

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>44,843</b>	<b>2,788</b>	<b>47,631</b>	<b>64,609</b>	<b>12,868</b>	<b>22,135</b>	<b>99,612</b>
<b>Natural Gas Liquids and LRGs</b>	<b>648</b>	<b>0</b>	<b>648</b>	<b>2,739</b>	<b>343</b>	<b>787</b>	<b>3,869</b>
Pentanes Plus	0	0	0	360	240	345	945
Liquefied Petroleum Gases	648	0	648	2,379	103	442	2,924
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	265	0	265	1,470	68	66	1,604
Isobutane	383	0	383	909	35	376	1,320
<b>Other Liquids</b>	<b>-7,936</b>	<b>12</b>	<b>-7,924</b>	<b>-14,147</b>	<b>-4,046</b>	<b>-474</b>	<b>-18,667</b>
Other Hydrocarbons/Oxygenates	174	0	174	348	129	93	570
Other Hydrocarbons/Hydrogen	12	0	12	337	62	93	492
Oxygenates	162	0	162	11	67	0	78
Fuel Ethanol (FE)	162	0	162	11	67	0	78
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	4,294	10	4,304	2,340	-130	-439	1,771
Naphthas and Lighter	276	-17	259	593	-20	-210	363
Kerosene and Light Gas Oils	-196	0	-196	66	-122	78	22
Heavy Gas Oils	2,341	27	2,368	1,742	12	105	1,859
Residuum	1,873	0	1,873	-61	0	-412	-473
Motor Gasoline Blending Components (MGBC) (net)	-12,404	2	-12,402	-16,837	-4,045	-128	-21,010
Reformulated	-10,899	0	-10,899	-8,215	-372	0	-8,587
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-10,899	0	-10,899	-8,215	-372	0	-8,587
Conventional	-1,505	2	-1,503	-8,622	-3,673	-128	-12,423
CBOB for Blending with Alcohol	0	0	0	-8,431	-2,389	0	-10,820
GTAB	0	0	0	0	0	0	0
Other	-1,505	2	-1,503	-191	-1,284	-128	-1,603
Aviation Gasoline Blending Components (net)	0	0	0	2	0	0	2
<b>Total Input to Refineries</b>	<b>37,555</b>	<b>2,800</b>	<b>40,355</b>	<b>53,201</b>	<b>9,165</b>	<b>22,448</b>	<b>84,814</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,440	90	1,530	2,100	416	717	3,233
Operable Capacity (daily average)	1,627	95	1,722	2,377	454	826	3,658
Operable Utilization Rate (percent) <sup>b</sup>	88.5	94.7	88.9	88.3	91.6	86.7	88.4
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	653	16	670	741	131	187	1,059
Catalytic Hydrocracking	39	0	39	128	40	49	216
Delayed and Fluid Coking	95	0	95	172	61	84	318
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.74	1.45	0.78	1.35	2.30	1.11	1.42
API Gravity, Weighted Average (degrees)	32.89	32.16	32.85	32.84	26.69	34.46	32.40
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,377</b>	<b>454</b>	<b>826</b>	<b>3,658</b>
Operating	1,567	95	1,662	2,372	454	826	3,653
Idle	60	0	60	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,314</b>	<b>104,645</b>	<b>82,685</b>	<b>5,646</b>	<b>3,363</b>	<b>214,653</b>	<b>16,566</b>	<b>80,469</b>	<b>458,931</b>
<b>Natural Gas Liquids and LRGs</b>	<b>905</b>	<b>4,935</b>	<b>2,643</b>	<b>175</b>	<b>289</b>	<b>8,947</b>	<b>663</b>	<b>2,281</b>	<b>16,408</b>
Pentanes Plus	385	1,354	392	84	117	2,332	173	662	4,112
Liquefied Petroleum Gases	520	3,581	2,251	91	172	6,615	490	1,619	12,296
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	337	1,992	1,056	63	0	3,448	291	1,025	6,633
Isobutane	183	1,589	1,195	28	172	3,167	199	594	5,663
<b>Other Liquids</b>	<b>-2,486</b>	<b>-7,533</b>	<b>4,304</b>	<b>-153</b>	<b>-597</b>	<b>-6,465</b>	<b>-196</b>	<b>-30,797</b>	<b>-64,049</b>
Other Hydrocarbons/Oxygenates	253	1,131	976	16	16	2,392	295	1,157	4,588
Other Hydrocarbons/Hydrogen	177	1,065	976	16	8	2,242	205	1,054	4,005
Oxygenates	76	66	0	0	8	150	90	103	583
Fuel Ethanol (FE)	76	0	0	0	8	84	90	103	517
Methyl Tertiary Butyl Ether (MTBE)	0	66	0	0	0	66	0	0	66
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-716	8,109	8,482	-121	185	15,939	163	-345	21,832
Naphthas and Lighter	-362	114	-170	43	144	-231	232	-785	-162
Kerosene and Light Gas Oils	-145	-1,249	1,471	-50	7	34	-274	45	-369
Heavy Gas Oils	112	9,745	4,809	-69	34	14,631	205	295	19,358
Residuum	-321	-501	2,372	-45	0	1,505	0	100	3,005
Motor Gasoline Blending Components (MGBC) (net)	-2,018	-16,775	-5,154	-48	-798	-24,793	-654	-31,609	-90,468
Reformulated	-1,294	-15,492	-3,830	0	-780	-21,396	0	-28,941	-69,823
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,294	-15,492	-3,830	0	-780	-21,396	0	-28,941	-69,823
Conventional	-724	-1,283	-1,324	-48	-18	-3,397	-654	-2,668	-20,645
CBOB for Blending with Alcohol	-665	-323	0	0	0	-988	-261	-2,398	-14,467
GTAB	0	0	0	0	0	0	0	0	0
Other	-59	-960	-1,324	-48	-18	-2,409	-393	-270	-6,178
Aviation Gasoline Blending Components (net)	-5	2	0	0	0	-3	0	0	-1
<b>Total Input to Refineries</b>	<b>16,733</b>	<b>102,047</b>	<b>89,632</b>	<b>5,668</b>	<b>3,055</b>	<b>217,135</b>	<b>17,033</b>	<b>51,953</b>	<b>411,290</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	594	3,400	2,728	172	108	7,002	538	2,784	15,087
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,594
Operable Utilization Rate (percent) <sup>b,c</sup>	88.6	83.3	82.0	80.6	89.2	83.2	89.1	87.1	85.8
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	170	1,350	1,104	18	35	2,677	168	660	5,234
Catalytic Hydrocracking	44	297	205	0	0	546	12	513	1,326
Delayed and Fluid Coking	29	601	476	11	0	1,116	43	498	2,070
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.98	1.93	1.44	1.62	0.50	1.63	1.33	1.34	1.44
API Gravity, Weighted Average (degrees)	37.45	28.10	30.04	31.30	38.96	29.90	32.77	27.95	30.50
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,594</b>
Operating	671	3,839	3,304	213	122	8,148	603	3,160	17,226
Idle	0	243	25	0	0	268	0	35	368
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,623</b>	<b>22,623</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>39,157</b>	<b>2,666</b>	<b>41,823</b>	<b>59,994</b>	<b>12,097</b>	<b>20,371</b>	<b>92,462</b>
<b>Natural Gas Liquids and LRGs</b>	<b>442</b>	<b>0</b>	<b>442</b>	<b>2,373</b>	<b>350</b>	<b>540</b>	<b>3,263</b>
Pentanes Plus	0	0	0	501	235	196	932
Liquefied Petroleum Gases	442	0	442	1,872	115	344	2,331
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	98	0	98	1,074	72	18	1,164
Isobutane	344	0	344	798	43	326	1,167
<b>Other Liquids</b>	<b>-6,965</b>	<b>-11</b>	<b>-6,976</b>	<b>-12,034</b>	<b>-3,648</b>	<b>-815</b>	<b>-16,497</b>
Other Hydrocarbons/Oxygenates	163	0	163	334	123	63	520
Other Hydrocarbons/Hydrogen	6	0	6	321	57	63	441
Oxygenates	157	0	157	13	66	0	79
Fuel Ethanol (FE)	157	0	157	13	66	0	79
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	3,990	-10	3,980	2,440	-82	-789	1,569
Naphthas and Lighter	47	-26	21	819	29	-309	539
Kerosene and Light Gas Oils	-1,223	0	-1,223	611	-111	-13	487
Heavy Gas Oils	2,036	19	2,055	1,370	0	-154	1,216
Residuum	3,130	-3	3,127	-360	0	-313	-673
