

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 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
<b>Crude Oil</b> .....	<b>30,274</b>	<b>2,631</b>	<b>32,905</b>	<b>67,558</b>	<b>13,273</b>	<b>21,660</b>	<b>102,491</b>
<b>Natural Gas Plant Liquids</b> .....	<b>385</b>	<b>-</b>	<b>385</b>	<b>2,986</b>	<b>224</b>	<b>669</b>	<b>3,879</b>
Pentanes Plus .....	-	-	-	436	108	386	930
Liquefied Petroleum Gases .....	385	-	385	2,550	116	283	2,949
Normal Butane .....	148	-	148	1,473	82	-	1,555
Isobutane .....	237	-	237	1,077	34	283	1,394
<b>Other Liquids</b> .....	<b>-9,586</b>	<b>-52</b>	<b>-9,638</b>	<b>-27,930</b>	<b>-4,933</b>	<b>-419</b>	<b>-33,282</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	169	101	270	596	139	240	975
Hydrogen .....	23	19	42	406	82	185	673
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	146	82	228	169	57	55	281
Fuel Ethanol .....	146	77	223	169	51	55	275
Renewable Diesel Fuel .....	-	5	5	-	6	-	6
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	21	-	-	21
Unfinished Oils (net) .....	3,347	-31	3,316	1,936	-185	-479	1,272
Naphthas and Lighter .....	-185	16	-169	926	-9	64	981
Kerosene and Light Gas Oils .....	11	-	11	131	-134	571	568
Heavy Gas Oils .....	1,502	-47	1,455	1,176	-34	-370	772
Residuum .....	2,019	0	2,019	-297	-8	-744	-1,049
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-13,102	-122	-13,224	-30,462	-4,867	-180	-35,509
Reformulated - RBOB .....	-9,187	-	-9,187	-8,102	-505	-	-8,607
Conventional .....	-3,915	-122	-4,037	-22,360	-4,362	-180	-26,902
CBOB .....	-2,835	-125	-2,960	-22,499	-3,347	-160	-26,006
GTAB .....	-	-	-	-	-	-	-
Other .....	-1,080	3	-1,077	139	-1,015	-20	-896
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-20	-	-20
<b>Total Input to Refineries</b> .....	<b>21,073</b>	<b>2,579</b>	<b>23,652</b>	<b>42,614</b>	<b>8,564</b>	<b>21,910</b>	<b>73,088</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	979	86	1,065	2,225	429	714	3,368
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	64.3	90.1	65.8	91.5	100.1	83.1	90.5
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	177	16	193	458	62	154	674
Catalytic Cracking .....	508	14	522	742	112	163	1,016
Catalytic Hydrocracking .....	21	-	21	140	32	42	214
Delayed and Fluid Coking .....	24	-	24	210	54	72	336
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.53	1.63	0.62	1.21	2.20	0.82	1.26
API Gravity, Weighted Average (degrees) .....	34.93	32.18	34.72	33.23	27.70	35.90	33.08
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,110	95	1,205	2,372	428	848	3,648
Idle .....	413	-	413	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 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			
<b>Crude Oil</b> .....	<b>16,899</b>	<b>108,409</b>	<b>93,081</b>	<b>6,797</b>	<b>3,111</b>	<b>228,297</b>	<b>16,271</b>	<b>67,143</b>	<b>447,107</b>
<b>Natural Gas Plant Liquids</b> .....	<b>625</b>	<b>4,985</b>	<b>3,774</b>	<b>47</b>	<b>131</b>	<b>9,562</b>	<b>419</b>	<b>1,934</b>	<b>16,179</b>
Pentanes Plus .....	229	1,713	1,489	33	—	3,464	130	413	4,937
Liquefied Petroleum Gases .....	396	3,272	2,285	14	131	6,098	289	1,521	11,242
Normal Butane .....	255	1,783	1,220	—	—	3,258	149	986	6,096
Isobutane .....	141	1,489	1,065	14	131	2,840	140	535	5,146
<b>Other Liquids</b> .....	<b>-4,326</b>	<b>-23,811</b>	<b>-25,978</b>	<b>143</b>	<b>-409</b>	<b>-54,381</b>	<b>-723</b>	<b>-26,556</b>	<b>-124,580</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	149	1,943	1,466	161	84	3,803	438	1,341	6,827
Hydrogen .....	30	1,797	1,374	153	40	3,394	185	1,201	5,495
Oxygenates (excluding Fuel Ethanol) .....	—	100	—	—	—	100	—	—	100
Methyl Tertiary Butyl Ether (MTBE) .....	—	100	—	—	—	100	—	—	100
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	119	46	92	8	44	309	253	140	1,211
Fuel Ethanol .....	119	46	92	8	44	309	253	135	1,195
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	5	16
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	21
Unfinished Oils (net) .....	-63	8,038	5,570	-11	13	13,547	-173	2,051	20,013
Naphthas and Lighter .....	144	-402	-1,190	-59	7	-1,500	-5	-1,066	-1,759
Kerosene and Light Gas Oils .....	-211	-409	1,879	18	7	1,284	-191	78	1,750
Heavy Gas Oils .....	161	7,698	2,461	96	-1	10,415	186	2,741	15,569
Residuum .....	-157	1,151	2,420	-66	—	3,348	-163	298	4,453
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-4,412	-33,792	-33,014	-7	-506	-71,731	-988	-29,948	-151,400
Reformulated - RBOB .....	-454	-14,745	-2,980	—	-586	-18,765	—	-26,232	-62,791
Conventional .....	-3,958	-19,047	-30,034	-7	80	-52,966	-988	-3,716	-88,609
CBOB .....	-3,557	-14,920	-28,987	22	51	-47,391	-875	-3,804	-81,036
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	-401	-4,127	-1,047	-29	29	-5,575	-113	88	-7,573
Aviation Gasoline Blend. Comp. (net) .....	0	—	—	—	—	0	—	—	-20
<b>Total Input to Refineries</b> .....	<b>13,198</b>	<b>89,583</b>	<b>70,877</b>	<b>6,987</b>	<b>2,833</b>	<b>183,478</b>	<b>15,967</b>	<b>42,521</b>	<b>338,706</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	568	3,592	3,224	202	100	7,685	527	2,390	15,035
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,096	17,705
Operable Utilization Rate (percent) <sup>2</sup> .....	86.3	88.5	90.8	85.8	70.2	88.9	84.4	77.2	84.9
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	109	572	461	29	22	1,193	95	342	2,497
Catalytic Cracking .....	107	1,343	1,035	18	24	2,527	160	723	4,948
Catalytic Hydrocracking .....	45	278	314	14	—	651	21	448	1,355
Delayed and Fluid Coking .....	23	637	556	18	—	1,235	57	471	2,123
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.76	1.72	1.40	1.63	1.05	1.51	1.42	1.32	1.35
API Gravity, Weighted Average (degrees) .....	36.28	28.67	27.68	30.20	36.75	28.98	33.38	27.71	30.31
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,096</b>	<b>17,705</b>
Operating .....	658	4,001	3,496	235	126	8,516	620	2,948	16,937
Idle .....	—	59	55	—	17	130	4	148	768
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>17,934</b>	<b>17,934</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 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
<b>Crude Oil</b> .....	25,873	2,395	28,268	58,937	12,533	21,089	92,559
<b>Natural Gas Plant Liquids</b> .....	753	-	753	2,093	158	755	3,006
Pentanes Plus .....	-	-	-	471	108	379	958
Liquefied Petroleum Gases .....	753	-	753	1,622	50	376	2,048
Normal Butane .....	523	-	523	825	44	42	911
Isobutane .....	230	-	230	797	6	334	1,137
<b>Other Liquids</b> .....	-7,622	12	-7,610	-24,925	-4,201	-209	-29,335
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	167	96	263	572	129	228	929
Hydrogen .....	26	18	44	375	76	170	621
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	141	78	219	162	53	58	273
Fuel Ethanol .....	141	73	214	162	46	58	266
Renewable Diesel Fuel .....	-	5	5	-	7	-	7
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	35	-	-	35
Unfinished Oils (net) .....	3,859	-70	3,789	324	-32	-274	18
Naphthas and Lighter .....	433	-26	407	590	-4	-139	447
Kerosene and Light Gas Oils .....	-250	-	-250	-216	-72	557	269
Heavy Gas Oils .....	1,990	-38	1,952	626	44	63	733
Residuum .....	1,686	-6	1,680	-676	-	-755	-1,431
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-11,648	-14	-11,662	-25,821	-4,292	-163	-30,276
Reformulated - RBOB .....	-9,500	-	-9,500	-7,131	-406	-	-7,537
Conventional .....	-2,148	-14	-2,162	-18,690	-3,886	-163	-22,739
CBOB .....	-2,096	-13	-2,109	-18,124	-2,967	-121	-21,212
GTAB .....	-	-	-	-	-	-	-
Other .....	-52	-1	-53	-566	-919	-42	-1,527
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-6	-	-6
<b>Total Input to Refineries</b> .....	<b>19,004</b>	<b>2,407</b>	<b>21,411</b>	<b>36,105</b>	<b>8,490</b>	<b>21,635</b>	<b>66,230</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	923	86	1,009	2,105	449	775	3,329
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	60.7	90.3	62.4	86.5	104.8	90.1	89.5
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	137	15	151	434	71	163	667
Catalytic Cracking .....	459	12	471	696	129	201	1,026
Catalytic Hydrocracking .....	22	-	22	143	41	38	222
Delayed and Fluid Coking .....	22	-	22	195	69	82	346
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.46	1.65	0.56	1.26	2.44	0.90	1.34
API Gravity, Weighted Average (degrees) .....	33.72	31.97	33.57	32.96	26.80	35.96	32.81
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,110	95	1,205	2,372	428	848	3,648
Idle .....	413	-	413	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 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			
<b>Crude Oil</b> .....	14,790	77,005	85,089	5,471	2,039	184,394	15,480	62,228	382,929
<b>Natural Gas Plant Liquids</b> .....	431	3,626	3,357	38	86	7,538	431	1,885	13,613
Pentanes Plus .....	175	1,195	1,123	21	2	2,516	118	580	4,172
Liquefied Petroleum Gases .....	256	2,431	2,234	17	84	5,022	313	1,305	9,441
Normal Butane .....	152	1,294	1,283	—	—	2,729	171	756	5,090
