	847	3,655
Idle	398	–	398	62	–	12	74
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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	**17,906**	**106,170**	**91,913**	**6,460**	**3,352**	**225,801**	**16,437**	**71,085**	**438,869**
Natural Gas Plant Liquids	**481**	**4,644**	**3,133**	**47**	**170**	**8,475**	**519**	**1,918**	**14,966**
Pentanes Plus	235	1,382	1,008	35	–	2,660	122	677	4,586
Liquefied Petroleum Gases	246	3,262	2,125	12	170	5,815	397	1,241	10,380
Normal Butane	78	1,741	1,118	–	–	2,937	225	825	5,306
Isobutane	168	1,521	1,007	12	170	2,878	172	416	5,074
Other Liquids	**-3,406**	**-24,990**	**-24,522**	**-89**	**339**	**-52,668**	**-507**	**-28,328**	**-120,256**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	156	1,851	1,520	182	890	4,599	423	1,389	7,464
Hydrogen	31	1,742	1,428	148	844	4,193	174	1,249	6,198
Oxygenates (excluding Fuel Ethanol)	–	61	–	–	–	61	–	–	61
Methyl Tertiary Butyl Ether (MTBE)	–	61	–	–	–	61	–	–	61
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	125	48	92	34	46	345	249	140	1,154
Fuel Ethanol	125	48	92	34	46	345	249	135	1,136
Renewable Diesel Fuel	–	–	–	–	–	–	–	5	18
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	51
Unfinished Oils (net)	575	7,773	7,568	-209	105	15,812	66	-63	19,876
Naphthas and Lighter	134	-403	-890	-56	74	-1,141	159	1,639	1,052
Kerosene and Light Gas Oils	-4	-196	1,967	-10	10	1,767	-215	-125	1,948
Heavy Gas Oils	564	8,292	4,766	-93	21	13,550	87	-1,755	14,303
Residuum	-119	80	1,725	-50	–	1,636	35	178	2,573
Motor Gasoline Blend.Comp. (MGBC)(net)	-4,127	-34,614	-33,610	-62	-656	-73,069	-996	-29,654	-147,586
Reformulated - RBOB	-121	-16,371	-3,751	–	-713	-20,956	–	-26,252	-65,051
Conventional	-4,006	-18,243	-29,859	-62	57	-52,113	-996	-3,402	-82,535
CBOB	-3,312	-14,033	-28,303	-16	7	-45,657	-920	-3,971	-76,152
GTAB	–	–	–	–	–	–	–	–	–
Other	-694	-4,210	-1,556	-46	50	-6,456	-76	569	-6,383
Aviation Gasoline Blend. Comp. (net)	-10	–	–	–	–	-10	–	–	-10
Total Input to Refineries	**14,981**	**85,824**	**70,524**	**6,418**	**3,861**	**181,608**	**16,449**	**44,675**	**333,579**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	623	3,588	3,208	203	112	7,733	549	2,646	15,131
Operable Capacity (daily average)	676	4,069	3,504	235	143	8,626	623	3,219	17,594
Operable Utilization Rate (percent)[2]	92.2	88.2	91.6	86.2	78.3	89.7	88.1	82.2	86.0
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	126	514	468	33	23	1,163	99	405	2,513
Catalytic Cracking	144	1,185	1,077	17	26	2,449	162	585	4,605
Catalytic Hydrocracking	45	308	334	–	–	687	15	496	1,431
Delayed and Fluid Coking	33	661	530	13	–	1,236	63	482	2,145
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.91	1.69	1.49	1.46	0.97	1.53	1.30	1.38	1.39
API Gravity, Weighted Average (degrees)	36.10	28.89	30.22	31.30	35.19	30.17	33.42	27.82	30.95
Operable Capacity (daily average)	**676**	**4,069**	**3,504**	**235**	**143**	**8,626**	**623**	**3,219**	**17,594**
Operating	676	3,895	3,449	235	126	8,381	620	2,990	16,644
Idle	–	174	55	–	17	245	4	229	949
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**18,142**	**18,142**

– = 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."