Motor Gasoline Blending Components (MGBC) (net)	-11,118	-1	-11,119	-14,797	-3,689	-89	-18,575
Reformulated	-9,015	0	-9,015	-7,864	-263	0	-8,127
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-9,015	0	-9,015	-7,864	-263	0	-8,127
Conventional	-2,103	-1	-2,104	-6,933	-3,426	-89	-10,448
CBOB for Blending with Alcohol	-54	0	-54	-6,992	-2,504	0	-9,496
GTAB	0	0	0	0	0	0	0
Other	-2,049	-1	-2,050	59	-922	-89	-952
Aviation Gasoline Blending Components (net)	0	0	0	-11	0	0	-11
<b>Total Input to Refineries</b>	<b>32,634</b>	<b>2,655</b>	<b>35,289</b>	<b>50,333</b>	<b>8,799</b>	<b>20,096</b>	<b>79,228</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,300	92	1,392	2,092	419	705	3,216
Operable Capacity (daily average)	1,627	95	1,722	2,377	454	826	3,658
Operable Utilization Rate (percent) <sup>b</sup>	79.9	96.8	80.8	88.0	92.1	85.3	87.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	644	17	660	722	130	175	1,028
Catalytic Hydrocracking	16	0	16	132	40	55	227
Delayed and Fluid Coking	83	0	83	179	61	81	321
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.71	1.43	0.76	1.36	2.27	1.08	1.42
API Gravity, Weighted Average (degrees)	32.86	32.24	32.82	32.46	26.69	35.16	32.31
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,377</b>	<b>454</b>	<b>826</b>	<b>3,658</b>
Operating	1,613	95	1,708	2,372	454	826	3,653
Idle	14	0	14	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>16,824</b>	<b>93,698</b>	<b>82,290</b>	<b>5,128</b>	<b>3,148</b>	<b>201,088</b>	<b>15,615</b>	<b>73,142</b>	<b>424,130</b>
<b>Natural Gas Liquids and LRGs</b>	<b>856</b>	<b>3,921</b>	<b>2,755</b>	<b>160</b>	<b>269</b>	<b>7,961</b>	<b>592</b>	<b>2,061</b>	<b>14,319</b>
Pentanes Plus	370	1,290	698	74	112	2,544	129	663	4,268
Liquefied Petroleum Gases	486	2,631	2,057	86	157	5,417	463	1,398	10,051
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	301	1,245	944	49	0	2,539	280	740	4,821
Isobutane	185	1,386	1,113	37	157	2,878	183	658	5,230
<b>Other Liquids</b>	<b>-2,145</b>	<b>-5,350</b>	<b>-1,406</b>	<b>-67</b>	<b>-473</b>	<b>-9,441</b>	<b>-389</b>	<b>-29,240</b>	<b>-62,543</b>
Other Hydrocarbons/Oxygenates	258	1,169	926	19	18	2,390	265	985	4,323
Other Hydrocarbons/Hydrogen	170	1,123	926	19	8	2,246	188	915	3,796
Oxygenates	88	46	0	0	10	144	77	70	527
Fuel Ethanol (FE)	88	0	0	0	10	98	77	70	481
Methyl Tertiary Butyl Ether (MTBE)	0	46	0	0	0	46	0	0	46
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	83	8,415	2,969	-97	206	11,576	-311	-2,283	14,531
Naphthas and Lighter	-180	334	-1,039	-3	191	-697	0	-796	-933
Kerosene and Light Gas Oils	279	-638	1,124	87	15	867	-327	-432	-628
Heavy Gas Oils	24	8,655	495	-130	0	9,044	165	-226	12,254
Residuum	-40	64	2,389	-51	0	2,362	-149	-829	3,838
Motor Gasoline Blending Components (MGBC) (net)	-2,490	-14,934	-5,301	11	-697	-23,411	-343	-27,942	-81,390
Reformulated	-1,323	-14,171	-2,896	0	-711	-19,101	0	-27,105	-63,348
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,323	-14,171	-2,896	0	-711	-19,101	0	-27,105	-63,348
Conventional	-1,167	-763	-2,405	11	14	-4,310	-343	-837	-18,042
CBOB for Blending with Alcohol	-684	-522	0	0	0	-1,206	-281	-3,083	-14,120
GTAB	0	0	0	0	0	0	0	0	0
Other	-483	-241	-2,405	11	14	-3,104	-62	2,246	-3,922
Aviation Gasoline Blending Components (net)	4	0	0	0	0	4	0	0	-7
<b>Total Input to Refineries</b>	<b>15,535</b>	<b>92,269</b>	<b>83,639</b>	<b>5,221</b>	<b>2,944</b>	<b>199,608</b>	<b>15,818</b>	<b>45,963</b>	<b>375,906</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	589	3,242	2,923	172	109	7,034	541	2,765	14,948
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,594
Operable Utilization Rate (percent) <sup>b,c</sup>	87.8	79.4	87.8	80.6	89.3	83.6	89.7	86.5	85.0
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	163	1,298	988	19	34	2,502	162	664	5,016
Catalytic Hydrocracking	46	270	188	0	0	504	14	459	1,220
Delayed and Fluid Coking	29	519	516	8	0	1,072	45	473	1,994
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.95	2.0	1.54	1.48	0.54	1.69	1.39	1.35	1.47
API Gravity, Weighted Average (degrees)	37.79	27.93	29.52	33.10	38.82	29.70	32.57	28.12	30.42
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,594</b>
Operating	671	3,839	3,304	213	122	8,148	603	3,154	17,265
Idle	0	243	25	0	0	268	0	41	328
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,045</b>	<b>20,045</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>38,367</b>	<b>2,705</b>	<b>41,072</b>	<b>57,749</b>	<b>12,203</b>	<b>21,296</b>	<b>91,248</b>
<b>Natural Gas Liquids and LRGs</b>	<b>577</b>	<b>0</b>	<b>577</b>	<b>1,262</b>	<b>325</b>	<b>688</b>	<b>2,275</b>
Pentanes Plus	0	0	0	246	226	342	814
Liquefied Petroleum Gases	577	0	577	1,016	99	346	1,461
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	82	0	82	197	49	16	262
Isobutane	495	0	495	819	50	330	1,199
<b>Other Liquids</b>	<b>-5,438</b>	<b>-37</b>	<b>-5,475</b>	<b>-14,123</b>	<b>-3,433</b>	<b>154</b>	<b>-17,402</b>
Other Hydrocarbons/Oxygenates	179	0	179	249	130	90	469
Other Hydrocarbons/Hydrogen	5	0	5	239	58	90	387
Oxygenates	174	0	174	10	72	0	82
Fuel Ethanol (FE)	174	0	174	10	72	0	82
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	6,620	-43	6,577	48	-247	497	298
Naphthas and Lighter	1,131	-22	1,109	374	-16	88	446
Kerosene and Light Gas Oils	407	0	407	-81	-183	284	20
Heavy Gas Oils	2,566	-20	2,546	375	-48	668	995
Residuum	2,516	-1	2,515	-620	0	-543	-1,163
Motor Gasoline Blending Components (MGBC) (net)	-12,237	6	-12,231	-14,420	-3,316	-433	-18,169
Reformulated	-9,950	0	-9,950	-7,449	-367	0	-7,816
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-9,950	0	-9,950	-7,449	-367	0	-7,816
Conventional	-2,287	6	-2,281	-6,971	-2,949	-433	-10,353
CBOB for Blending with Alcohol	-324	0	-324	-7,144	-2,455	0	-9,599
GTAB	0	0	0	0	0	0	0
Other	-1,963	6	-1,957	173	-494	-433	-754
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>33,506</b>	<b>2,668</b>	<b>36,174</b>	<b>44,888</b>	<b>9,095</b>	<b>22,138</b>	<b>76,121</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,157	87	1,244	1,873	395	690	2,958
Operable Capacity (daily average)	1,627	95	1,722	2,377	454	826	3,658
Operable Utilization Rate (percent) <sup>b</sup>	71.1	91.9	72.2	78.8	87.0	83.5	80.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	554	15	569	597	123	178	897
Catalytic Hydrocracking	32	0	32	85	40	56	181
Delayed and Fluid Coking	84	0	84	177	58	63	297
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.94	1.45	0.98	1.41	2.10	0.85	1.37
API Gravity, Weighted Average (degrees)	31.36	32.29	31.42	32.38	27.48	36.29	32.63