Isobutane .....	104	1,137	951	17	84	2,293	142	549	4,351
<b>Other Liquids</b> .....	-4,153	-12,559	-27,960	-102	-116	-44,890	-704	-22,647	-105,186
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	133	1,423	1,335	135	72	3,098	399	1,176	5,865
Hydrogen .....	19	1,319	1,250	127	31	2,746	178	1,050	4,639
Oxygenates (excluding Fuel Ethanol) .....	—	60	—	—	—	60	—	—	60
Methyl Tertiary Butyl Ether (MTBE) .....	—	60	—	—	—	60	—	—	60
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	114	44	85	8	41	292	221	126	1,131
Fuel Ethanol .....	114	44	85	8	41	292	221	125	1,118
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	1	13
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	35
Unfinished Oils (net) .....	-420	10,813	877	-113	58	11,215	-520	1,609	16,111
Naphthas and Lighter .....	-158	1,795	-1,562	-35	13	53	-39	771	1,639
Kerosene and Light Gas Oils .....	-265	-170	890	-3	11	463	-132	-560	-210
Heavy Gas Oils .....	17	7,367	668	-53	34	8,033	-173	1,346	11,891
Residuum .....	-14	1,821	881	-22	—	2,666	-176	52	2,791
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,868	-24,795	-30,172	-124	-246	-59,205	-583	-25,432	-127,158
Reformulated - RBOB .....	-304	-12,186	-2,632	—	-214	-15,336	—	-22,971	-55,344
Conventional .....	-3,564	-12,609	-27,540	-124	-32	-43,869	-583	-2,461	-71,814
CBOB .....	-3,259	-11,281	-26,239	-102	-4	-40,885	-624	-3,413	-68,243
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	-305	-1,328	-1,301	-22	-28	-2,984	41	952	-3,571
Aviation Gasoline Blend. Comp. (net) .....	2	—	—	—	—	2	—	—	-4
<b>Total Input to Refineries</b> .....	<b>11,068</b>	<b>68,072</b>	<b>60,486</b>	<b>5,407</b>	<b>2,009</b>	<b>147,042</b>	<b>15,207</b>	<b>41,466</b>	<b>291,356</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	543	2,859	3,201	177	73	6,853	554	2,449	14,195
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,096	17,705
Operable Utilization Rate (percent) <sup>2</sup> .....	82.5	70.4	90.2	75.5	50.9	79.3	88.9	79.1	80.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	113	492	469	27	16	1,118	98	366	2,400
Catalytic Cracking .....	162	1,216	937	17	18	2,349	148	714	4,709
Catalytic Hydrocracking .....	36	231	361	14	—	643	21	418	1,326
Delayed and Fluid Coking .....	24	376	531	20	—	952	64	459	1,842
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.81	1.66	1.42	1.75	1.11	1.47	1.49	1.35	1.36
API Gravity, Weighted Average (degrees) .....	36.45	29.13	29.70	29.60	36.79	30.09	33.11	27.93	30.77
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,096</b>	<b>17,705</b>
Operating .....	658	3,964	3,496	235	126	8,479	624	2,948	16,904
Idle .....	—	96	55	—	17	167	—	148	801
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>16,639</b>	<b>16,639</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 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
<b>Crude Oil</b> .....	27,621	2,484	30,105	66,250	12,787	21,422	100,459
<b>Natural Gas Plant Liquids</b> .....	292	-	292	1,586	192	821	2,599
Pentanes Plus .....	-	-	-	173	111	390	674
Liquefied Petroleum Gases .....	292	-	292	1,413	81	431	1,925
Normal Butane .....	40	-	40	308	70	32	410
Isobutane .....	252	-	252	1,105	11	399	1,515
<b>Other Liquids</b> .....	-7,550	-42	-7,592	-27,103	-4,125	444	-30,784
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	212	85	297	611	142	230	983
Hydrogen .....	29	19	48	401	83	157	641
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	183	66	249	165	59	73	297
Fuel Ethanol .....	183	60	243	165	53	73	291
Renewable Diesel Fuel .....	-	6	6	-	6	-	6
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	45	-	-	45
Unfinished Oils (net) .....	2,819	-34	2,785	-506	-258	237	-527
Naphthas and Lighter .....	198	-13	185	-182	-32	133	-81
Kerosene and Light Gas Oils .....	-121	-	-121	-505	-133	678	40
Heavy Gas Oils .....	1,472	-22	1,450	759	-93	134	800
Residuum .....	1,270	1	1,271	-578	-	-708	-1,286
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-10,581	-93	-10,674	-27,208	-4,031	-23	-31,262
Reformulated - RBOB .....	-8,465	-	-8,465	-7,671	-356	-	-8,027
Conventional .....	-2,116	-93	-2,209	-19,537	-3,675	-23	-23,235
CBOB .....	-2,163	-100	-2,263	-20,134	-3,008	-23	-23,165
GTAB .....	-	-	-	-	-	-	-
Other .....	47	7	54	597	-667	0	-70
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	22	-	22
<b>Total Input to Refineries</b> .....	<b>20,363</b>	<b>2,442</b>	<b>22,805</b>	<b>40,733</b>	<b>8,854</b>	<b>22,687</b>	<b>72,274</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	884	80	965	2,149	414	713	3,275
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	58.1	84.7	59.6	88.3	96.6	82.9	88.0
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	177	14	191	397	62	152	611
Catalytic Cracking .....	389	12	401	706	112	178	996
Catalytic Hydrocracking .....	22	-	22	121	38	37	196
Delayed and Fluid Coking .....	24	-	24	208	57	80	344
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.59	1.63	0.67	1.28	2.39	0.94	1.34
API Gravity, Weighted Average (degrees) .....	34.63	32.43	34.45	33.09	27.72	35.49	32.93
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,180	95	1,275	2,372	428	848	3,648
Idle .....	343	-	343	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 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			
<b>Crude Oil</b> .....	<b>18,762</b>	<b>99,766</b>	<b>98,022</b>	<b>7,028</b>	<b>3,126</b>	<b>226,704</b>	<b>16,534</b>	<b>74,186</b>	<b>447,988</b>
<b>Natural Gas Plant Liquids</b> .....	<b>613</b>	<b>3,963</b>	<b>3,560</b>	<b>41</b>	<b>162</b>	<b>8,339</b>	<b>435</b>	<b>1,782</b>	<b>13,447</b>
Pentanes Plus .....	247	1,423	1,834	29	14	3,547	128	652	5,001
Liquefied Petroleum Gases .....	366	2,540	1,726	12	148	4,792	307	1,130	8,446
Normal Butane .....	203	955	600	—	5	1,763	98	595	2,906
Isobutane .....	163	1,585	1,126	12	143	3,029	209	535	5,540
<b>Other Liquids</b> .....	<b>-3,862</b>	<b>-22,623</b>	<b>-28,070</b>	<b>102</b>	<b>-384</b>	<b>-54,837</b>	<b>-888</b>	<b>-26,684</b>	<b>-120,785</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	167	1,838	1,276	188	84	3,553	419	1,555	6,807
Hydrogen .....	31	1,694	1,171	179	36	3,111	178	1,414	5,392
Oxygenates (excluding Fuel Ethanol) .....	—	92	—	—	—	92	—	—	92
Methyl Tertiary Butyl Ether (MTBE) .....	—	92	—	—	—	92	—	—	92
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	136	52	105	9	48	350	241	141	1,278
Fuel Ethanol .....	136	52	105	9	48	350	241	139	1,264
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	2	14
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	45
Unfinished Oils (net) .....	616	6,580	3,674	95	119	11,084	-542	1,566	14,366
Naphthas and Lighter .....	178	73	-703	3	83	-366	-182	379	-65
Kerosene and Light Gas Oils .....	246	-417	2,034	3	-7	1,859	-134	-1,054	590
Heavy Gas Oils .....	132	4,585	371	167	43	5,298	-150	2,061	9,459
Residuum .....	60	2,339	1,972	-78	—	4,293	-76	180	4,382
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-4,646	-31,041	-33,020	-181	-587	-69,475	-765	-29,805	-141,981
Reformulated - RBOB .....	-619	-13,853	-2,495	—	-566	-17,533	—	-26,177	-60,202
Conventional .....	-4,027	-17,188	-30,525	-181	-21	-51,942	-765	-3,628	-81,779
CBOB .....	-3,601	-14,378	-29,108	-121	-26	-47,234	-802	-3,849	-77,313
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	-426	-2,810	-1,417	-60	5	-4,708	37	221	-4,466
Aviation Gasoline Blend. Comp. (net) .....	1	—	—	—	—	1	—	—	23
<b>Total Input to Refineries</b> .....	<b>15,513</b>	<b>81,106</b>	<b>73,512</b>	<b>7,171</b>	<b>2,904</b>	<b>180,206</b>	<b>16,081</b>	<b>49,284</b>	<b>340,650</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	619	3,322	3,311	207	101	7,560	536	2,628	14,963
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	94.0	81.8	93.2	88.3	70.6	87.4	85.9	84.0	84.4
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	120	567	510	28	22	1,246	94	403	2,545
Catalytic Cracking .....	171	1,249	947	19	23	2,410	145	713	4,665
Catalytic Hydrocracking .....	45	296	352	18	—	711	19	427	1,375
Delayed and Fluid Coking .....	24	487	543	21	—	1,075	67	469	1,980
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.76	1.72	1.33	1.75	1.50	1.47	1.46	1.34	1.37
API Gravity, Weighted Average (degrees) .....	36.95	29.36	30.51	29.53	34.15	30.53	32.86	27.54	30.90
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,128</b>	<b>17,736</b>
Operating .....	658	4,022	3,496	235	126	8,537	624	2,948	17,032
Idle .....	—	37	55	—	17	109	—	179	704
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>17,935</b>	<b>17,935</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 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
<b>Crude Oil</b> .....	<b>26,607</b>	<b>1,237</b>	<b>27,844</b>	<b>65,516</b>	<b>11,369</b>	<b>20,330</b>	<b>97,215</b>
<b>Natural Gas Plant Liquids</b> .....	<b>253</b>	<b>-</b>	<b>253</b>	<b>1,443</b>	<b>67</b>	<b>947</b>	<b>2,457</b>
Pentanes Plus .....	-	-	-	523	-	553	1,076
Liquefied Petroleum Gases .....	253	-	253	920	67	394	1,381
