Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 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	**32,589**	**3,018**	**35,607**	**66,644**	**12,795**	**23,150**	**102,589**
Natural Gas Plant Liquids	**454**	**–**	**454**	**1,333**	**139**	**888**	**2,360**
Pentanes Plus	–	–	–	544	90	523	1,157
Liquefied Petroleum Gases	454	–	454	789	49	365	1,203
Normal Butane	7	–	7	19	–	–	19
Isobutane	447	–	447	770	49	365	1,184
Other Liquids	**-9,605**	**-1**	**-9,606**	**-27,247**	**-3,319**	**-342**	**-30,908**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	221	105	326	669	145	223	1,037
Hydrogen	32	4	36	435	81	157	673
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	189	101	290	209	64	66	339
Fuel Ethanol	189	86	275	209	56	62	327
Renewable Diesel Fuel	–	15	15	–	8	4	12
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	25	–	–	25
Unfinished Oils (net)	3,119	-34	3,085	-844	185	-192	-851
Naphthas and Lighter	480	22	502	42	43	-440	-355
Kerosene and Light Gas Oils	-186	–	-186	-1	90	586	675
Heavy Gas Oils	1,592	-55	1,537	-495	48	261	-186
Residuum	1,233	-1	1,232	-390	4	-599	-985
Motor Gasoline Blend.Comp. (MGBC)(net)	-12,945	-72	-13,017	-27,072	-3,649	-373	-31,094
Reformulated - RBOB	-10,693	–	-10,693	-7,168	-475	–	-7,643
Conventional	-2,252	-72	-2,324	-19,904	-3,174	-373	-23,451
CBOB	-3,087	-57	-3,144	-19,935	-3,295	-53	-23,283
GTAB	53	–	53	–	–	–	–
Other	782	-15	767	31	121	-320	-168
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**23,438**	**3,017**	**26,455**	**40,730**	**9,615**	**23,696**	**74,041**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,055	97	1,152	2,157	414	760	3,330
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent)[2]	69.3	102.6	71.2	88.6	96.7	88.3	89.5
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	178	17	195	388	68	157	612
Catalytic Cracking	499	15	514	642	133	199	974
Catalytic Hydrocracking	18	–	18	141	44	46	231
Delayed and Fluid Coking	21	–	21	199	40	82	321
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.48	1.58	0.57	1.29	2.15	0.96	1.32
API Gravity, Weighted Average (degrees)	34.44	33.03	34.32	33.72	28.45	36.01	33.58
Operable Capacity (daily average)	**1,523**	**95**	**1,618**	**2,433**	**428**	**860**	**3,721**
Operating	1,110	95	1,205	2,372	428	848	3,648
Idle	413	–	413	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, May 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	**19,704**	**106,733**	**96,976**	**6,380**	**3,332**	**233,125**	**17,546**	**69,183**	**458,050**
Natural Gas Plant Liquids	**592**	**3,939**	**3,327**	**85**	**161**	**8,104**	**416**	**1,675**	**13,009**
Pentanes Plus	248	1,446	1,753	64	–	3,511	122	622	5,412
Liquefied Petroleum Gases	344	2,493	1,574	21	161	4,593	294	1,053	7,597
Normal Butane	180	883	131	–	–	1,194	97	505	1,822
Isobutane	164	1,610	1,443	21	161	3,399	197	548	5,775
Other Liquids	**-3,811**	**-25,685**	**-27,507**	**239**	**-591**	**-57,355**	**-316**	**-25,362**	**-123,547**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	148	2,066	1,425	185	80	3,904	462	1,405	7,134
Hydrogen	33	1,860	1,312	152	35	3,392	206	1,262	5,569
Oxygenates (excluding Fuel Ethanol)	–	156	–	–	–	156	–	–	156
Methyl Tertiary Butyl Ether (MTBE)	–	156	–	–	–	156	–	–	156
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	115	50	113	33	45	356	256	143	1,384
Fuel Ethanol	115	50	113	33	45	356	256	140	1,354
Renewable Diesel Fuel	–	–	–	–	–	–	–	3	30
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	25
Unfinished Oils (net)	161	9,327	7,367	122	38	17,015	384	2,821	22,454
Naphthas and Lighter	80	206	-192	15	54	163	205	266	781
Kerosene and Light Gas Oils	-74	-167	1,796	-32	-15	1,508	-125	-36	1,836
Heavy Gas Oils	330	9,558	2,180	150	-1	12,217	361	2,633	16,562
Residuum	-175	-270	3,583	-11	–	3,127	-57	-42	3,275
Motor Gasoline Blend.Comp. (MGBC)(net)	-4,123	-37,078	-36,299	-68	-709	-78,277	-1,162	-29,588	-153,138
Reformulated - RBOB	-273	-16,425	-3,258	–	-751	-20,707	–	-26,207	-65,250
Conventional	-3,850	-20,653	-33,041	-68	42	-57,570	-1,162	-3,381	-87,888
CBOB	-3,294	-18,847	-30,832	-11	23	-52,961	-1,066	-4,692	-85,146
GTAB	–	–	–	–	–	–	–	–	53
Other	-556	-1,806	-2,209	-57	19	-4,609	-96	1,311	-2,795
Aviation Gasoline Blend. Comp. (net)	3	–	–	–	–	3	–	–	3
Total Input to Refineries	**16,485**	**84,987**	**72,796**	**6,704**	**2,902**	**183,874**	**17,646**	**45,496**	**347,512**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	583	3,477	3,288	186	107	7,641	562	2,444	15,128
Operable Capacity (daily average)	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent)[2]	88.6	85.7	92.6	79.0	75.2	88.4	90.0	78.1	85.3
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	124	567	550	37	19	1,298	106	338	2,549
Catalytic Cracking	161	1,339	1,095	15	33	2,643	167	728	5,025
Catalytic Hydrocracking	36	329	365	–	–	730	18	400	1,397
Delayed and Fluid Coking	30	573	580	20	–	1,203	75	378	1,998
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.89	1.74	1.46	1.74	1.61	1.55	1.43	1.31	1.38
API Gravity, Weighted Average (degrees)	36.07	28.71	29.89	29.57	33.70	29.91	33.69	27.76	30.88
Operable Capacity (daily average)	**658**	**4,059**	**3,551**	**235**	**143**	**8,646**	**624**	**3,128**	**17,736**
Operating	658	3,964	3,496	235	126	8,479	624	3,001	16,957
Idle	–	96	55	–	17	167	–	126	780
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**15,547**	**15,547**

– = 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."