Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2013
(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	**31,038**	**2,589**	**33,627**	**71,429**	**14,251**	**25,113**	**110,793**
Natural Gas Plant Liquids	**357**	**–**	**357**	**1,488**	**43**	**710**	**2,241**
Pentanes Plus	–	–	–	456	–	258	714
Liquefied Petroleum Gases	357	–	357	1,032	43	452	1,527
Normal Butane	6	–	6	1	–	2	3
Isobutane	351	–	351	1,031	43	450	1,524
Other Liquids	**-11,574**	**34**	**-11,540**	**-27,015**	**-2,163**	**-301**	**-29,479**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	170	108	278	832	299	220	1,351
Hydrogen	116	17	133	507	74	140	721
Oxygenates (excluding Fuel Ethanol)	–	–	–	–	–	–	–
Methyl Tertiary Butyl Ether (MTBE)	–	–	–	–	–	–	–
All Other Oxygenates[1]	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	54	91	145	269	225	80	574
Fuel Ethanol	54	72	126	157	196	76	429
Renewable Diesel Fuel	–	19	19	112	29	4	145
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	56	–	–	56
Unfinished Oils (net)	2,063	-159	1,904	540	211	-513	238
Naphthas and Lighter	408	-106	302	933	-126	-55	752
Kerosene and Light Gas Oils	-166	–	-166	-424	-29	-116	-569
Heavy Gas Oils	259	-50	209	100	368	-76	392
Residuum	1,562	-3	1,559	-69	-2	-266	-337
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,807	85	-13,722	-28,387	-2,673	-8	-31,068
Reformulated - RBOB	-9,700	–	-9,700	-7,939	-317	–	-8,256
Conventional	-4,107	85	-4,022	-20,448	-2,356	-8	-22,812
CBOB	-3,855	80	-3,775	-20,547	-2,665	-4	-23,216
GTAB	–	–	–	–	–	–	–
Other	-252	5	-247	99	309	-4	404
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**19,821**	**2,623**	**22,444**	**45,902**	**12,131**	**25,522**	**83,555**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,058	84	1,142	2,299	462	811	3,572
Operable Capacity (daily average)	1,198	96	1,294	2,454	455	860	3,769
Operable Utilization Rate (percent)[2]	88.3	87.3	88.2	93.7	101.6	94.3	94.8
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	161	12	173	460	72	163	695
Catalytic Cracking	403	13	416	734	137	199	1,070
Catalytic Hydrocracking	36	–	36	167	37	56	260
Delayed and Fluid Coking	51	–	51	301	54	74	429
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.63	1.40	0.68	1.56	2.03	0.82	1.46
API Gravity, Weighted Average (degrees)	34.78	33.55	34.69	33.17	28.84	37.16	33.51
Operable Capacity (daily average)	**1,198**	**96**	**1,294**	**2,454**	**455**	**860**	**3,769**
Operating	1,138	96	1,234	2,432	455	848	3,735
Idle	60	–	60	22	–	12	34
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 2013
(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	**20,747**	**130,923**	**99,284**	**6,565**	**3,782**	**261,301**	**18,094**	**73,426**	**497,241**
Natural Gas Plant Liquids	**559**	**4,269**	**3,289**	**121**	**153**	**8,391**	**488**	**1,554**	**13,031**
Pentanes Plus	202	1,480	1,564	81	–	3,327	220	406	4,667
Liquefied Petroleum Gases	357	2,789	1,725	40	153	5,064	268	1,148	8,364
Normal Butane	147	1,129	46	–	–	1,322	75	479	1,885
Isobutane	210	1,660	1,679	40	153	3,742	193	669	6,479
Other Liquids	**-5,036**	**-39,208**	**-31,402**	**-1,443**	**-468**	**-77,557**	**-782**	**-25,389**	**-144,747**
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	213	2,679	1,474	195	78	4,639	515	1,758	8,541
Hydrogen	28	2,490	1,295	162	38	4,013	178	1,432	6,477
Oxygenates (excluding Fuel Ethanol)	–	106	–	–	–	106	–	–	106
Methyl Tertiary Butyl Ether (MTBE)	–	106	–	–	–	106	–	–	106
All Other Oxygenates[1]	–	–	–	–	–	–	–	–	–
Renewable Fuels (including Fuel Ethanol)	185	83	179	33	40	520	337	326	1,902
Fuel Ethanol	135	51	157	23	40	406	325	159	1,445
Renewable Diesel Fuel	50	32	22	10	–	114	12	167	457
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–	–	56
Unfinished Oils (net)	-164	5,936	8,081	51	22	13,926	176	4,914	21,158
Naphthas and Lighter	-82	-2,030	815	99	5	-1,193	193	554	608
Kerosene and Light Gas Oils	-2	-1,373	175	-28	15	-1,213	-234	-160	-2,342
Heavy Gas Oils	60	7,884	3,547	39	2	11,532	348	4,638	17,119
Residuum	-140	1,455	3,544	-59	–	4,800	-131	-118	5,773
Motor Gasoline Blend.Comp. (MGBC)(net)	-5,081	-47,823	-40,965	-1,689	-568	-96,126	-1,473	-32,061	-174,450
Reformulated - RBOB	-378	-16,540	-5,377	–	-580	-22,875	–	-27,380	-68,211
Conventional	-4,703	-31,283	-35,588	-1,689	12	-73,251	-1,473	-4,681	-106,239
CBOB	-4,191	-26,702	-34,009	-719	-6	-65,627	-1,314	-4,263	-98,195
GTAB	–	–	–	–	–	–	–	–	–
Other	-512	-4,581	-1,579	-970	18	-7,624	-159	-418	-8,044
Aviation Gasoline Blend. Comp. (net)	-4	–	8	–	–	4	–	–	4
Total Input to Refineries	**16,270**	**95,984**	**71,171**	**5,243**	**3,467**	**192,135**	**17,800**	**49,591**	**365,525**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	669	4,313	3,361	193	122	8,657	587	2,532	16,490
Operable Capacity (daily average)	670	4,449	3,605	243	127	9,093	630	3,029	17,815
Operable Utilization Rate (percent)[2]	99.9	96.9	93.2	79.3	96.4	95.2	93.2	83.6	92.6
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	149	648	592	31	27	1,446	111	381	2,807
Catalytic Cracking	194	1,397	1,065	19	35	2,710	175	752	5,124
Catalytic Hydrocracking	54	548	335	17	–	953	21	491	1,760
Delayed and Fluid Coking	30	818	562	21	–	1,431	59	460	2,430
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.69	1.75	1.43	1.62	0.78	1.52	1.41	1.38	1.43
API Gravity, Weighted Average (degrees)	35.81	28.01	30.78	30.08	37.16	29.87	34.20	27.63	30.80
Operable Capacity (daily average)	**670**	**4,449**	**3,605**	**243**	**127**	**9,093**	**630**	**3,029**	**17,815**
Operating	670	4,449	3,560	243	127	9,048	630	2,803	17,450
Idle	–	–	45	–	–	45	–	226	365
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**14,604**	**14,604**

– = 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."