Normal Butane .....	22	-	22	13	14	17	44
Isobutane .....	231	-	231	907	53	377	1,337
<b>Other Liquids</b> .....	<b>-6,051</b>	<b>245</b>	<b>-5,806</b>	<b>-25,413</b>	<b>-3,593</b>	<b>420</b>	<b>-28,586</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	211	64	275	636	129	208	973
Hydrogen .....	32	4	36	432	71	131	634
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	179	60	239	151	58	77	286
Fuel Ethanol .....	179	55	234	151	52	77	280
Renewable Diesel Fuel .....	-	5	5	-	6	-	6
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	53	-	-	53
Unfinished Oils (net) .....	2,458	-113	2,345	305	-192	108	221
Naphthas and Lighter .....	17	-77	-60	102	24	132	258
Kerosene and Light Gas Oils .....	75	-	75	-335	-119	403	-51
Heavy Gas Oils .....	450	-32	418	719	-96	14	637
Residuum .....	1,916	-4	1,912	-181	-1	-441	-623
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-8,720	294	-8,426	-26,354	-3,530	104	-29,780
Reformulated - RBOB .....	-6,628	-	-6,628	-8,047	-540	-	-8,587
Conventional .....	-2,092	294	-1,798	-18,307	-2,990	104	-21,193
CBOB .....	-1,955	301	-1,654	-19,133	-2,815	31	-21,917
GTAB .....	-	-	-	-	-	-	-
Other .....	-137	-7	-144	826	-175	73	724
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>20,809</b>	<b>1,482</b>	<b>22,291</b>	<b>41,546</b>	<b>7,843</b>	<b>21,697</b>	<b>71,086</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	912	41	953	2,190	380	692	3,262
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	59.9	43.4	58.9	90.0	88.7	80.5	87.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	168	8	176	396	55	157	609
Catalytic Cracking .....	380	5	385	721	117	175	1,013
Catalytic Hydrocracking .....	16	-	16	136	38	46	220
Delayed and Fluid Coking .....	21	-	21	215	51	84	350
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.66	1.20	0.69	1.47	2.26	0.87	1.43
API Gravity, Weighted Average (degrees) .....	33.86	35.11	33.92	33.43	27.89	35.80	33.29
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,166	95	1,261	2,372	428	848	3,648
Idle .....	357	-	357	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 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			
<b>Crude Oil</b> .....	<b>18,479</b>	<b>98,507</b>	<b>91,184</b>	<b>6,510</b>	<b>3,098</b>	<b>217,778</b>	<b>14,818</b>	<b>69,262</b>	<b>426,917</b>
<b>Natural Gas Plant Liquids</b> .....	<b>554</b>	<b>3,682</b>	<b>3,462</b>	<b>43</b>	<b>143</b>	<b>7,884</b>	<b>395</b>	<b>1,851</b>	<b>12,840</b>
Pentanes Plus .....	222	1,305	1,826	30	—	3,383	119	680	5,258
Liquefied Petroleum Gases .....	332	2,377	1,636	13	143	4,501	276	1,171	7,582
Normal Butane .....	175	887	356	—	—	1,418	88	586	2,158
Isobutane .....	157	1,490	1,280	13	143	3,083	188	585	5,424
<b>Other Liquids</b> .....	<b>-3,039</b>	<b>-25,228</b>	<b>-24,967</b>	<b>-40</b>	<b>-457</b>	<b>-53,731</b>	<b>-773</b>	<b>-25,555</b>	<b>-114,451</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	169	1,864	1,261	177	80	3,551	424	1,508	6,731
Hydrogen .....	33	1,764	1,154	167	35	3,153	165	1,370	5,358
Oxygenates (excluding Fuel Ethanol) .....	—	52	—	—	—	52	—	—	52
Methyl Tertiary Butyl Ether (MTBE) .....	—	52	—	—	—	52	—	—	52
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	136	48	107	10	45	346	259	138	1,268
Fuel Ethanol .....	136	48	107	10	45	346	259	136	1,255
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	2	13
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	53
Unfinished Oils (net) .....	95	7,205	7,333	19	90	14,742	-453	697	17,552
Naphthas and Lighter .....	203	40	-130	-29	31	115	-149	-441	-277
Kerosene and Light Gas Oils .....	43	-1,612	1,827	34	-3	289	-181	290	422
Heavy Gas Oils .....	70	7,365	2,625	74	62	10,196	-57	844	12,038
Residuum .....	-221	1,412	3,011	-60	—	4,142	-66	4	5,369
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,300	-34,297	-33,561	-236	-627	-72,021	-744	-27,760	-138,731
Reformulated - RBOB .....	153	-14,591	-3,044	—	-570	-18,052	—	-26,350	-59,617
Conventional .....	-3,453	-19,706	-30,517	-236	-57	-53,969	-744	-1,410	-79,114
CBOB .....	-3,600	-17,446	-28,739	-232	-28	-50,045	-862	-3,152	-77,630
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	147	-2,260	-1,778	-4	-29	-3,924	118	1,742	-1,484
Aviation Gasoline Blend. Comp. (net) .....	-3	—	—	—	—	-3	—	—	-3
<b>Total Input to Refineries</b> .....	<b>15,994</b>	<b>76,961</b>	<b>69,679</b>	<b>6,513</b>	<b>2,784</b>	<b>171,931</b>	<b>14,440</b>	<b>45,558</b>	<b>325,306</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	625	3,359	3,188	191	103	7,465	495	2,534	14,710
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,096	17,705
Operable Utilization Rate (percent) <sup>2</sup> .....	95.0	82.8	89.8	81.3	72.2	86.3	79.3	81.9	83.1
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	122	568	535	29	20	1,273	84	377	2,519
Catalytic Cracking .....	170	1,274	1,045	16	26	2,531	133	676	4,737
Catalytic Hydrocracking .....	26	330	353	16	—	725	19	428	1,408
Delayed and Fluid Coking .....	31	560	544	13	—	1,148	66	419	2,004
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.88	1.79	1.41	1.54	1.62	1.54	1.42	1.31	1.42
API Gravity, Weighted Average (degrees) .....	36.10	28.36	30.22	30.99	33.24	29.95	33.30	27.56	30.71
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,096</b>	<b>17,705</b>
Operating .....	658	3,964	3,496	235	126	8,479	624	2,995	17,006
Idle .....	—	96	55	—	17	167	—	101	699
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>17,064</b>	<b>17,064</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."



**Table 18. 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
<b>Crude Oil</b> .....	32,589	3,018	35,607	66,643	12,795	23,150	102,588
<b>Natural Gas Plant Liquids</b> .....	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
<b>Other Liquids</b> .....	-9,605	-1	-9,606	-27,247	-3,322	-144	-30,713
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	221	105	326	669	144	237	1,050
Hydrogen .....	32	4	36	435	81	157	673
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	189	101	290	209	63	80	352
Fuel Ethanol .....	189	86	275	209	55	76	340
Renewable Diesel Fuel .....	-	15	15	-	8	4	12
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	25	-	-	25
Unfinished Oils (net) .....	3,119	-34	3,085	-844	179	-8	-673
Naphthas and Lighter .....	480	22	502	42	37	-256	-177
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	-3,644	-373	-31,089
Reformulated - RBOB .....	-10,693	-	-10,693	-7,168	-395	-	-7,563
Conventional .....	-2,252	-72	-2,324	-19,904	-3,249	-373	-23,526
CBOB .....	-3,087	-57	-3,144	-19,935	-3,375	-53	-23,363
GTAB .....	53	-	53	-	-	-	-
Other .....	782	-15	767	31	126	-320	-163
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-1	-	-1
<b>Total Input to Refineries</b> .....	<b>23,438</b>	<b>3,017</b>	<b>26,455</b>	<b>40,729</b>	<b>9,612</b>	<b>23,894</b>	<b>74,235</b>
<b>Atmospheric Crude Oil Distillation</b>							
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) <sup>2</sup> .....	69.3	102.6	71.2	88.6	96.7	88.3	89.5
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	178	17	195	386	68	157	611
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
<b>Crude Oil Qualities</b>							
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
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,110	95	1,205	2,372	428	848	3,648
Idle .....	413	-	413	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 18. 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			
<b>Crude Oil</b> .....	<b>19,704</b>	<b>104,921</b>	<b>96,976</b>	<b>6,377</b>	<b>3,332</b>	<b>231,310</b>	<b>17,564</b>	<b>69,183</b>	<b>456,252</b>
<b>Natural Gas Plant Liquids</b> .....	<b>592</b>	<b>3,948</b>	<b>3,451</b>	<b>85</b>	<b>161</b>	<b>8,237</b>	<b>416</b>	<b>1,675</b>	<b>13,142</b>
Pentanes Plus .....	248	1,446	1,753	64	—	3,511	122	622	5,412
Liquefied Petroleum Gases .....	344	2,502	1,698	21	161	4,726	294	1,053	7,730
Normal Butane .....	180	883	265	—	—	1,328	97	505	1,956
Isobutane .....	164	1,619	1,433	21	161	3,398	197	548	5,774
<b>Other Liquids</b> .....	<b>-3,811</b>	<b>-23,577</b>	<b>-27,775</b>	<b>59</b>	<b>-591</b>	<b>-55,695</b>	<b>-333</b>	<b>-25,569</b>	<b>-121,916</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	148	2,066	1,425	184	80	3,903	461	1,397	7,137
Hydrogen .....	33	1,860	1,312	172	35	3,412	206	1,254	5,581
Oxygenates (excluding Fuel Ethanol) .....	—	156	—	—	—	156	—	—	156
Methyl Tertiary Butyl Ether (MTBE) .....	—	156	—	—	—	156	—	—	156
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	115	50	113	12	45	335	255	143	1,375
Fuel Ethanol .....	115	50	113	12	45	335	255	140	1,345
Renewable Diesel Fuel .....	—	—	—	—	—	—	—	3	30
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	25
Unfinished Oils (net) .....	161	11,550	7,352	168	38	19,269	368	2,617	24,666
Naphthas and Lighter .....	80	679	-190	67	54	690	201	269	1,485
Kerosene and Light Gas Oils .....	-74	-343	1,814	-3	-15	1,379	-129	-36	1,703
