Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 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	**34,957**	**2,968**	**37,925**	**66,435**	**14,149**	**23,578**	**104,162**
Natural Gas Plant Liquids	**453**	**–**	**453**	**1,677**	**95**	**752**	**2,524**
Pentanes Plus	–	–	–	697	49	351	1,097
Liquefied Petroleum Gases	453	–	453	980	46	401	1,427
Normal Butane	–	–	–	9	–	–	9
Isobutane	453	–	453	971	46	401	1,418
Other Liquids	**-9,893**	**132**	**-9,761**	**-25,522**	**-3,658**	**-74**	**-29,254**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	217	121	338	619	157	230	1,006
Hydrogen	29	18	47	420	90	135	645
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	188	103	291	148	67	95	310
Fuel Ethanol	188	86	274	130	61	89	280
Renewable Diesel Fuel	–	17	17	18	6	6	30
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	51	–	–	51
Unfinished Oils (net)	3,350	-22	3,328	773	-15	-216	542
Naphthas and Lighter	496	-2	494	1,128	-8	-143	977
Kerosene and Light Gas Oils	8	–	8	-300	-97	367	-30
Heavy Gas Oils	1,705	-18	1,687	192	89	33	314
Residuum	1,141	-2	1,139	-247	1	-473	-719
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,460	33	-13,427	-26,914	-3,800	-88	-30,802
Reformulated - RBOB	-10,467	–	-10,467	-7,755	-409	–	-8,164
Conventional	-2,993	33	-2,960	-19,159	-3,391	-88	-22,638
CBOB	-2,638	14	-2,624	-19,498	-3,518	16	-23,000
GTAB	–	–	–	–	–	–	–
Other	-355	19	-336	339	127	-104	362
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**25,517**	**3,100**	**28,617**	**42,590**	**10,586**	**24,256**	**77,432**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,131	96	1,227	2,144	457	773	3,374
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent)[2]	74.3	101.1	75.9	88.1	106.8	89.9	90.7
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	197	16	213	415	73	160	648
Catalytic Cracking	531	16	547	698	133	180	1,011
Catalytic Hydrocracking	19	–	19	142	39	56	237
Delayed and Fluid Coking	49	–	49	216	60	83	358
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.62	1.71	0.70	1.37	2.31	0.90	1.39
API Gravity, Weighted Average (degrees)	33.34	32.33	33.26	33.05	28.00	35.99	33.02
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, August 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	**19,384**	**116,690**	**99,576**	**6,770**	**3,631**	**246,051**	**17,060**	**78,165**	**483,363**
Natural Gas Plant Liquids	**390**	**4,118**	**3,556**	**73**	**151**	**8,288**	**458**	**1,547**	**13,270**
Pentanes Plus	212	1,451	1,777	49	–	3,489	138	449	5,173
Liquefied Petroleum Gases	178	2,667	1,779	24	151	4,799	320	1,098	8,097
Normal Butane	–	1,060	143	–	–	1,203	110	479	1,801
Isobutane	178	1,607	1,636	24	151	3,596	210	619	6,296
Other Liquids	**-3,457**	**-32,033**	**-30,931**	**14**	**-640**	**-67,047**	**-1,100**	**-26,466**	**-133,628**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	165	2,111	1,451	200	89	4,016	506	1,553	7,419
Hydrogen	34	1,939	1,342	160	36	3,511	221	1,397	5,821
Oxygenates (excluding Fuel Ethanol)	–	122	–	–	–	122	–	–	122
Methyl Tertiary Butyl Ether (MTBE)	–	122	–	–	–	122	–	–	122
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	131	50	109	40	53	383	285	156	1,425
Fuel Ethanol	108	50	109	40	53	360	285	152	1,351
Renewable Diesel Fuel	23	–	–	–	–	23	–	4	74
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	51
Unfinished Oils (net)	345	4,511	6,338	-112	14	11,096	-230	2,770	17,506
Naphthas and Lighter	148	-1,490	-331	3	-2	-1,672	-153	44	-310
Kerosene and Light Gas Oils	181	-2,382	-940	-103	4	-3,240	-220	3	-3,479
Heavy Gas Oils	72	7,403	4,168	1	12	11,656	341	2,635	16,633
Residuum	-56	980	3,441	-13	–	4,352	-198	88	4,662
Motor Gasoline Blend.Comp. (MGBC)(net)	-3,967	-38,655	-38,720	-74	-743	-82,159	-1,376	-30,789	-158,553
Reformulated - RBOB	-237	-15,284	-4,599	–	-731	-20,851	–	-25,496	-64,978
Conventional	-3,730	-23,371	-34,121	-74	-12	-61,308	-1,376	-5,293	-93,575
CBOB	-3,229	-21,434	-31,363	-15	16	-56,025	-1,433	-5,297	-88,379
GTAB	–	–	–	–	–	–	–	–	–
Other	-501	-1,937	-2,758	-59	-28	-5,283	57	4	-5,196
Aviation Gasoline Blend. Comp. (net)	0	–	–	–	–	0	–	–	0
Total Input to Refineries	**16,317**	**88,775**	**72,201**	**6,857**	**3,142**	**187,292**	**16,418**	**53,246**	**363,005**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	630	3,802	3,370	212	117	8,132	553	2,737	16,025
Operable Capacity (daily average)	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent)[2]	95.8	93.7	94.9	90.2	82.0	94.1	88.7	87.5	90.4
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	132	568	528	30	21	1,279	96	418	2,654
Catalytic Cracking	171	1,395	1,129	19	34	2,747	162	754	5,221
Catalytic Hydrocracking	51	379	374	8	–	812	21	523	1,612
Delayed and Fluid Coking	29	610	574	8	–	1,221	65	487	2,180
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.79	1.76	1.50	1.54	1.61	1.57	1.30	1.37	1.42
API Gravity, Weighted Average (degrees)	35.89	29.16	30.30	30.04	33.02	30.23	32.65	27.08	30.63
Operable Capacity (daily average)	**658**	**4,059**	**3,551**	**235**	**143**	**8,646**	**624**	**3,128**	**17,736**
Operating	658	3,864	3,496	235	126	8,379	624	3,001	17,109
Idle	–	195	55	–	17	267	–	126	627
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**16,643**	**16,643**

– = 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."