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,377</b>	<b>454</b>	<b>826</b>	<b>3,658</b>
Operating	1,595	95	1,690	2,372	454	719	3,545
Idle	32	0	32	6	0	108	113
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	17,359	100,175	90,847	5,269	3,578	217,228	16,352	79,389	445,289
<b>Natural Gas Liquids and LRGs</b>	843	4,535	3,088	112	259	8,837	491	1,843	14,023
Pentanes Plus	403	1,419	1,146	68	104	3,140	96	585	4,635
Liquefied Petroleum Gases	440	3,116	1,942	44	155	5,697	395	1,258	9,388
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	259	1,261	575	2	0	2,097	190	582	3,213
Isobutane	181	1,855	1,367	42	155	3,600	205	676	6,175
<b>Other Liquids</b>	-1,617	-4,578	1,178	-222	-654	-5,893	-261	-25,311	-54,342
Other Hydrocarbons/Oxygenates	273	1,176	889	19	17	2,374	227	1,077	4,326
Other Hydrocarbons/Hydrogen	174	1,113	889	19	8	2,203	154	998	3,747
Oxygenates	99	63	0	0	9	171	73	79	579
Fuel Ethanol (FE)	99	0	0	0	9	108	73	79	516
Methyl Tertiary Butyl Ether (MTBE)	0	63	0	0	0	63	0	0	63
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	267	10,998	5,426	-183	80	16,588	-305	1,577	24,735
Naphthas and Lighter	-72	2,034	156	-47	102	2,173	-50	-612	3,066
Kerosene and Light Gas Oils	60	-1,002	1,757	25	-15	825	-101	1,589	2,740
Heavy Gas Oils	228	9,821	1,727	-105	-7	11,664	64	447	15,716
Residuum	51	145	1,786	-56	0	1,926	-218	153	3,213
Motor Gasoline Blending Components (MGBC) (net)	-2,164	-16,752	-5,137	-58	-751	-24,862	-183	-27,965	-83,410
Reformulated	-1,545	-15,215	-3,332	0	-733	-20,825	0	-26,676	-65,267
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,545	-15,215	-3,332	0	-733	-20,825	0	-26,676	-65,267
Conventional	-619	-1,537	-1,805	-58	-18	-4,037	-183	-1,289	-18,143
CBOB for Blending with Alcohol	-569	-768	0	0	0	-1,337	-166	-2,743	-14,169
GTAB	0	0	0	0	0	0	0	0	0
Other	-50	-769	-1,805	-58	-18	-2,700	-17	1,454	-3,974
Aviation Gasoline Blending Components (net)	7	0	0	0	0	7	0	0	7
<b>Total Input to Refineries</b>	<b>16,585</b>	<b>100,132</b>	<b>95,113</b>	<b>5,159</b>	<b>3,183</b>	<b>220,172</b>	<b>16,582</b>	<b>55,921</b>	<b>404,970</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	571	3,255	2,993	164	115	7,100	529	2,806	14,637
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,594
Operable Utilization Rate (percent) <sup>b,c</sup>	85.2	79.8	89.9	77.0	94.9	84.4	87.7	87.8	83.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	154	1,264	1,059	18	34	2,529	158	674	4,828
Catalytic Hydrocracking	48	307	144	0	0	500	13	497	1,223
Delayed and Fluid Coking	31	525	521	6	0	1,082	47	433	1,943
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.93	1.94	1.65	1.52	0.50	1.71	1.35	1.38	1.50
API Gravity, Weighted Average (degrees)	39.81	28.13	29.22	31.38	39.07	29.77	32.79	27.73	30.25
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,594</b>
Operating	604	3,981	3,304	213	122	8,224	603	3,160	17,222
Idle	67	100	25	0	0	192	0	35	372
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,279</b>	<b>22,279</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>39,583</b>	<b>2,422</b>	<b>42,005</b>	<b>64,697</b>	<b>12,077</b>	<b>20,673</b>	<b>97,447</b>
<b>Natural Gas Liquids and LRGs</b>	<b>448</b>	<b>0</b>	<b>448</b>	<b>1,404</b>	<b>259</b>	<b>898</b>	<b>2,561</b>
Pentanes Plus	0	0	0	452	187	472	1,111
Liquefied Petroleum Gases	448	0	448	952	72	426	1,450
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	57	20	18	95
Isobutane	448	0	448	895	52	408	1,355
<b>Other Liquids</b>	<b>-3,246</b>	<b>-291</b>	<b>-3,537</b>	<b>-12,502</b>	<b>-3,088</b>	<b>-868</b>	<b>-16,458</b>
Other Hydrocarbons/Oxygenates	213	0	213	333	113	99	545
Other Hydrocarbons/Hydrogen	26	0	26	316	55	92	463
Oxygenates	187	0	187	17	58	7	82
Fuel Ethanol (FE)	187	0	187	17	58	7	82
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	5,657	-287	5,370	658	-167	-761	-270
Naphthas and Lighter	537	-249	288	703	-164	-302	237
Kerosene and Light Gas Oils	10	0	10	284	-69	96	311
Heavy Gas Oils	3,564	-29	3,535	-66	66	133	133
Residuum	1,546	-9	1,537	-263	0	-688	-951
Motor Gasoline Blending Components (MGBC) (net)	-9,116	-4	-9,120	-13,493	-3,034	-206	-16,733
Reformulated	-9,556	0	-9,556	-7,425	-281	0	-7,706
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-9,556	0	-9,556	-7,425	-281	0	-7,706
Conventional	440	-4	436	-6,068	-2,753	-206	-9,027
CBOB for Blending with Alcohol	-725	0	-725	-7,311	-2,426	0	-9,737
GTAB	0	0	0	0	0	0	0
Other	1,165	-4	1,161	1,243	-327	-206	710
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>36,785</b>	<b>2,131</b>	<b>38,916</b>	<b>53,599</b>	<b>9,248</b>	<b>20,703</b>	<b>83,550</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,293	81	1,374	2,183	404	691	3,278
Operable Capacity (daily average)	1,627	95	1,722	2,377	454	826	3,658
Operable Utilization Rate (percent) <sup>b</sup>	79.5	85.0	79.8	91.8	88.8	83.6	89.6
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	584	14	598	711	126	175	1,012
Catalytic Hydrocracking	30	0	30	101	38	47	187
Delayed and Fluid Coking	41	0	41	183	53	74	309
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.69	1.34	0.73	1.36	2.16	0.97	1.38
API Gravity, Weighted Average (degrees)	33.14	33.12	33.13	32.65	28.75	35.32	32.73
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,377</b>	<b>454</b>	<b>826</b>	<b>3,658</b>
Operating	1,515	95	1,610	2,372	454	826	3,653
Idle	112	0	112	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,257</b>	<b>103,287</b>	<b>84,089</b>	<b>5,742</b>	<b>3,573</b>	<b>214,948</b>	<b>16,203</b>	<b>73,363</b>	<b>443,966</b>
<b>Natural Gas Liquids and LRGs</b>	<b>766</b>	<b>4,462</b>	<b>2,644</b>	<b>98</b>	<b>235</b>	<b>8,205</b>	<b>430</b>	<b>1,533</b>	<b>13,177</b>
Pentanes Plus	389	1,408	938	79	62	2,876	137	597	4,721
Liquefied Petroleum Gases	377	3,054	1,706	19	173	5,329	293	936	8,456
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	228	1,013	416	1	0	1,658	106	474	2,333
Isobutane	149	2,041	1,290	18	173	3,671	187	462	6,123
<b>Other Liquids</b>	<b>-1,145</b>	<b>-4,471</b>	<b>3,360</b>	<b>-371</b>	<b>-508</b>	<b>-3,135</b>	<b>-328</b>	<b>-22,045</b>	<b>-45,503</b>
Other Hydrocarbons/Oxygenates	229	1,165	995	25	16	2,430	254	1,083	4,525
Other Hydrocarbons/Hydrogen	172	1,105	995	25	6	2,303	186	1,005	3,983
Oxygenates	57	60	0	0	10	127	68	78	542
Fuel Ethanol (FE)	57	0	0	0	10	67	68	78	482
Methyl Tertiary Butyl Ether (MTBE)	0	60	0	0	0	60	0	0	60
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-69	6,944	9,117	-350	128	15,770	-451	2,039	22,458