Heavy Gas Oils .....	330	9,660	2,145	115	-1	12,249	356	2,426	16,382
Residuum .....	-175	1,554	3,583	-11	—	4,951	-60	-42	5,096
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-4,123	-37,193	-36,552	-293	-709	-78,870	-1,162	-29,583	-153,721
Reformulated - RBOB .....	-273	-16,425	-3,258	—	-751	-20,707	—	-26,207	-65,170
Conventional .....	-3,850	-20,768	-33,294	-293	42	-58,163	-1,162	-3,376	-88,551
CBOB .....	-3,294	-18,868	-31,085	-236	23	-53,460	-1,066	-4,692	-85,725
GTAB .....	—	—	—	—	—	—	—	—	53
Other .....	-556	-1,900	-2,209	-57	19	-4,703	-96	1,316	-2,879
Aviation Gasoline Blend. Comp. (net) .....	3	—	—	—	—	3	—	—	2
<b>Total Input to Refineries</b> .....	<b>16,485</b>	<b>85,292</b>	<b>72,652</b>	<b>6,521</b>	<b>2,902</b>	<b>183,852</b>	<b>17,647</b>	<b>45,289</b>	<b>347,478</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	583	3,478	3,288	185	107	7,641	562	2,444	15,129
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,096	17,705
Operable Utilization Rate (percent) <sup>2</sup> .....	88.6	85.7	92.6	79.0	75.2	88.4	90.1	78.9	85.5
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	124	582	545	29	19	1,299	106	338	2,549
Catalytic Cracking .....	161	1,340	1,095	15	33	2,644	167	728	5,027
Catalytic Hydrocracking .....	45	329	365	16	—	755	18	400	1,421
Delayed and Fluid Coking .....	30	573	580	20	—	1,203	75	378	1,998
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.89	1.73	1.46	1.76	1.61	1.55	1.43	1.31	1.38
API Gravity, Weighted Average (degrees) .....	36.07	28.75	29.89	29.46	33.70	29.94	33.69	27.76	30.89
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,096</b>	<b>17,705</b>
Operating .....	658	4,059	3,496	235	126	8,574	624	3,001	17,052
Idle .....	—	—	55	—	17	72	—	95	653
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>15,547</b>	<b>15,547</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 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
<b>Crude Oil</b> .....	<b>30,611</b>	<b>2,890</b>	<b>33,501</b>	<b>66,646</b>	<b>13,686</b>	<b>23,733</b>	<b>104,065</b>
<b>Natural Gas Plant Liquids</b> .....	<b>513</b>	<b>-</b>	<b>513</b>	<b>1,529</b>	<b>168</b>	<b>750</b>	<b>2,447</b>
Pentanes Plus .....	-	-	-	669	121	418	1,208
Liquefied Petroleum Gases .....	513	-	513	860	47	332	1,239
Normal Butane .....	-	-	-	8	-	2	10
Isobutane .....	513	-	513	852	47	330	1,229
<b>Other Liquids</b> .....	<b>-7,706</b>	<b>108</b>	<b>-7,598</b>	<b>-26,051</b>	<b>-3,478</b>	<b>525</b>	<b>-29,004</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	194	124	318	535	149	245	929
Hydrogen .....	25	16	41	331	80	160	571
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	169	108	277	186	69	85	340
Fuel Ethanol .....	169	93	262	186	61	80	327
Renewable Diesel Fuel .....	-	15	15	-	8	5	13
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	18	-	-	18
Unfinished Oils (net) .....	4,700	-65	4,635	4	-9	287	282
Naphthas and Lighter .....	357	-5	352	867	-48	225	1,044
Kerosene and Light Gas Oils .....	-301	-	-301	-483	-27	333	-177
Heavy Gas Oils .....	3,257	-58	3,199	-7	68	54	115
Residuum .....	1,387	-2	1,385	-373	-2	-325	-700
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-12,600	49	-12,551	-26,590	-3,620	-7	-30,217
Reformulated - RBOB .....	-10,362	-	-10,362	-7,597	-446	-	-8,043
Conventional .....	-2,238	49	-2,189	-18,993	-3,174	-7	-22,174
CBOB .....	-2,214	18	-2,196	-19,585	-3,269	16	-22,838
GTAB .....	24	-	24	-	-	-	-
Other .....	-48	31	-17	592	95	-23	664
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	2	-	2
<b>Total Input to Refineries</b> .....	<b>23,418</b>	<b>2,998</b>	<b>26,416</b>	<b>42,124</b>	<b>10,376</b>	<b>25,008</b>	<b>77,508</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,023	97	1,120	2,229	457	799	3,485
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	67.2	101.6	69.2	91.6	106.7	92.9	93.6
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	175	17	191	452	77	176	705
Catalytic Cracking .....	545	16	561	694	125	194	1,012
Catalytic Hydrocracking .....	18	-	18	137	41	51	229
Delayed and Fluid Coking .....	22	-	22	219	63	88	370
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.64	1.39	0.70	1.29	2.21	0.93	1.33
API Gravity, Weighted Average (degrees) .....	33.95	33.75	33.94	33.53	29.49	36.18	33.61
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,180	95	1,275	2,372	428	848	3,648
Idle .....	343	-	343	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 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			
<b>Crude Oil</b> .....	<b>18,709</b>	<b>108,998</b>	<b>92,573</b>	<b>6,539</b>	<b>3,374</b>	<b>230,193</b>	<b>17,287</b>	<b>73,779</b>	<b>458,825</b>
<b>Natural Gas Plant Liquids</b> .....	<b>562</b>	<b>3,772</b>	<b>3,698</b>	<b>102</b>	<b>145</b>	<b>8,279</b>	<b>427</b>	<b>1,534</b>	<b>13,200</b>
Pentanes Plus .....	226	1,380	1,975	88	—	3,669	104	500	5,481
Liquefied Petroleum Gases .....	336	2,392	1,723	14	145	4,610	323	1,034	7,719
Normal Butane .....	141	813	128	—	—	1,082	101	455	1,648
Isobutane .....	195	1,579	1,595	14	145	3,528	222	579	6,071
<b>Other Liquids</b> .....	<b>-3,699</b>	<b>-27,979</b>	<b>-28,453</b>	<b>-68</b>	<b>-585</b>	<b>-60,784</b>	<b>-593</b>	<b>-25,892</b>	<b>-123,871</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	141	1,914	1,317	188	79	3,639	476	1,453	6,815
Hydrogen .....	31	1,762	1,204	178	35	3,210	202	1,300	5,324
Oxygenates (excluding Fuel Ethanol) .....	—	103	—	—	—	103	—	—	103
Methyl Tertiary Butyl Ether (MTBE) .....	—	103	—	—	—	103	—	—	103
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	110	49	113	10	44	326	274	153	1,370
Fuel Ethanol .....	100	49	113	10	44	316	274	150	1,329
Renewable Diesel Fuel .....	10	—	—	—	—	10	—	3	41
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	18
Unfinished Oils (net) .....	-23	6,060	6,950	64	-7	13,044	189	3,213	21,363
Naphthas and Lighter .....	-208	-468	151	-42	-13	-580	76	-234	658
Kerosene and Light Gas Oils .....	69	-1,373	-620	-4	-9	-1,937	-201	291	-2,325
Heavy Gas Oils .....	138	5,571	4,557	184	15	10,465	311	2,926	17,016
Residuum .....	-22	2,330	2,862	-74	—	5,096	3	230	6,014
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,815	-35,953	-36,720	-320	-657	-77,465	-1,258	-30,558	-152,049
Reformulated - RBOB .....	-248	-16,641	-4,646	—	-667	-22,202	—	-26,523	-67,130
Conventional .....	-3,567	-19,312	-32,074	-320	10	-55,263	-1,258	-4,035	-84,919
CBOB .....	-3,253	-17,960	-30,374	-293	15	-51,865	-1,121	-4,954	-82,974
GTAB .....	—	—	—	—	—	—	—	—	24
Other .....	-314	-1,352	-1,700	-27	-5	-3,398	-137	919	-1,969
Aviation Gasoline Blend. Comp. (net) .....	-2	—	—	—	—	-2	—	—	0
<b>Total Input to Refineries</b> .....	<b>15,572</b>	<b>84,791</b>	<b>67,818</b>	<b>6,573</b>	<b>2,934</b>	<b>177,688</b>	<b>17,121</b>	<b>49,421</b>	<b>348,154</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	631	3,741	3,255	195	112	7,935	579	2,659	15,778
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	96.0	92.2	91.7	83.1	78.7	91.8	92.9	85.0	89.0
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	131	620	514	32	23	1,321	106	406	2,730
Catalytic Cracking .....	177	1,323	1,110	16	32	2,658	173	768	5,173
Catalytic Hydrocracking .....	49	359	359	18	—	785	17	472	1,520
Delayed and Fluid Coking .....	31	634	529	23	—	1,218	63	469	2,141
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.84	1.74	1.49	1.66	1.21	1.56	1.39	1.43	1.42
API Gravity, Weighted Average (degrees) .....	36.17	28.19	30.83	29.21	35.29	30.02	32.85	28.09	30.91
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,128</b>	<b>17,736</b>
Operating .....	658	4,059	3,496	235	126	8,574	624	3,001	17,122
Idle .....	—	—	55	—	17	72	—	126	614
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>16,185</b>	<b>16,185</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. 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
<b>Crude Oil</b> .....	<b>36,916</b>	<b>2,941</b>	<b>39,857</b>	<b>68,535</b>	<b>14,342</b>	<b>24,933</b>	<b>107,810</b>
<b>Natural Gas Plant Liquids</b> .....	<b>448</b>	<b>-</b>	<b>448</b>	<b>1,798</b>	<b>118</b>	<b>770</b>	<b>2,686</b>
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
<b>Other Liquids</b> .....	<b>-11,564</b>	<b>69</b>	<b>-11,495</b>	<b>-26,445</b>	<b>-3,868</b>	<b>597</b>	<b>-29,716</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	196	122	318	570	141	254	965
Hydrogen .....	30	17	47	335	82	161	578
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	166	105	271	179	59	93	331
Fuel Ethanol .....	166	89	255	177	53	88	318
Renewable Diesel Fuel .....	-	16	16	2	6	5	13
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	56	-	-	56
Unfinished Oils (net) .....	3,088	-63	3,025	1,126	-175	297	1,248
Naphthas and Lighter .....	222	-15	207	1,940	14	154	2,108
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	-437	-	-8,099
Conventional .....	-3,188	10	-3,178	-20,479	-3,396	46	-23,829
CBOB .....	-3,100	5	-3,095	-20,716	-3,412	-15	-24,143
GTAB .....	27	-	27	-	-	-	-
