Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2011
(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	**36,916**	**2,941**	**39,857**	**68,600**	**14,342**	**24,933**	**107,875**
Natural Gas Plant Liquids	**448**	**–**	**448**	**1,798**	**118**	**770**	**2,686**
Pentanes Plus	–	–	–	807	61	420	1,288
Liquefied Petroleum Gases	448	–	448	991	57	350	1,398
Normal Butane	5	–	5	11	7	10	28
Isobutane	443	–	443	980	50	340	1,370
Other Liquids	**-11,564**	**69**	**-11,495**	**-26,447**	**-3,872**	**444**	**-29,875**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	196	122	318	568	141	240	949
Hydrogen	30	17	47	335	82	161	578
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	166	105	271	177	59	79	315
Fuel Ethanol	166	89	255	177	53	74	304
Renewable Diesel Fuel	–	16	16	–	6	5	11
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	56	–	–	56
Unfinished Oils (net)	3,088	-63	3,025	1,126	-180	158	1,104
Naphthas and Lighter	222	-15	207	1,940	9	15	1,964
Kerosene and Light Gas Oils	-52	–	-52	-452	-37	628	139
Heavy Gas Oils	1,598	-50	1,548	572	-152	57	477
Residuum	1,320	2	1,322	-934	–	-542	-1,476
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,848	10	-14,838	-28,141	-3,833	46	-31,928
Reformulated - RBOB	-11,660	–	-11,660	-7,662	-460	–	-8,122
Conventional	-3,188	10	-3,178	-20,479	-3,373	46	-23,806
CBOB	-3,100	5	-3,095	-20,716	-3,394	-15	-24,125
GTAB	27	–	27	–	–	–	–
Other	-115	5	-110	237	21	61	319
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**25,800**	**3,010**	**28,810**	**43,951**	**10,588**	**26,147**	**80,686**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,194	95	1,289	2,207	463	813	3,483
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent)[2]	78.4	100.1	79.7	90.7	108.2	94.6	93.6
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	193	16	209	463	74	172	709
Catalytic Cracking	543	16	559	730	124	194	1,048
Catalytic Hydrocracking	18	–	18	110	44	53	208
Delayed and Fluid Coking	42	–	42	210	67	88	365
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.75	1.51	0.81	1.38	2.28	0.89	1.39
API Gravity, Weighted Average (degrees)	32.99	32.89	32.98	33.44	28.23	36.60	33.47
Operable Capacity (daily average)	**1,523**	**95**	**1,618**	**2,433**	**428**	**860**	**3,721**
Operating	1,362	95	1,457	2,372	428	848	3,648
Idle	160	–	160	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, July 2011
(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	**18,230**	**115,506**	**94,846**	**7,161**	**3,449**	**239,192**	**16,908**	**80,305**	**484,137**
Natural Gas Plant Liquids	**536**	**4,259**	**3,040**	**35**	**155**	**8,025**	**443**	**1,178**	**12,780**
Pentanes Plus	235	1,618	1,347	20	–	3,220	128	336	4,972
Liquefied Petroleum Gases	301	2,641	1,693	15	155	4,805	315	842	7,808
Normal Butane	143	1,011	170	–	–	1,324	112	365	1,834
Isobutane	158	1,630	1,523	15	155	3,481	203	477	5,974
Other Liquids	**-3,569**	**-31,676**	**-30,171**	**80**	**-491**	**-65,827**	**-647**	**-28,383**	**-136,227**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	167	1,988	1,243	213	86	3,697	502	1,443	6,909
Hydrogen	31	1,873	1,133	180	34	3,251	207	1,291	5,374
Oxygenates (excluding Fuel Ethanol)	–	64	–	–	–	64	–	–	64
Methyl Tertiary Butyl Ether (MTBE)	–	64	–	–	–	64	–	–	64
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	136	51	110	33	52	382	295	152	1,415
Fuel Ethanol	114	51	110	33	52	360	295	149	1,363
Renewable Diesel Fuel	22	–	–	–	–	22	–	3	52
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	56
Unfinished Oils (net)	202	7,018	6,510	-117	84	13,697	279	3,222	21,327
Naphthas and Lighter	-317	-562	481	-147	71	-474	71	-296	1,472
Kerosene and Light Gas Oils	48	-1,347	-58	-11	24	-1,344	-60	341	-976
Heavy Gas Oils	555	8,664	2,225	106	-11	11,539	231	2,751	16,546
Residuum	-84	263	3,862	-65	–	3,976	37	426	4,285
Motor Gasoline Blend.Comp. (MGBC)(net)	-3,942	-40,682	-37,924	-16	-661	-83,225	-1,428	-33,048	-164,467
Reformulated - RBOB	-287	-17,606	-4,968	–	-686	-23,547	–	-27,048	-70,377
Conventional	-3,655	-23,076	-32,956	-16	25	-59,678	-1,428	-6,000	-94,090
CBOB	-3,330	-21,361	-30,250	12	12	-54,917	-1,519	-5,709	-89,365
GTAB	–	–	–	–	–	–	–	–	27
Other	-325	-1,715	-2,706	-28	13	-4,761	91	-291	-4,752
Aviation Gasoline Blend. Comp. (net)	4	–	–	–	–	4	–	–	4
Total Input to Refineries	**15,197**	**88,089**	**67,715**	**7,276**	**3,113**	**181,390**	**16,704**	**53,100**	**360,690**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	600	3,758	3,233	211	111	7,913	548	2,785	16,018
Operable Capacity (daily average)	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent)[2]	91.2	92.6	91.0	89.8	77.9	91.5	87.8	89.0	90.3
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	124	591	558	32	21	1,326	99	427	2,770
Catalytic Cracking	170	1,412	1,034	18	34	2,668	158	767	5,200
Catalytic Hydrocracking	52	351	321	17	–	742	20	523	1,511
Delayed and Fluid Coking	33	635	549	21	–	1,238	65	513	2,223
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.79	1.87	1.49	1.66	1.93	1.64	1.34	1.40	1.46
API Gravity, Weighted Average (degrees)	36.11	28.33	30.37	29.60	30.93	29.80	33.37	27.34	30.59
Operable Capacity (daily average)	**658**	**4,059**	**3,551**	**235**	**143**	**8,646**	**624**	**3,128**	**17,736**
Operating	658	4,001	3,496	235	126	8,516	624	3,001	17,246
Idle	–	59	55	–	17	130	–	126	491
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**16,517**	**16,517**

– = 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."