Naphthas and Lighter	-93	1,909	1,141	20	107	3,084	-331	-736	2,542
Kerosene and Light Gas Oils	65	-486	2,567	-206	18	1,958	-308	149	2,120
Heavy Gas Oils	-133	5,171	2,956	-116	3	7,881	244	2,490	14,283
Residuum	92	350	2,453	-48	0	2,847	-56	136	3,513
Motor Gasoline Blending Components (MGBC) (net)	-1,305	-12,580	-6,752	-46	-652	-21,335	-131	-25,167	-72,486
Reformulated	-699	-13,517	-4,029	0	-592	-18,837	0	-24,479	-60,578
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-699	-13,517	-4,029	0	-592	-18,837	0	-24,479	-60,578
Conventional	-606	937	-2,723	-46	-60	-2,498	-131	-688	-11,908
CBOB for Blending with Alcohol	-553	-1,001	-1,044	0	0	-2,598	-269	-2,188	-15,517
GTAB	0	0	0	0	0	0	0	0	0
Other	-53	1,938	-1,679	-46	-60	100	138	1,500	3,609
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>17,878</b>	<b>103,278</b>	<b>90,093</b>	<b>5,469</b>	<b>3,300</b>	<b>220,018</b>	<b>16,305</b>	<b>52,851</b>	<b>411,640</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	620	3,474	2,901	177	119	7,291	544	2,670	15,157
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,594
Operable Utilization Rate (percent) <sup>b,c</sup>	92.5	85.1	87.1	83.1	97.9	86.6	90.2	83.6	86.2
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	158	1,249	1,081	13	35	2,537	162	685	4,994
Catalytic Hydrocracking	46	302	174	0	0	522	16	466	1,219
Delayed and Fluid Coking	30	506	430	11	0	978	44	413	1,785
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.98	1.90	1.61	1.75	0.50	1.68	1.41	1.38	1.46
API Gravity, Weighted Average (degrees)	37.77	28.35	29.58	31.17	39.22	29.89	33.36	27.54	30.56
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,594</b>
Operating	604	3,825	3,304	213	122	8,068	603	3,160	17,093
Idle	67	256	25	0	0	348	0	35	501
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,618</b>	<b>20,618</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>41,608</b>	<b>2,632</b>	<b>44,240</b>	<b>68,692</b>	<b>12,707</b>	<b>23,262</b>	<b>104,661</b>
<b>Natural Gas Liquids and LRGs</b>	<b>374</b>	<b>0</b>	<b>374</b>	<b>1,493</b>	<b>191</b>	<b>843</b>	<b>2,527</b>
Pentanes Plus	0	0	0	468	132	385	985
Liquefied Petroleum Gases	374	0	374	1,025	59	458	1,542
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	18	0	11	29
Isobutane	374	0	374	1,007	59	447	1,513
<b>Other Liquids</b>	<b>-4,541</b>	<b>109</b>	<b>-4,432</b>	<b>-13,071</b>	<b>-3,570</b>	<b>-835</b>	<b>-17,476</b>
Other Hydrocarbons/Oxygenates	217	0	217	418	118	97	633
Other Hydrocarbons/Hydrogen	30	0	30	361	63	97	521
Oxygenates	187	0	187	57	55	0	112
Fuel Ethanol (FE)	187	0	187	57	55	0	112
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	5,811	108	5,919	3,883	-123	-878	2,882
Naphthas and Lighter	1,008	165	1,173	1,679	-89	-204	1,386
Kerosene and Light Gas Oils	-93	0	-93	751	-128	-205	418
Heavy Gas Oils	2,386	-57	2,329	1,863	94	0	1,957
Residuum	2,510	0	2,510	-410	0	-469	-879
Motor Gasoline Blending Components (MGBC) (net)	-10,569	1	-10,568	-17,372	-3,565	-54	-20,991
Reformulated	-11,628	0	-11,628	-8,386	-338	0	-8,724
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-11,628	0	-11,628	-8,386	-338	0	-8,724
Conventional	1,059	1	1,060	-8,986	-3,227	-54	-12,267
CBOB for Blending with Alcohol	-508	0	-508	-10,030	-2,745	-1	-12,776
GTAB	0	0	0	0	0	0	0
Other	1,567	1	1,568	1,044	-482	-53	509
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>37,441</b>	<b>2,741</b>	<b>40,182</b>	<b>57,114</b>	<b>9,328</b>	<b>23,270</b>	<b>89,712</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,316	85	1,401	2,237	411	751	3,400
Operable Capacity (daily average)	1,627	95	1,722	2,377	454	839	3,671
Operable Utilization Rate (percent) <sup>b</sup>	80.9	89.4	81.4	94.1	90.4	89.6	92.6
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	570	12	582	745	127	190	1,062
Catalytic Hydrocracking	34	0	34	135	41	48	225
Delayed and Fluid Coking	44	0	44	173	61	85	319
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.80	1.50	0.84	1.35	2.30	0.99	1.39
API Gravity, Weighted Average (degrees)	32.79	32.11	32.75	32.77	26.76	34.76	32.48
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,377</b>	<b>454</b>	<b>839</b>	<b>3,671</b>
Operating	1,547	95	1,642	2,372	454	839	3,665
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,676</b>	<b>113,059</b>	<b>88,547</b>	<b>6,307</b>	<b>2,841</b>	<b>229,430</b>	<b>17,443</b>	<b>77,381</b>	<b>473,155</b>
<b>Natural Gas Liquids and LRGs</b>	<b>887</b>	<b>4,756</b>	<b>2,676</b>	<b>119</b>	<b>179</b>	<b>8,617</b>	<b>477</b>	<b>1,760</b>	<b>13,755</b>
Pentanes Plus	439	1,509	886	91	80	3,005	141	646	4,777
Liquefied Petroleum Gases	448	3,247	1,790	28	99	5,612	336	1,114	8,978
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	260	1,021	477	0	0	1,758	113	539	2,439
Isobutane	188	2,226	1,313	28	99	3,854	223	575	6,539
<b>Other Liquids</b>	<b>-2,167</b>	<b>-11,256</b>	<b>1,746</b>	<b>-87</b>	<b>-283</b>	<b>-12,047</b>	<b>-273</b>	<b>-26,097</b>	<b>-60,325</b>
Other Hydrocarbons/Oxygenates	240	1,136	1,065	31	24	2,496	266	1,174	4,786
Other Hydrocarbons/Hydrogen	159	1,121	1,065	31	6	2,382	191	1,095	4,219
Oxygenates	81	15	0	0	18	114	75	79	567
Fuel Ethanol (FE)	81	0	0	0	18	99	75	79	552
Methyl Tertiary Butyl Ether (MTBE)	0	15	0	0	0	15	0	0	15
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-188	6,216	8,158	-85	-37	14,064	-341	4,001	26,525
Naphthas and Lighter	107	711	662	58	-66	1,472	22	364	4,417
Kerosene and Light Gas Oils	25	-1,945	1,120	-98	18	-880	-199	-317	-1,071
Heavy Gas Oils	-276	6,992	4,624	3	11	11,354	167	3,722	19,529
Residuum	-44	458	1,752	-48	0	2,118	-331	232	3,650
Motor Gasoline Blending Components (MGBC) (net)	-2,218	-18,608	-7,477	-33	-270	-28,606	-198	-31,272	-91,635
Reformulated	-994	-14,964	-4,188	0	-335	-20,481	0	-26,966	-67,799
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-994	-14,964	-4,188	0	-335	-20,481	0	-26,966	-67,799
Conventional	-1,224	-3,644	-3,289	-33	65	-8,125	-198	-4,306	-23,836
CBOB for Blending with Alcohol	-979	-2,771	-2,445	0	0	-6,195	-130	-4,712	-24,321
GTAB	0	0	0	0	0	0	0	0	0
Other	-245	-873	-844	-33	65	-1,930	-68	406	485
Aviation Gasoline Blending Components (net)	-1	0	0	0	0	-1	0	0	-1
<b>Total Input to Refineries</b>	<b>17,396</b>	<b>106,559</b>	<b>92,969</b>	<b>6,339</b>	<b>2,737</b>	<b>226,000</b>	<b>17,647</b>	<b>53,044</b>	<b>426,585</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	610	3,653	2,975	191	92	7,521	565	2,742	15,629
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,606