Other .....	-115	5	-110	237	16	61	314
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-1	-	-1
<b>Total Input to Refineries</b> .....	<b>25,800</b>	<b>3,010</b>	<b>28,810</b>	<b>43,888</b>	<b>10,592</b>	<b>26,300</b>	<b>80,780</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,194	95	1,289	2,205	463	813	3,481
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	78.4	100.1	79.7	90.6	108.2	94.6	93.6
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	193	16	209	463	74	172	709
Catalytic Cracking .....	543	16	559	730	124	194	1,048
Catalytic Hydrocracking .....	18	-	18	110	36	53	200
Delayed and Fluid Coking .....	42	-	42	210	67	88	365
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.75	1.51	0.80	1.38	2.28	0.89	1.39
API Gravity, Weighted Average (degrees) .....	33.03	32.89	33.02	33.44	28.23	36.60	33.47
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,362	95	1,457	2,372	428	848	3,648
Idle .....	160	-	160	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. 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			
<b>Crude Oil</b> .....	<b>18,230</b>	<b>114,650</b>	<b>94,846</b>	<b>7,165</b>	<b>3,449</b>	<b>238,340</b>	<b>16,945</b>	<b>80,319</b>	<b>483,271</b>
<b>Natural Gas Plant Liquids</b> .....	<b>536</b>	<b>4,259</b>	<b>3,040</b>	<b>35</b>	<b>155</b>	<b>8,025</b>	<b>443</b>	<b>1,178</b>	<b>12,780</b>
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
<b>Other Liquids</b> .....	<b>-3,569</b>	<b>-30,650</b>	<b>-30,171</b>	<b>-229</b>	<b>-491</b>	<b>-65,110</b>	<b>-647</b>	<b>-28,320</b>	<b>-135,288</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	167	1,988	1,243	191	86	3,675	502	1,498	6,958
Hydrogen .....	31	1,873	1,133	180	34	3,251	207	1,346	5,429
Oxygenates (excluding Fuel Ethanol) .....	—	64	—	—	—	64	—	—	64
Methyl Tertiary Butyl Ether (MTBE) .....	—	64	—	—	—	64	—	—	64
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	136	51	110	11	52	360	295	152	1,409
Fuel Ethanol .....	114	51	110	11	52	338	295	149	1,355
Renewable Diesel Fuel .....	22	—	—	—	—	22	—	3	54
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	56
Unfinished Oils (net) .....	202	8,044	6,510	-84	84	14,756	279	3,231	22,539
Naphthas and Lighter .....	-317	-563	481	-113	71	-441	71	-296	1,649
Kerosene and Light Gas Oils .....	48	-1,177	-58	-15	24	-1,178	-60	352	-799
Heavy Gas Oils .....	555	8,664	2,225	109	-11	11,542	231	2,750	16,548
Residuum .....	-84	1,120	3,862	-65	—	4,833	37	425	5,141
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,942	-40,682	-37,924	-336	-661	-83,545	-1,428	-33,049	-164,788
Reformulated - RBOB .....	-287	-17,606	-4,968	—	-686	-23,547	—	-27,049	-70,355
Conventional .....	-3,655	-23,076	-32,956	-336	25	-59,998	-1,428	-6,000	-94,433
CBOB .....	-3,330	-21,361	-30,250	-311	12	-55,240	-1,519	-5,709	-89,706
GTAB .....	—	—	—	—	—	—	—	—	27
Other .....	-325	-1,715	-2,706	-25	13	-4,758	91	-291	-4,754
Aviation Gasoline Blend. Comp. (net) .....	4	—	—	—	—	4	—	—	3
<b>Total Input to Refineries</b> .....	<b>15,197</b>	<b>88,259</b>	<b>67,715</b>	<b>6,971</b>	<b>3,113</b>	<b>181,255</b>	<b>16,741</b>	<b>53,177</b>	<b>360,763</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	600	3,742	3,233	211	111	7,897	549	2,785	16,001
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	91.2	92.2	91.0	89.9	77.9	91.3	88.0	89.1	90.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	124	590	504	32	21	1,271	99	431	2,719
Catalytic Cracking .....	170	1,419	1,034	18	34	2,674	158	767	5,206
Catalytic Hydrocracking .....	49	351	321	17	—	740	20	527	1,505
Delayed and Fluid Coking .....	33	641	549	21	—	1,243	65	513	2,228
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.79	1.87	1.49	1.62	1.93	1.63	1.34	1.41	1.46
API Gravity, Weighted Average (degrees) .....	36.11	28.35	30.48	29.90	30.93	29.86	33.36	27.36	30.63
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,128</b>	<b>17,736</b>
Operating .....	658	4,001	3,496	235	126	8,516	624	3,001	17,246
Idle .....	—	59	55	—	17	130	—	126	491
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>16,517</b>	<b>16,517</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. 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
<b>Crude Oil</b> .....	34,957	2,968	37,925	66,435	14,149	23,578	104,162
<b>Natural Gas Plant Liquids</b> .....	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
<b>Other Liquids</b> .....	-9,893	132	-9,761	-25,522	-3,647	15	-29,154
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 <sup>1</sup> .....	-	-	-	-	-	-	-
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	0	-127	646
Naphthas and Lighter .....	496	-2	494	1,128	7	-54	1,081
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	-3,805	-88	-30,807
Reformulated - RBOB .....	-10,467	-	-10,467	-7,755	-434	-	-8,189
Conventional .....	-2,993	33	-2,960	-19,159	-3,371	-88	-22,618
CBOB .....	-2,638	14	-2,624	-19,498	-3,483	16	-22,965
GTAB .....	-	-	-	-	-	-	-
Other .....	-355	19	-336	339	112	-104	347
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	1	-	1
<b>Total Input to Refineries</b> .....	<b>25,517</b>	<b>3,100</b>	<b>28,617</b>	<b>42,590</b>	<b>10,597</b>	<b>24,345</b>	<b>77,532</b>
<b>Atmospheric Crude Oil Distillation</b>							
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) <sup>2</sup> .....	74.3	101.1	75.9	88.1	106.8	89.9	90.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
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
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.62	1.71	0.71	1.37	2.31	0.90	1.39
API Gravity, Weighted Average (degrees) .....	33.31	32.33	33.23	33.05	28.00	35.99	33.02
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,362	95	1,457	2,372	428	848	3,648
Idle .....	160	-	160	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 18. 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			
<b>Crude Oil</b> .....	<b>19,384</b>	<b>116,690</b>	<b>98,411</b>	<b>6,795</b>	<b>3,631</b>	<b>244,911</b>	<b>17,076</b>	<b>78,165</b>	<b>482,239</b>
<b>Natural Gas Plant Liquids</b> .....	<b>390</b>	<b>4,118</b>	<b>3,556</b>	<b>73</b>	<b>151</b>	<b>8,288</b>	<b>458</b>	<b>1,547</b>	<b>13,270</b>
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
<b>Other Liquids</b> .....	<b>-3,457</b>	<b>-31,889</b>	<b>-29,767</b>	<b>-301</b>	<b>-640</b>	<b>-66,054</b>	<b>-1,100</b>	<b>-26,415</b>	<b>-132,484</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	165	2,111	1,451	152	89	3,968	506	1,604	7,422
Hydrogen .....	34	1,939	1,342	141	36	3,492	221	1,448	5,853
Oxygenates (excluding Fuel Ethanol) .....	—	122	—	—	—	122	—	—	122
Methyl Tertiary Butyl Ether (MTBE) .....	—	122	—	—	—	122	—	—	122
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	131	50	109	11	53	354	285	156	1,396
Fuel Ethanol .....	108	50	109	11	53	331	285	152	1,322
Renewable Diesel Fuel .....	23	—	—	—	—	23	—	4	74
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	51
Unfinished Oils (net) .....	345	4,655	7,502	-100	14	12,416	-230	2,770	18,930
Naphthas and Lighter .....	148	-1,490	-332	22	-2	-1,654	-153	44	-188
Kerosene and Light Gas Oils .....	181	-2,238	-940	-67	4	-3,060	-220	3	-3,299
Heavy Gas Oils .....	72	7,403	4,167	-42	12	11,612	341	2,635	16,589
Residuum .....	-56	980	4,607	-13	—	5,518	-198	88	5,828
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,967	-38,655	-38,720	-353	-743	-82,438	-1,376	-30,789	-158,837
Reformulated - RBOB .....	-237	-15,284	-4,599	—	-731	-20,851	—	-25,496	-65,003
Conventional .....	-3,730	-23,371	-34,121	-353	-12	-61,587	-1,376	-5,293	-93,834
CBOB .....	-3,229	-21,434	-31,363	-289	16	-56,299	-1,433	-5,297	-88,618
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	-501	-1,937	-2,758	-64	-28	-5,288	57	4	-5,216
Aviation Gasoline Blend. Comp. (net) .....	0	—	—	—	—	0	—	—	1
<b>Total Input to Refineries</b> .....	<b>16,317</b>	<b>88,919</b>	<b>72,200</b>	<b>6,567</b>	<b>3,142</b>	<b>187,145</b>	<b>16,434</b>	<b>53,297</b>	<b>363,025</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	630	3,785	3,370	213	117	8,116	554	2,737	16,009
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	95.8	93.3	94.9	90.6	82.0	93.9	88.8	87.5	90.3
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	132	569	518	30	21	1,271	96	418	2,646
Catalytic Cracking .....	171	1,400	1,129	19	34	2,752	162	754	5,226
Catalytic Hydrocracking .....	48	379	374	8	—	809	21	523	1,609
Delayed and Fluid Coking .....	29	617	574	8	—	1,228	65	487	2,187
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.79	1.76	1.50	1.55	1.61	1.57	1.30	1.37	1.42
API Gravity, Weighted Average (degrees) .....	35.89	29.14	30.30	29.93	33.02	30.22	32.64	27.08	30.63
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,128</b>	<b>17,736</b>
Operating .....	658	3,864	3,496	235	126	8,379	624	3,001	17,109
Idle .....	—	195	55	—	17	267	—	126	627
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>16,643</b>	<b>16,643</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."



**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 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
<b>Crude Oil</b> .....	<b>34,242</b>	<b>2,861</b>	<b>37,103</b>	<b>67,477</b>	<b>12,584</b>	<b>23,714</b>	<b>103,775</b>
<b>Natural Gas Plant Liquids</b> .....	<b>338</b>	<b>-</b>	<b>338</b>	<b>1,845</b>	<b>79</b>	<b>680</b>	<b>2,604</b>
Pentanes Plus .....	-	-	-	727	6	303	1,036
Liquefied Petroleum Gases .....	338	-	338	1,118	73	377	1,568
Normal Butane .....	47	-	47	153	20	-	173
Isobutane .....	291	-	291	965	53	377	1,395
<b>Other Liquids</b> .....	<b>-11,532</b>	<b>51</b>	<b>-11,481</b>	<b>-26,030</b>	<b>-3,515</b>	<b>-610</b>	<b>-30,155</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	200	115	315	603	124	209	936
Hydrogen .....	30	17	47	364	65	114	543
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	170	98	268	193	59	95	347
Fuel Ethanol .....	170	82	252	168	54	90	312
Renewable Diesel Fuel .....	-	16	16	25	5	5	35
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	46	-	-	46
Unfinished Oils (net) .....	1,869	-60	1,809	1,218	-237	-631	350
Naphthas and Lighter .....	560	3	563	1,701	-19	-220	1,462
Kerosene and Light Gas Oils .....	-557	-	-557	-356	25	122	-209
Heavy Gas Oils .....	728	-63	665	203	-242	-168	-207
Residuum .....	1,138	0	1,138	-330	-1	-365	-696
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-13,601	-4	-13,605	-27,851	-3,401	-188	-31,440
Reformulated - RBOB .....	-11,050	-	-11,050	-8,145	-283	-	-8,428
Conventional .....	-2,551	-4	-2,555	-19,706	-3,118	-188	-23,012
CBOB .....	-2,241	-16	-2,257	-19,460	-3,175	-57	-22,692
GTAB .....	-	-	-	-	-	-	-
Other .....	-310	12	-298	-246	57	-131	-320
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-1	-	-1
<b>Total Input to Refineries</b> .....	<b>23,048</b>	<b>2,912</b>	<b>25,960</b>	<b>43,292</b>	<b>9,148</b>	<b>23,784</b>	<b>76,224</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,145	96	1,240	2,265	421	803	3,488
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	75.2	100.6	76.7	93.1	98.2	93.4	93.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	192	16	207	457	65	168	689
Catalytic Cracking .....	521	15	536	739	112	196	1,047
Catalytic Hydrocracking .....	17	-	17	139	8	45	192
Delayed and Fluid Coking .....	52	-	52	215	38	85	338
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.69	1.78	0.77	1.34	2.09	0.85	1.32
API Gravity, Weighted Average (degrees) .....	32.50	31.69	32.44	32.76	28.93	36.39	33.13
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,324	95	1,419	2,372	428	848	3,648
Idle .....	198	-	198	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 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			
<b>Crude Oil</b> .....	<b>18,314</b>	<b>107,965</b>	<b>90,429</b>	<b>6,944</b>	<b>3,426</b>	<b>227,078</b>	<b>15,128</b>	<b>75,164</b>	<b>458,248</b>
<b>Natural Gas Plant Liquids</b> .....	<b>408</b>	<b>4,498</b>	<b>3,809</b>	<b>52</b>	<b>165</b>	<b>8,932</b>	<b>495</b>	<b>1,821</b>	<b>14,190</b>
Pentanes Plus .....	231	1,623	1,816	31	15	3,716	136	643	5,531
Liquefied Petroleum Gases .....	177	2,875	1,993	21	150	5,216	359	1,178	8,659
Normal Butane .....	3	1,209	547	-	-	1,759	170	581	2,730
Isobutane .....	174	1,666	1,446	21	150	3,457	189	597	5,929
<b>Other Liquids</b> .....	<b>-3,543</b>	<b>-26,642</b>	<b>-27,904</b>	<b>54</b>	<b>-501</b>	<b>-58,536</b>	<b>-139</b>	<b>-27,431</b>	<b>-127,742</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	161	1,999	1,399	197	84	3,840	434	1,575	7,100
Hydrogen .....	24	1,837	1,300	176	35	3,372	156	1,429	5,547
Oxygenates (excluding Fuel Ethanol) .....	-	114	-	-	-	114	-	-	114
Methyl Tertiary Butyl Ether (MTBE) .....	-	114	-	-	-	114	-	-	114
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	137	48	99	21	49	354	278	146	1,393
Fuel Ethanol .....	114	48	99	21	49	331	278	142	1,315
Renewable Diesel Fuel .....	23	-	-	-	-	23	-	4	78
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-	-	46
Unfinished Oils (net) .....	-130	6,028	10,268	203	105	16,474	134	2,245	21,012
Naphthas and Lighter .....	-213	-1,312	211	31	34	-1,249	-55	-164	557
Kerosene and Light Gas Oils .....	17	-2,133	1,544	33	26	-513	-296	-241	-1,816
Heavy Gas Oils .....	49	8,647	4,646	184	45	13,571	577	2,673	17,279
Residuum .....	17	826	3,867	-45	-	4,665	-92	-23	4,992
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,574	-34,669	-39,571	-346	-690	-78,850	-707	-31,251	-155,853
Reformulated - RBOB .....	-120	-15,625	-4,516	-	-697	-20,958	-	-26,444	-66,880
Conventional .....	-3,454	-19,044	-35,055	-346	7	-57,892	-707	-4,807	-88,973
CBOB .....	-3,073	-17,394	-32,325	-304	-4	-53,100	-742	-4,272	-83,063
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	-381	-1,650	-2,730	-42	11	-4,792	35	-535	-5,910
Aviation Gasoline Blend. Comp. (net) .....	0	-	-	-	-	0	-	-	-1
<b>Total Input to Refineries</b> .....	<b>15,179</b>	<b>85,821</b>	<b>66,334</b>	<b>7,050</b>	<b>3,090</b>	<b>177,474</b>	<b>15,484</b>	<b>49,554</b>	<b>344,696</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	616	3,639	3,187	208	114	7,764	506	2,736	15,735
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	93.6	89.7	89.8	88.5	79.9	89.8	81.1	87.5	88.7
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	127	521	525	34	23	1,230	88	401	2,616
Catalytic Cracking .....	173	1,333	1,102	20	34	2,662	155	740	5,139
Catalytic Hydrocracking .....	35	352	374	15	-	776	12	513	1,510
Delayed and Fluid Coking .....	31	609	540	24	-	1,203	40	486	2,119
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.86	1.78	1.49	1.72	1.60	1.59	1.24	1.33	1.41
API Gravity, Weighted Average (degrees) .....	36.19	27.84	29.99	29.34	32.52	29.49	33.31	27.63	30.37
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,059</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,646</b>	<b>624</b>	<b>3,128</b>	<b>17,736</b>
Operating .....	658	4,001	3,496	235	126	8,516	624	3,001	17,208
Idle .....	-	59	55	-	17	130	-	126	529
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-	<b>16,601</b>	<b>16,601</b>

- = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 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
<b>Crude Oil</b> .....	<b>32,136</b>	<b>2,934</b>	<b>35,070</b>	<b>69,628</b>	<b>14,717</b>	<b>19,326</b>	<b>103,671</b>
<b>Natural Gas Plant Liquids</b> .....	<b>608</b>	<b>-</b>	<b>608</b>	<b>2,155</b>	<b>119</b>	<b>701</b>	<b>2,975</b>
Pentanes Plus .....	-	-	-	826	1	392	1,219
Liquefied Petroleum Gases .....	608	-	608	1,329	118	309	1,756
Normal Butane .....	99	-	99	488	55	-	543
Isobutane .....	509	-	509	841	63	309	1,213
<b>Other Liquids</b> .....	<b>-9,276</b>	<b>153</b>	<b>-9,123</b>	<b>-28,310</b>	<b>-4,133</b>	<b>-1,404</b>	<b>-33,847</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	207	129	336	586	146	220	952
Hydrogen .....	24	14	38	389	85	113	587
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	183	115	298	146	61	107	314
Fuel Ethanol .....	183	98	281	126	51	102	279
Renewable Diesel Fuel .....	-	17	17	20	10	5	35
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	51	-	-	51
Unfinished Oils (net) .....	2,267	-52	2,215	684	80	-1,554	-790
Naphthas and Lighter .....	482	-26	456	1,045	4	-89	960
Kerosene and Light Gas Oils .....	-67	-	-67	-484	-74	-224	-782
Heavy Gas Oils .....	956	-22	934	436	148	-586	-2
Residuum .....	896	-4	892	-313	2	-655	-966
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-11,750	76	-11,674	-29,580	-4,360	-70	-34,010
Reformulated - RBOB .....	-10,214	-	-10,214	-8,531	-500	-	-9,031
Conventional .....	-1,536	76	-1,460	-21,049	-3,860	-70	-24,979
CBOB .....	-1,709	74	-1,635	-21,459	-3,776	-195	-25,430
GTAB .....	132	-	132	-	-	-	-
Other .....	41	2	43	410	-84	125	451
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	1	-	1
<b>Total Input to Refineries</b> .....	<b>23,468</b>	<b>3,087</b>	<b>26,555</b>	<b>43,473</b>	<b>10,703</b>	<b>18,623</b>	<b>72,799</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,037	95	1,131	2,250	476	633	3,359
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	68.1	99.8	70.0	92.5	111.1	73.6	90.3