Operable Utilization Rate (percent) <sup>b,c</sup>	91.0	89.5	89.4	89.7	75.4	89.4	93.7	85.8	88.8
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	151	1,318	1,094	17	24	2,604	167	735	5,151
Catalytic Hydrocracking	45	288	218	0	0	551	17	482	1,308
Delayed and Fluid Coking	31	633	444	14	0	1,122	43	443	1,972
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.97	2.04	1.53	1.60	0.53	1.72	1.48	1.28	1.48
API Gravity, Weighted Average (degrees)	37.28	27.83	29.61	31.17	39.79	29.54	32.02	27.39	30.22
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,606</b>
Operating	671	4,081	3,304	213	122	8,391	603	3,160	17,461
Idle	0	0	25	0	0	25	0	35	146
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,736</b>	<b>21,736</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>40,599</b>	<b>2,795</b>	<b>43,394</b>	<b>65,124</b>	<b>13,245</b>	<b>22,410</b>	<b>100,779</b>
<b>Natural Gas Liquids and LRGs</b>	<b>417</b>	<b>0</b>	<b>417</b>	<b>1,632</b>	<b>91</b>	<b>921</b>	<b>2,644</b>
Pentanes Plus	0	0	0	530	25	413	968
Liquefied Petroleum Gases	417	0	417	1,102	66	508	1,676
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	12	0	0	12
Isobutane	417	0	417	1,090	66	508	1,664
<b>Other Liquids</b>	<b>-4,497</b>	<b>-28</b>	<b>-4,525</b>	<b>-12,403</b>	<b>-3,292</b>	<b>-1</b>	<b>-15,696</b>
Other Hydrocarbons/Oxygenates	202	0	202	502	112	106	720
Other Hydrocarbons/Hydrogen	21	0	21	350	57	83	490
Oxygenates	181	0	181	152	55	23	230
Fuel Ethanol (FE)	181	0	181	152	55	23	230
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	5,833	-35	5,798	4,225	101	-236	4,090
Naphthas and Lighter	1,365	-29	1,336	1,454	204	-204	1,454
Kerosene and Light Gas Oils	-158	0	-158	786	-116	168	838
Heavy Gas Oils	1,640	-5	1,635	1,751	13	175	1,939
Residuum	2,986	-1	2,985	234	0	-375	-141
Motor Gasoline Blending Components (MGBC) (net)	-10,532	7	-10,525	-17,130	-3,505	129	-20,506
Reformulated	-11,091	0	-11,091	-7,905	-258	0	-8,163
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-11,091	0	-11,091	-7,905	-258	0	-8,163
Conventional	559	7	566	-9,225	-3,247	129	-12,343
CBOB for Blending with Alcohol	-323	0	-323	-9,727	-2,651	0	-12,378
GTAB	0	0	0	0	0	0	0
Other	882	7	889	502	-596	129	35
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>36,519</b>	<b>2,767</b>	<b>39,286</b>	<b>54,353</b>	<b>10,044</b>	<b>23,330</b>	<b>87,727</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,325	93	1,418	2,188	443	749	3,379
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	839	3,674
Operable Utilization Rate (percent) <sup>b</sup>	81.4	98.1	82.4	91.9	97.4	89.3	92.0
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	589	16	604	729	128	202	1,059
Catalytic Hydrocracking	40	0	40	129	42	53	224
Delayed and Fluid Coking	87	0	87	178	65	83	326
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.78	1.57	0.84	1.35	2.02	1.02	1.37
API Gravity, Weighted Average (degrees)	32.17	31.59	32.13	33.04	25.74	34.19	32.33
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>839</b>	<b>3,674</b>
Operating	1,547	95	1,642	2,375	454	839	3,669
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>17,970</b>	<b>109,515</b>	<b>84,629</b>	<b>5,819</b>	<b>3,134</b>	<b>221,067</b>	<b>16,145</b>	<b>81,137</b>	<b>462,522</b>
<b>Natural Gas Liquids and LRGs</b>	<b>867</b>	<b>4,159</b>	<b>2,545</b>	<b>136</b>	<b>151</b>	<b>7,858</b>	<b>516</b>	<b>1,586</b>	<b>13,021</b>
Pentanes Plus	406	1,305	828	97	23	2,659	153	515	4,295
Liquefied Petroleum Gases	461	2,854	1,717	39	128	5,199	363	1,071	8,726
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	237	995	534	0	0	1,766	128	406	2,312
Isobutane	224	1,859	1,183	39	128	3,433	235	665	6,414
<b>Other Liquids</b>	<b>-1,939</b>	<b>-9,161</b>	<b>-464</b>	<b>-14</b>	<b>-359</b>	<b>-11,937</b>	<b>-120</b>	<b>-28,066</b>	<b>-60,344</b>
Other Hydrocarbons/Oxygenates	221	1,156	904	29	23	2,333	239	1,125	4,619
Other Hydrocarbons/Hydrogen	142	1,126	904	29	8	2,209	174	1,050	3,944
Oxygenates	79	30	0	0	15	124	65	75	675
Fuel Ethanol (FE)	79	0	0	0	15	94	65	75	645
Methyl Tertiary Butyl Ether (MTBE)	0	30	0	0	0	30	0	0	30
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-362	8,275	6,515	28	138	14,594	-18	2,828	27,292
Naphthas and Lighter	142	1,071	962	7	121	2,303	157	55	5,305
Kerosene and Light Gas Oils	-37	-846	754	51	2	-76	-98	249	755
Heavy Gas Oils	-331	6,326	2,478	3	15	8,491	45	1,797	13,907
Residuum	-136	1,724	2,321	-33	0	3,876	-122	727	7,325
Motor Gasoline Blending Components (MGBC) (net)	-1,801	-18,552	-7,883	-71	-520	-28,827	-341	-32,019	-92,218
Reformulated	-900	-15,665	-3,165	0	-630	-20,360	0	-26,603	-66,217
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-900	-15,665	-3,165	0	-630	-20,360	0	-26,603	-66,217
Conventional	-901	-2,887	-4,718	-71	110	-8,467	-341	-5,416	-26,001
CBOB for Blending with Alcohol	-889	-2,395	-3,787	0	0	-7,071	-265	-5,423	-25,460
GTAB	0	0	0	0	0	0	0	0	0
Other	-12	-492	-931	-71	110	-1,396	-76	7	-541
Aviation Gasoline Blending Components (net)	3	-40	0	0	0	-37	0	0	-37
<b>Total Input to Refineries</b>	<b>16,898</b>	<b>104,513</b>	<b>86,710</b>	<b>5,941</b>	<b>2,926</b>	<b>216,988</b>	<b>16,541</b>	<b>54,657</b>	<b>415,199</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	602	3,694	2,933	182	104	7,516	543	2,912	15,768
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,610
Operable Utilization Rate (percent) <sup>b,c</sup>	89.8	90.5	88.1	85.4	85.9	89.3	89.9	91.2	89.5
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	154	1,367	1,026	18	34	2,599	168	762	5,192
Catalytic Hydrocracking	41	307	194	0	0	542	14	543	1,363
Delayed and Fluid Coking	29	701	453	12	0	1,196	55	508	2,172
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	1.02	1.92	1.48	1.68	0.51	1.65	1.37	1.34	1.45
API Gravity, Weighted Average (degrees)	37.07	28.09	29.57	30.0	39.33	29.60	32.64	27.66	30.18
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,610</b>
Operating	671	4,081	3,304	213	122	8,391	603	3,160	17,464
Idle	0	0	25	0	0	25	0	35	146
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,633</b>	<b>19,633</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>41,677</b>	<b>2,876</b>	<b>44,553</b>	<b>65,786</b>	<b>12,955</b>	<b>23,059</b>	<b>101,800</b>
<b>Natural Gas Liquids and LRGs</b>	<b>438</b>	<b>0</b>	<b>438</b>	<b>1,674</b>	<b>260</b>	<b>1,057</b>	<b>2,991</b>
Pentanes Plus	0	0	0	549	202	643	1,394
Liquefied Petroleum Gases	438	0	438	1,125	58	414	1,597
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	58	0	3	61
Isobutane	438	0	438	1,067	58	411	1,536