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	166	15	181	450	78	127	655
Catalytic Cracking .....	452	16	468	728	137	134	999
Catalytic Hydrocracking .....	9	-	9	147	43	51	241
Delayed and Fluid Coking .....	60	-	60	210	66	45	321
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.74	1.67	0.81	1.29	2.19	0.80	1.33
API Gravity, Weighted Average (degrees) .....	31.26	32.46	31.36	33.38	28.27	36.60	33.25
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,177	95	1,272	2,372	428	848	3,648
Idle .....	345	-	345	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 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			
<b>Crude Oil</b> .....	18,518	103,425	95,269	7,065	3,480	227,757	17,328	67,833	451,659
<b>Natural Gas Plant Liquids</b> .....	486	4,597	3,716	36	149	8,984	534	1,920	15,021
Pentanes Plus .....	234	1,527	1,390	14	—	3,165	132	681	5,197
Liquefied Petroleum Gases .....	252	3,070	2,326	22	149	5,819	402	1,239	9,824
Normal Butane .....	9	1,369	765	—	—	2,143	190	700	3,675
Isobutane .....	243	1,701	1,561	22	149	3,676	212	539	6,149
<b>Other Liquids</b> .....	-4,002	-25,419	-28,894	-296	-617	-59,228	-1,496	-25,029	-128,723
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	175	2,150	1,429	208	83	4,045	456	1,492	7,281
Hydrogen .....	20	2,021	1,283	179	34	3,537	175	1,320	5,657
Oxygenates (excluding Fuel Ethanol) .....	—	77	—	—	—	77	—	—	77
Methyl Tertiary Butyl Ether (MTBE) .....	—	77	—	—	—	77	—	—	77
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	155	52	146	29	49	431	281	172	1,496
Fuel Ethanol .....	127	52	146	29	49	403	281	148	1,392
Renewable Diesel Fuel .....	28	—	—	—	—	28	—	24	104
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	51
Unfinished Oils (net) .....	-459	8,105	5,040	-216	127	12,597	-559	3,437	16,900
Naphthas and Lighter .....	-123	-218	-907	-63	116	-1,195	-3	-482	-264
Kerosene and Light Gas Oils .....	-206	-2,898	1,112	10	6	-1,976	-393	1,510	-1,708
Heavy Gas Oils .....	-114	8,026	831	-95	5	8,653	-83	3,164	12,666
Residuum .....	-16	3,195	4,004	-68	—	7,115	-80	-755	6,206
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-3,712	-35,674	-35,363	-288	-827	-75,864	-1,393	-29,958	-152,899
Reformulated - RBOB .....	-760	-15,551	-2,452	—	-781	-19,544	—	-25,474	-64,263
Conventional .....	-2,952	-20,123	-32,911	-288	-46	-56,320	-1,393	-4,484	-88,636
CBOB .....	-3,002	-18,117	-31,500	-288	-11	-52,918	-1,116	-4,899	-85,998
GTAB .....	—	—	—	—	—	—	—	—	132
Other .....	50	-2,006	-1,411	0	-35	-3,402	-277	415	-2,770
Aviation Gasoline Blend. Comp. (net) .....	-6	—	—	—	—	-6	—	—	-5
<b>Total Input to Refineries</b> .....	15,002	82,603	70,091	6,805	3,012	177,513	16,366	44,724	337,957
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	560	3,475	3,259	204	112	7,611	558	2,390	15,050
Operable Capacity (daily average) .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operable Utilization Rate (percent) <sup>2</sup> .....	85.1	85.6	91.8	87.0	78.6	88.0	89.5	76.4	84.9
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	114	520	464	32	25	1,155	100	356	2,447
Catalytic Cracking .....	142	1,225	1,005	20	32	2,424	156	687	4,735
Catalytic Hydrocracking .....	29	351	347	15	—	742	12	461	1,465
Delayed and Fluid Coking .....	33	601	548	23	—	1,205	60	457	2,104
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.79	1.78	1.49	1.63	0.98	1.56	1.35	1.39	1.42
API Gravity, Weighted Average (degrees) .....	36.95	29.01	29.79	29.81	36.84	30.13	33.10	27.16	30.58
<b>Operable Capacity (daily average)</b> .....	658	4,059	3,551	235	143	8,646	624	3,128	17,736
Operating .....	658	3,901	3,496	235	126	8,416	624	2,856	16,816
Idle .....	—	159	55	—	17	230	—	271	921
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	16,101	16,101

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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
<b>Crude Oil</b> .....	<b>30,145</b>	<b>2,910</b>	<b>33,055</b>	<b>66,460</b>	<b>14,006</b>	<b>22,188</b>	<b>102,654</b>
<b>Natural Gas Plant Liquids</b> .....	<b>533</b>	<b>-</b>	<b>533</b>	<b>2,518</b>	<b>141</b>	<b>775</b>	<b>3,434</b>
Pentanes Plus .....	-	-	-	670	33	333	1,036
Liquefied Petroleum Gases .....	533	-	533	1,848	108	442	2,398
Normal Butane .....	163	-	163	934	75	-	1,009
Isobutane .....	370	-	370	914	33	442	1,389
<b>Other Liquids</b> .....	<b>-8,030</b>	<b>25</b>	<b>-8,005</b>	<b>-27,706</b>	<b>-3,673</b>	<b>-21</b>	<b>-31,400</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	202	125	327	594	158	233	985
Hydrogen .....	21	17	38	381	88	140	609
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	181	108	289	185	70	93	348
Fuel Ethanol .....	181	93	274	159	60	87	306
Renewable Diesel Fuel .....	-	15	15	26	10	6	42
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	28	-	-	28
Unfinished Oils (net) .....	3,591	-86	3,505	1,321	98	-177	1,242
Naphthas and Lighter .....	625	-30	595	1,995	4	124	2,123
Kerosene and Light Gas Oils .....	32	-	32	-414	13	-62	-463
Heavy Gas Oils .....	1,300	-54	1,246	341	80	-125	296
Residuum .....	1,634	-2	1,632	-601	1	-114	-714
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-11,823	-14	-11,837	-29,621	-3,929	-77	-33,627
Reformulated - RBOB .....	-10,505	-	-10,505	-8,885	-480	-	-9,365
Conventional .....	-1,318	-14	-1,332	-20,736	-3,449	-77	-24,262
CBOB .....	-1,668	-19	-1,687	-21,445	-3,606	-133	-25,184
GTAB .....	176	-	176	-	-	-	-
Other .....	174	5	179	709	157	56	922
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>22,648</b>	<b>2,935</b>	<b>25,583</b>	<b>41,272</b>	<b>10,474</b>	<b>22,942</b>	<b>74,688</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	1,005	97	1,102	2,229	468	752	3,448
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	66.0	102.3	68.1	91.6	109.3	87.4	92.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	168	16	184	462	76	169	707
Catalytic Cracking .....	474	17	491	722	138	162	1,022
Catalytic Hydrocracking .....	18	-	18	146	48	52	246
Delayed and Fluid Coking .....	59	-	59	209	65	78	353
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.70	1.73	0.79	1.35	2.27	0.75	1.35
API Gravity, Weighted Average (degrees) .....	31.31	31.64	31.34	32.87	28.36	36.88	33.13
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,177	95	1,272	2,372	428	848	3,648
Idle .....	345	-	345	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 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			
<b>Crude Oil</b> .....	<b>18,727</b>	<b>109,720</b>	<b>90,940</b>	<b>6,750</b>	<b>3,377</b>	<b>229,514</b>	<b>17,008</b>	<b>66,571</b>	<b>448,802</b>
<b>Natural Gas Plant Liquids</b> .....	<b>627</b>	<b>4,938</b>	<b>3,872</b>	<b>31</b>	<b>135</b>	<b>9,603</b>	<b>626</b>	<b>2,538</b>	<b>16,734</b>
Pentanes Plus .....	225	1,404	1,148	15	—	2,792	143	754	4,725
Liquefied Petroleum Gases .....	402	3,534	2,724	16	135	6,811	483	1,784	12,009
Normal Butane .....	201	1,930	1,269	—	—	3,400	269	1,139	5,980
Isobutane .....	201	1,604	1,455	16	135	3,411	214	645	6,029
<b>Other Liquids</b> .....	<b>-3,846</b>	<b>-27,031</b>	<b>-27,216</b>	<b>-135</b>	<b>-536</b>	<b>-58,764</b>	<b>-692</b>	<b>-25,382</b>	<b>-124,243</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	194	2,183	1,476	194	77	4,124	487	1,441	7,364
Hydrogen .....	34	2,006	1,329	167	33	3,569	207	1,252	5,675
Oxygenates (excluding Fuel Ethanol) .....	—	129	—	—	—	129	—	—	129
Methyl Tertiary Butyl Ether (MTBE) .....	—	129	—	—	—	129	—	—	129
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	160	48	147	27	44	426	280	189	1,532
Fuel Ethanol .....	133	48	147	27	44	399	280	154	1,413
Renewable Diesel Fuel .....	27	—	—	—	—	27	—	35	119
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	28
Unfinished Oils (net) .....	821	7,372	7,666	13	98	15,970	129	1,922	22,768
Naphthas and Lighter .....	304	-336	814	-22	114	874	85	-60	3,617
Kerosene and Light Gas Oils .....	227	-1,612	819	27	-17	-556	-199	96	-1,090
Heavy Gas Oils .....	91	6,517	1,281	93	1	7,983	288	1,914	11,727
Residuum .....	199	2,803	4,752	-85	—	7,669	-45	-28	8,514
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-4,864	-36,586	-36,358	-342	-711	-78,861	-1,308	-28,745	-154,378