<b>Other Liquids</b>	<b>-3,943</b>	<b>-77</b>	<b>-4,020</b>	<b>-13,721</b>	<b>-3,506</b>	<b>-132</b>	<b>-17,359</b>
Other Hydrocarbons/Oxygenates	155	0	155	448	106	79	633
Other Hydrocarbons/Hydrogen	22	0	22	300	54	71	425
Oxygenates	133	0	133	148	52	8	208
Fuel Ethanol (FE)	133	0	133	148	52	8	208
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	7,166	-70	7,096	3,751	305	-203	3,853
Naphthas and Lighter	1,604	-29	1,575	1,347	140	-157	1,330
Kerosene and Light Gas Oils	-222	0	-222	664	-10	41	695
Heavy Gas Oils	2,185	-41	2,144	1,788	175	362	2,325
Residuum	3,599	0	3,599	-48	0	-449	-497
Motor Gasoline Blending Components (MGBC) (net)	-11,264	-7	-11,271	-17,920	-3,917	-8	-21,845
Reformulated	-11,380	0	-11,380	-7,264	-311	0	-7,575
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-11,380	0	-11,380	-7,264	-311	0	-7,575
Conventional	116	-7	109	-10,656	-3,606	-8	-14,270
CBOB for Blending with Alcohol	-402	0	-402	-10,978	-3,070	0	-14,048
GTAB	0	0	0	0	0	0	0
Other	518	-7	511	322	-536	-8	-222
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>38,172</b>	<b>2,799</b>	<b>40,971</b>	<b>53,739</b>	<b>9,709</b>	<b>23,984</b>	<b>87,432</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,306	93	1,399	2,153	419	744	3,317
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	839	3,674
Operable Utilization Rate (percent) <sup>b</sup>	80.3	97.7	81.3	90.4	92.2	88.8	90.3
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	616	16	632	679	126	197	1,001
Catalytic Hydrocracking	38	0	38	108	40	45	193
Delayed and Fluid Coking	90	0	90	157	59	79	295
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.85	1.61	0.90	1.36	2.07	0.97	1.36
API Gravity, Weighted Average (degrees)	31.54	31.30	31.53	32.52	26.93	33.85	32.13
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>839</b>	<b>3,674</b>
Operating	1,547	95	1,642	2,375	454	839	3,669
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,567</b>	<b>110,521</b>	<b>90,463</b>	<b>5,681</b>	<b>3,147</b>	<b>228,379</b>	<b>15,981</b>	<b>82,206</b>	<b>472,919</b>
<b>Natural Gas Liquids and LRGs</b>	<b>955</b>	<b>4,383</b>	<b>2,578</b>	<b>93</b>	<b>231</b>	<b>8,240</b>	<b>497</b>	<b>1,405</b>	<b>13,571</b>
Pentanes Plus	467	1,505	812	47	80	2,911	170	440	4,915
Liquefied Petroleum Gases	488	2,878	1,766	46	151	5,329	327	965	8,656
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	247	1,037	432	0	0	1,716	126	407	2,310
Isobutane	241	1,841	1,334	46	151	3,613	201	558	6,346
<b>Other Liquids</b>	<b>-1,664</b>	<b>-9,001</b>	<b>-1,546</b>	<b>-224</b>	<b>-351</b>	<b>-12,786</b>	<b>697</b>	<b>-29,013</b>	<b>-62,481</b>
Other Hydrocarbons/Oxygenates	264	1,542	1,076	28	27	2,937	273	1,172	5,170
Other Hydrocarbons/Hydrogen	182	1,412	1,076	28	9	2,707	182	1,091	4,427
Oxygenates	82	130	0	0	18	230	91	81	743
Fuel Ethanol (FE)	82	0	0	0	18	100	91	81	613
Methyl Tertiary Butyl Ether (MTBE)	0	130	0	0	0	130	0	0	130
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	357	9,584	6,721	-217	221	16,666	227	2,402	30,244
Naphthas and Lighter	230	882	278	8	145	1,543	-6	-374	4,068
Kerosene and Light Gas Oils	112	-1,013	1,847	-100	-1	845	-47	165	1,436
Heavy Gas Oils	14	7,996	2,194	-88	77	10,193	230	2,032	16,924
Residuum	1	1,719	2,402	-37	0	4,085	50	579	7,816
Motor Gasoline Blending Components (MGBC) (net)	-2,287	-20,127	-9,343	-35	-599	-32,391	197	-32,587	-97,897
Reformulated	-823	-17,437	-3,231	0	-504	-21,995	0	-28,196	-69,146
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-823	-17,437	-3,231	0	-504	-21,995	0	-28,196	-69,146
Conventional	-1,464	-2,690	-6,112	-35	-95	-10,396	197	-4,391	-28,751
CBOB for Blending with Alcohol	-1,006	-2,391	-5,267	0	0	-8,664	0	-4,982	-28,096
GTAB	0	0	0	0	0	0	0	0	0
Other	-458	-299	-845	-35	-95	-1,732	197	591	-655
Aviation Gasoline Blending Components (net)	2	0	0	0	0	2	0	0	2
<b>Total Input to Refineries</b>	<b>17,858</b>	<b>105,903</b>	<b>91,495</b>	<b>5,550</b>	<b>3,027</b>	<b>223,833</b>	<b>17,175</b>	<b>54,598</b>	<b>424,009</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	611	3,626	3,012	171	102	7,521	520	2,880	15,638
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,610
Operable Utilization Rate (percent) <sup>b,c</sup>	91.1	88.9	90.5	80.0	83.5	89.4	86.2	90.2	88.8
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	162	1,327	1,081	15	32	2,618	156	742	5,150
Catalytic Hydrocracking	46	290	203	0	0	539	8	505	1,284
Delayed and Fluid Coking	29	694	431	12	0	1,167	55	504	2,111
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.99	1.97	1.55	1.54	0.53	1.69	1.39	1.38	1.48
API Gravity, Weighted Average (degrees)	37.24	27.75	29.20	30.75	39.16	29.31	32.85	27.39	29.90
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,610</b>
Operating	671	4,081	3,304	213	122	8,391	603	3,160	17,464
Idle	0	0	25	0	0	25	0	35	146
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,232</b>	<b>19,232</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>42,424</b>	<b>2,956</b>	<b>45,380</b>	<b>64,173</b>	<b>13,220</b>	<b>23,388</b>	<b>100,781</b>
<b>Natural Gas Liquids and LRGs</b>	<b>433</b>	<b>0</b>	<b>433</b>	<b>1,332</b>	<b>226</b>	<b>1,042</b>	<b>2,600</b>
Pentanes Plus	0	0	0	546	174	585	1,305
Liquefied Petroleum Gases	433	0	433	786	52	457	1,295
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	0	0	0	10	0	5	15
Isobutane	433	0	433	776	52	452	1,280
<b>Other Liquids</b>	<b>-4,146</b>	<b>-61</b>	<b>-4,207</b>	<b>-13,914</b>	<b>-4,226</b>	<b>-261</b>	<b>-18,401</b>
Other Hydrocarbons/Oxygenates	156	0	156	399	112	86	597
Other Hydrocarbons/Hydrogen	23	0	23	242	54	75	371
Oxygenates	133	0	133	157	58	11	226
Fuel Ethanol (FE)	133	0	133	157	58	11	226
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	6,553	-45	6,508	3,549	-522	-306	2,721
Naphthas and Lighter	791	-24	767	1,346	-43	3	1,306
Kerosene and Light Gas Oils	-117	0	-117	1,036	-385	195	846
Heavy Gas Oils	1,582	-20	1,562	1,236	-94	93	1,235
Residuum	4,297	-1	4,296	-69	0	-597	-666
Motor Gasoline Blending Components (MGBC) (net)	-10,855	-16	-10,871	-17,862	-3,816	-41	-21,719
Reformulated	-11,509	0	-11,509	-6,538	-317	0	-6,855
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-11,509	0	-11,509	-6,538	-317	0	-6,855
Conventional	654	-16	638	-11,324	-3,499	-41	-14,864
CBOB for Blending with Alcohol	-510	0	-510	-12,221	-3,206	0	-15,427
GTAB	0	0	0	0	0	0	0
Other	1,164	-16	1,148	897	-293	-41	563
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>38,711</b>	<b>2,895</b>	<b>41,606</b>	<b>51,591</b>	<b>9,220</b>	<b>24,169</b>	<b>84,980</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,337	95	1,433	2,090	427	755	3,272