Reformulated - RBOB .....	-923	-13,889	-2,149	—	-769	-17,730	—	-26,439	-64,039
Conventional .....	-3,941	-22,697	-34,209	-342	58	-61,131	-1,308	-2,306	-90,339
CBOB .....	-3,461	-19,677	-33,109	-326	27	-56,546	-1,379	-3,308	-88,104
GTAB .....	—	—	—	—	—	—	—	—	176
Other .....	-480	-3,020	-1,100	-16	31	-4,585	71	1,002	-2,411
Aviation Gasoline Blend. Comp. (net) .....	3	—	—	—	—	3	—	—	3
<b>Total Input to Refineries</b> .....	<b>15,508</b>	<b>87,627</b>	<b>67,596</b>	<b>6,646</b>	<b>2,976</b>	<b>180,353</b>	<b>16,942</b>	<b>43,727</b>	<b>341,293</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	630	3,708	3,228	204	113	7,882	567	2,427	15,426
Operable Capacity (daily average) .....	658	4,053	3,551	235	143	8,640	624	3,128	17,730
Operable Utilization Rate (percent) <sup>2</sup> .....	95.7	91.5	90.9	86.7	78.8	91.2	90.9	77.6	87.0
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	147	591	494	31	24	1,287	96	355	2,629
Catalytic Cracking .....	178	1,324	1,048	19	32	2,601	172	639	4,925
Catalytic Hydrocracking .....	43	397	349	16	—	805	19	446	1,535
Delayed and Fluid Coking .....	30	630	563	23	—	1,245	72	451	2,180
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.75	1.76	1.52	1.58	0.80	1.56	1.32	1.35	1.41
API Gravity, Weighted Average (degrees) .....	36.29	29.15	29.81	31.44	38.64	30.23	33.19	27.26	30.63
<b>Operable Capacity (daily average)</b> .....	<b>658</b>	<b>4,053</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,640</b>	<b>624</b>	<b>3,128</b>	<b>17,730</b>
Operating .....	658	3,895	3,418	235	126	8,332	624	2,856	16,732
Idle .....	—	159	133	—	17	308	—	271	999
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>16,019</b>	<b>16,019</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 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
<b>Crude Oil</b> .....	26,266	2,733	28,999	69,617	14,178	25,380	109,175
<b>Natural Gas Plant Liquids</b> .....	637	-	637	2,869	127	705	3,701
Pentanes Plus .....	-	-	-	726	9	300	1,035
Liquefied Petroleum Gases .....	637	-	637	2,143	118	405	2,666
Normal Butane .....	256	-	256	1,376	75	-	1,451
Isobutane .....	381	-	381	767	43	405	1,215
<b>Other Liquids</b> .....	-6,048	129	-5,919	-29,066	-4,333	77	-33,322
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	203	124	327	643	151	250	1,044
Hydrogen .....	16	17	33	430	87	150	667
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	187	107	294	157	64	100	321
Fuel Ethanol .....	187	92	279	157	57	95	309
Renewable Diesel Fuel .....	-	15	15	-	7	5	12
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	56	-	-	56
Unfinished Oils (net) .....	4,537	-20	4,517	1,749	-153	143	1,739
Naphthas and Lighter .....	1,280	-6	1,274	1,287	-1	203	1,489
Kerosene and Light Gas Oils .....	-11	-	-11	120	-112	-80	-72
Heavy Gas Oils .....	1,589	-17	1,572	740	-39	159	860
Residuum .....	1,679	3	1,682	-398	-1	-139	-538
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-10,788	25	-10,763	-31,458	-4,315	-316	-36,089
Reformulated - RBOB .....	-9,898	-	-9,898	-9,242	-555	-	-9,797
Conventional .....	-890	25	-865	-22,216	-3,760	-316	-26,292
CBOB .....	-1,327	16	-1,311	-21,427	-3,728	-129	-25,284
GTAB .....	-	-	-	-	-	-	-
Other .....	437	9	446	-789	-32	-187	-1,008
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-16	-	-16
<b>Total Input to Refineries</b> .....	<b>20,855</b>	<b>2,862</b>	<b>23,717</b>	<b>43,420</b>	<b>9,972</b>	<b>26,162</b>	<b>79,554</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	847	88	936	2,250	458	830	3,539
Operable Capacity (daily average) .....	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) <sup>2</sup> .....	55.6	93.1	57.8	92.5	107.0	96.6	95.1
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	150	15	166	458	71	165	694
Catalytic Cracking .....	415	16	431	706	135	207	1,048
Catalytic Hydrocracking .....	18	-	18	162	45	50	257
Delayed and Fluid Coking .....	57	-	57	253	58	88	399
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.72	1.60	0.81	1.27	2.20	0.88	1.30
API Gravity, Weighted Average (degrees) .....	30.60	31.97	30.74	33.38	28.74	36.57	33.52
<b>Operable Capacity (daily average)</b> .....	<b>1,523</b>	<b>95</b>	<b>1,618</b>	<b>2,433</b>	<b>428</b>	<b>860</b>	<b>3,721</b>
Operating .....	1,139	95	1,234	2,372	428	848	3,648
Idle .....	383	-	383	62	-	12	74
<b>Alaskan Crude Oil Receipts</b> .....	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 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			
<b>Crude Oil</b> .....	<b>18,730</b>	<b>112,718</b>	<b>91,075</b>	<b>6,411</b>	<b>3,055</b>	<b>231,989</b>	<b>17,407</b>	<b>72,540</b>	<b>460,110</b>
<b>Natural Gas Plant Liquids</b> .....	<b>501</b>	<b>4,902</b>	<b>3,577</b>	<b>25</b>	<b>143</b>	<b>9,148</b>	<b>600</b>	<b>2,572</b>	<b>16,658</b>
Pentanes Plus .....	172	1,448	1,561	2	10	3,193	169	803	5,200
Liquefied Petroleum Gases .....	329	3,454	2,016	23	133	5,955	431	1,769	11,458
Normal Butane .....	184	1,949	815	—	—	2,948	260	1,298	6,213
Isobutane .....	145	1,505	1,201	23	133	3,007	171	471	5,245
<b>Other Liquids</b> .....	<b>-4,692</b>	<b>-26,742</b>	<b>-25,308</b>	<b>-577</b>	<b>-450</b>	<b>-57,769</b>	<b>-866</b>	<b>-26,675</b>	<b>-124,551</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	189	2,205	1,526	192	79	4,191	505	1,544	7,611
Hydrogen .....	31	2,071	1,366	165	31	3,664	211	1,382	5,957
Oxygenates (excluding Fuel Ethanol) .....	—	85	—	—	—	85	—	—	85
Methyl Tertiary Butyl Ether (MTBE) .....	—	85	—	—	—	85	—	—	85
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	158	49	160	27	48	442	294	162	1,513
Fuel Ethanol .....	136	49	160	27	48	420	294	154	1,456
Renewable Diesel Fuel .....	22	—	—	—	—	22	—	8	57
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	56
Unfinished Oils (net) .....	-214	8,348	9,006	24	136	17,300	208	2,134	25,898
Naphthas and Lighter .....	-235	-1,293	219	-14	84	-1,239	138	-794	868
Kerosene and Light Gas Oils .....	-6	-400	759	-26	31	358	-229	-271	-225
Heavy Gas Oils .....	252	7,107	2,909	122	21	10,411	395	2,928	16,166
Residuum .....	-225	2,934	5,119	-58	—	7,770	-96	271	9,089
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-4,667	-37,295	-35,840	-793	-665	-79,260	-1,579	-30,353	-158,044
Reformulated - RBOB .....	-718	-13,930	-2,008	—	-655	-17,311	—	-26,341	-63,347
Conventional .....	-3,949	-23,365	-33,832	-793	-10	-61,949	-1,579	-4,012	-94,697
CBOB .....	-3,427	-20,284	-32,331	-732	-14	-56,788	-1,314	-3,541	-88,238
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	-522	-3,081	-1,501	-61	4	-5,161	-265	-471	-6,459
Aviation Gasoline Blend. Comp. (net) .....	0	—	—	—	—	0	—	—	-16
<b>Total Input to Refineries</b> .....	<b>14,539</b>	<b>90,878</b>	<b>69,344</b>	<b>5,859</b>	<b>2,748</b>	<b>183,368</b>	<b>17,141</b>	<b>48,437</b>	<b>352,217</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	611	3,703	3,154	190	99	7,757	565	2,545	15,341
Operable Capacity (daily average) .....	668	4,053	3,551	235	143	8,650	624	3,128	17,740
Operable Utilization Rate (percent) <sup>2</sup> .....	91.6	91.4	88.8	80.9	69.0	89.7	90.5	81.4	86.5
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	137	582	476	32	23	1,250	96	339	2,545
Catalytic Cracking .....	160	1,345	1,043	18	29	2,596	168	678	4,920
Catalytic Hydrocracking .....	39	387	347	15	—	788	18	479	1,560
Delayed and Fluid Coking .....	31	646	530	19	—	1,225	67	452	2,200
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.80	1.65	1.48	1.45	0.72	1.49	1.33	1.30	1.37
API Gravity, Weighted Average (degrees) .....	36.97	29.29	30.35	31.05	38.02	30.53	33.52	28.11	30.97
<b>Operable Capacity (daily average)</b> .....	<b>668</b>	<b>4,053</b>	<b>3,551</b>	<b>235</b>	<b>143</b>	<b>8,650</b>	<b>624</b>	<b>3,128</b>	<b>17,740</b>
Operating .....	658	3,995	3,496	235	126	8,510	624	2,942	16,958
Idle .....	10	59	55	—	17	140	—	186	782
<b>Alaskan Crude Oil Receipts</b> .....	—	—	—	—	—	—	—	<b>18,135</b>	<b>18,135</b>

— = No Data Reported.

NA = Not Available.

<sup>1</sup> 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).

<sup>2</sup> 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."