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	839	3,674
Operable Utilization Rate (percent) <sup>b</sup>	82.2	100.4	83.2	87.8	94.0	90.0	89.1
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	625	16	641	641	129	193	963
Catalytic Hydrocracking	36	0	36	96	27	54	177
Delayed and Fluid Coking	91	0	91	168	67	78	313
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.80	1.57	0.84	1.29	2.17	0.92	1.32
API Gravity, Weighted Average (degrees)	31.61	31.57	31.61	32.70	26.76	35.13	32.48
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>839</b>	<b>3,674</b>
Operating	1,547	95	1,642	2,375	454	839	3,669
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,351</b>	<b>108,091</b>	<b>82,768</b>	<b>4,954</b>	<b>3,417</b>	<b>217,581</b>	<b>16,750</b>	<b>82,874</b>	<b>463,366</b>
<b>Natural Gas Liquids and LRGs</b>	<b>882</b>	<b>4,305</b>	<b>2,375</b>	<b>55</b>	<b>172</b>	<b>7,789</b>	<b>510</b>	<b>1,430</b>	<b>12,762</b>
Pentanes Plus	442	1,356	887	24	5	2,714	195	434	4,648
Liquefied Petroleum Gases	440	2,949	1,488	31	167	5,075	315	996	8,114
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	242	1,066	433	0	0	1,741	121	433	2,310
Isobutane	198	1,883	1,055	31	167	3,334	194	563	5,804
<b>Other Liquids</b>	<b>-1,349</b>	<b>-10,409</b>	<b>-4,328</b>	<b>-228</b>	<b>-482</b>	<b>-16,796</b>	<b>-378</b>	<b>-26,979</b>	<b>-66,761</b>
Other Hydrocarbons/Oxygenates	270	1,448	989	26	28	2,761	295	1,194	5,003
Other Hydrocarbons/Hydrogen	189	1,414	989	26	9	2,627	185	1,058	4,264
Oxygenates	81	34	0	0	19	134	110	136	739
Fuel Ethanol (FE)	81	0	0	0	19	100	110	136	705
Methyl Tertiary Butyl Ether (MTBE)	0	34	0	0	0	34	0	0	34
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-2	9,173	5,571	-191	91	14,642	-371	2,849	26,349
Naphthas and Lighter	111	1,841	-903	-47	-8	994	117	-23	3,161
Kerosene and Light Gas Oils	-5	-721	1,489	7	-9	761	-363	73	1,200
Heavy Gas Oils	-99	7,516	2,660	-117	108	10,068	-153	2,188	14,900
Residuum	-9	537	2,325	-34	0	2,819	28	611	7,088
Motor Gasoline Blending Components (MGBC) (net)	-1,616	-21,030	-10,888	-63	-601	-34,198	-302	-31,022	-98,112
Reformulated	-967	-16,118	-3,292	0	-576	-20,953	0	-26,535	-65,852
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-967	-16,118	-3,292	0	-576	-20,953	0	-26,535	-65,852
Conventional	-649	-4,912	-7,596	-63	-25	-13,245	-302	-4,487	-32,260
CBOB for Blending with Alcohol	-838	-5,467	-6,040	0	0	-12,345	-163	-5,254	-33,699
GTAB	0	0	0	0	0	0	0	0	0
Other	189	555	-1,556	-63	-25	-900	-139	767	1,439
Aviation Gasoline Blending Components (net)	-1	0	0	0	0	-1	0	0	-1
<b>Total Input to Refineries</b>	<b>17,884</b>	<b>101,987</b>	<b>80,815</b>	<b>4,781</b>	<b>3,107</b>	<b>208,574</b>	<b>16,882</b>	<b>57,325</b>	<b>409,367</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	606	3,519	2,814	154	110	7,203	545	2,890	15,343
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,610
Operable Utilization Rate (percent) <sup>b,c</sup>	90.3	86.2	84.5	72.1	90.6	85.6	90.3	90.5	87.1
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	157	1,320	984	13	36	2,511	154	743	5,010
Catalytic Hydrocracking	46	290	195	0	0	531	12	528	1,284
Delayed and Fluid Coking	33	653	441	7	0	1,134	61	528	2,128
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.96	1.89	1.56	1.53	0.51	1.66	1.43	1.42	1.46
API Gravity, Weighted Average (degrees)	36.50	27.88	29.19	32.02	38.81	29.35	32.40	27.30	29.99
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,610</b>
Operating	671	4,081	3,304	213	122	8,391	603	3,160	17,464
Idle	0	0	25	0	0	25	0	35	146
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,613</b>	<b>19,613</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>40,880</b>	<b>2,797</b>	<b>43,677</b>	<b>61,363</b>	<b>10,753</b>	<b>24,264</b>	<b>96,380</b>
<b>Natural Gas Liquids and LRGs</b>	<b>665</b>	<b>0</b>	<b>665</b>	<b>1,473</b>	<b>144</b>	<b>882</b>	<b>2,499</b>
Pentanes Plus	0	0	0	402	106	401	909
Liquefied Petroleum Gases	665	0	665	1,071	38	481	1,590
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	109	0	109	223	3	0	226
Isobutane	556	0	556	848	35	481	1,364
<b>Other Liquids</b>	<b>-5,695</b>	<b>-51</b>	<b>-5,746</b>	<b>-16,212</b>	<b>-3,350</b>	<b>-342</b>	<b>-19,904</b>
Other Hydrocarbons/Oxygenates	171	0	171	436	86	108	630
Other Hydrocarbons/Hydrogen	18	0	18	289	38	97	424
Oxygenates	153	0	153	147	48	11	206
Fuel Ethanol (FE)	153	0	153	147	48	11	206
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	5,777	-42	5,735	1,923	203	-463	1,663
Naphthas and Lighter	755	-21	734	760	238	-47	951
Kerosene and Light Gas Oils	-535	0	-535	4	-75	-30	-101
Heavy Gas Oils	2,974	-20	2,954	1,466	40	79	1,585
Residuum	2,583	-1	2,582	-307	0	-465	-772
Motor Gasoline Blending Components (MGBC) (net)	-11,643	-9	-11,652	-18,571	-3,639	13	-22,197
Reformulated	-12,271	0	-12,271	-7,658	-305	0	-7,963
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-12,271	0	-12,271	-7,658	-305	0	-7,963
Conventional	628	-9	619	-10,913	-3,334	13	-14,234
CBOB for Blending with Alcohol	-297	0	-297	-11,481	-2,728	0	-14,209
GTAB	0	0	0	0	0	0	0
Other	925	-9	916	568	-606	13	-25
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>35,850</b>	<b>2,746</b>	<b>38,596</b>	<b>46,624</b>	<b>7,547</b>	<b>24,804</b>	<b>78,975</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,329	93	1,422	2,061	360	808	3,228
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	839	3,674
Operable Utilization Rate (percent) <sup>b</sup>	81.7	98.1	82.6	86.6	79.1	96.3	87.9
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	652	15	667	640	106	205	951
Catalytic Hydrocracking	39	0	39	119	39	59	217
Delayed and Fluid Coking	92	0	92	157	37	90	284
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.88	1.78	0.94	1.27	1.98	1.04	1.29
API Gravity, Weighted Average (degrees)	31.70	30.56	31.63	32.89	27.41	34.78	32.77
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>839</b>	<b>3,674</b>
Operating	1,547	95	1,642	2,375	454	839	3,669
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2008 (Continued)**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,329</b>	<b>58,899</b>	<b>60,363</b>	<b>5,848</b>	<b>3,258</b>	<b>146,697</b>	<b>16,277</b>	<b>79,750</b>	<b>382,781</b>
<b>Natural Gas Liquids and LRGs</b>	<b>971</b>	<b>2,934</b>	<b>2,091</b>	<b>105</b>	<b>165</b>	<b>6,266</b>	<b>497</b>	<b>1,829</b>	<b>11,756</b>
Pentanes Plus	467	819	722	64	4	2,076	174	666	3,825
Liquefied Petroleum Gases	504	2,115	1,369	41	161	4,190	323	1,163	7,931
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	289	1,070	564	0	0	1,923	130	641	3,029
Isobutane	215	1,045	805	41	161	2,267	193	522	4,902
<b>Other Liquids</b>	<b>-1,961</b>	<b>-7,409</b>	<b>-2,140</b>	<b>138</b>	<b>-414</b>	<b>-11,786</b>	<b>-773</b>	<b>-28,094</b>	<b>-66,303</b>
Other Hydrocarbons/Oxygenates	267	738	666	25	26	1,722	282	1,228	4,033
Other Hydrocarbons/Hydrogen	175	727	647	25	8	1,582	197	1,108	3,329
Oxygenates	92	11	19	0	18	140	85	120	704
Fuel Ethanol (FE)	92	0	19	0	18	129	85	120	693
Methyl Tertiary Butyl Ether (MTBE)	0	11	0	0	0	11	0	0	11
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	45	4,658	6,388	166	224	11,481	-473	1,838	20,244
Naphthas and Lighter	205	864	297	32	182	1,580	-80	-507	2,678
Kerosene and Light Gas Oils	12	-1,039	253	42	8	-724	-279	306	-1,333
Heavy Gas Oils	-131	4,436	4,137	130	34	8,606	10	1,652	14,807
Residuum	-41	397	1,701	-38	0	2,019	-124	387	4,092
Motor Gasoline Blending Components (MGBC) (net)	-2,274	-12,805	-9,194	-53	-664	-24,990	-582	-31,160	-90,581
Reformulated	-1,273	-9,144	-2,441	0	-670	-13,528	0	-26,042	-59,804
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,273	-9,144	-2,441	0	-670	-13,528	0	-26,042	-59,804
Conventional	-1,001	-3,661	-6,753	-53	6	-11,462	-582	-5,118	-30,777
CBOB for Blending with Alcohol	-926	-3,427	-4,902	0	0	-9,255	-278	-5,053	-29,092
GTAB	0	0	0	0	0	0	0	0	0
Other	-75	-234	-1,851	-53	6	-2,207	-304	-65	-1,685
Aviation Gasoline Blending Components (net)	1	0	0	0	0	1	0	0	1
<b>Total Input to Refineries</b>	<b>17,339</b>	<b>54,424</b>	<b>60,314</b>	<b>6,091</b>	<b>3,009</b>	<b>141,177</b>	<b>16,001</b>	<b>53,485</b>	<b>328,234</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	623	2,019	2,099	184	109	5,034	547	2,907	13,139
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	603	3,195	17,610
Operable Utilization Rate (percent) <sup>b,c</sup>	92.9	49.5	63.1	86.2	89.3	59.8	90.6	91.0	74.6
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	160	808	814	18	34	1,833	156	747	4,355
Catalytic Hydrocracking	51	190	146	0	0	387	14	522	1,179
Delayed and Fluid Coking	33	374	318	11	0	736	58	522	1,691
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.92	1.99	1.66	1.77	0.56	1.68	1.41	1.40	1.43
API Gravity, Weighted Average (degrees)	37.0	27.82	29.64	29.97	39.16	30.05	32.32	27.30	30.44
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>603</b>	<b>3,195</b>	<b>17,610</b>
Operating	671	3,849	1,046	213	122	5,900	603	3,145	14,959
Idle	0	232	2,284	0	0	2,516	0	50	2,651
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,075</b>	<b>18,075</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>43,523</b>	<b>2,799</b>	<b>46,322</b>	<b>63,100</b>	<b>11,881</b>	<b>23,926</b>	<b>98,907</b>
<b>Natural Gas Liquids and LRGs</b>	<b>763</b>	<b>0</b>	<b>763</b>	<b>2,407</b>	<b>284</b>	<b>835</b>	<b>3,526</b>
Pentanes Plus	0	0	0	806	217	353	1,376
Liquefied Petroleum Gases	763	0	763	1,601	67	482	2,150
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	245	0	245	864	26	15	905
Isobutane	518	0	518	737	41	467	1,245
<b>Other Liquids</b>	<b>-7,095</b>	<b>-89</b>	<b>-7,184</b>	<b>-17,046</b>	<b>-4,129</b>	<b>-604</b>	<b>-21,779</b>
Other Hydrocarbons/Oxygenates	168	0	168	446	105	112	663
Other Hydrocarbons/Hydrogen	22	0	22	304	52	100	456
Oxygenates	146	0	146	142	53	12	207
Fuel Ethanol (FE)	146	0	146	142	53	12	207
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	4,968	-98	4,870	1,992	136	-640	1,488
Naphthas and Lighter	850	-46	804	847	145	-218	774
Kerosene and Light Gas Oils	-377	0	-377	390	41	26	457
Heavy Gas Oils	2,153	-51	2,102	490	-50	21	461
Residuum	2,342	-1	2,341	265	0	-469	-204
Motor Gasoline Blending Components (MGBC) (net)	-12,231	9	-12,222	-19,484	-4,370	-76	-23,930
Reformulated	-12,692	0	-12,692	-8,212	-505	0	-8,717
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-12,692	0	-12,692	-8,212	-505	0	-8,717
Conventional	461	9	470	-11,272	-3,865	-76	-15,213
CBOB for Blending with Alcohol	-487	0	-487	-12,550	-3,327	0	-15,877
GTAB	0	0	0	0	0	0	0
Other	948	9	957	1,278	-538	-76	664
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>37,191</b>	<b>2,710</b>	<b>39,901</b>	<b>48,461</b>	<b>8,036</b>	<b>24,157</b>	<b>80,654</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,375	90	1,465	2,056	385	772	3,213
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	845	3,680
Operable Utilization Rate (percent) <sup>b</sup>	84.5	95.0	85.1	86.4	84.7	91.4	87.3
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	644	16	660	638	121	197	956
Catalytic Hydrocracking	35	0	35	136	39	50	226
Delayed and Fluid Coking	87	0	87	139	50	88	277
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.84	1.74	0.89	1.23	2.02	1.02	1.28
API Gravity, Weighted Average (degrees)	31.54	31.11	31.51	33.42	27.56	35.44	33.19
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>845</b>	<b>3,680</b>
Operating	1,547	95	1,642	2,375	454	845	3,675
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>18,431</b>	<b>95,779</b>	<b>86,746</b>	<b>6,100</b>	<b>3,426</b>	<b>210,482</b>	<b>16,684</b>	<b>78,730</b>	<b>451,125</b>
<b>Natural Gas Liquids and LRGs</b>	<b>986</b>	<b>5,212</b>	<b>3,300</b>	<b>117</b>	<b>150</b>	<b>9,765</b>	<b>580</b>	<b>2,169</b>	<b>16,803</b>
Pentanes Plus	423	1,485	939	82	0	2,929	182	784	5,271
Liquefied Petroleum Gases	563	3,727	2,361	35	150	6,836	398	1,385	11,532
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	309	1,786	991	0	0	3,086	237	795	5,268
Isobutane	254	1,941	1,370	35	150	3,750	161	590	6,264
<b>Other Liquids</b>	<b>-2,429</b>	<b>-11,008</b>	<b>-4,051</b>	<b>-185</b>	<b>-432</b>	<b>-18,105</b>	<b>-132</b>	<b>-30,390</b>	<b>-77,590</b>
Other Hydrocarbons/Oxygenates	279	1,398	1,033	28	30	2,768	320	1,219	5,138
Other Hydrocarbons/Hydrogen	162	1,383	995	26	9	2,575	223	1,095	4,371
Oxygenates	117	15	38	2	21	193	97	124	767
Fuel Ethanol (FE)	117	0	38	2	21	178	97	124	752
Methyl Tertiary Butyl Ether (MTBE)	0	15	0	0	0	15	0	0	15
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	-329	7,639	7,391	-165	145	14,681	-190	1,299	22,148
Naphthas and Lighter	-221	1,701	-44	-13	141	1,564	-114	-460	2,568
Kerosene and Light Gas Oils	66	-679	1,538	-98	14	841	-195	209	935
Heavy Gas Oils	-33	6,954	4,903	-16	-10	11,798	238	1,592	16,191
Residuum	-141	-337	994	-38	0	478	-119	-42	2,454
Motor Gasoline Blending Components (MGBC) (net)	-2,377	-20,099	-12,475	-48	-607	-35,606	-262	-32,908	-104,928
Reformulated	-1,571	-15,921	-3,782	0	-670	-21,944	0	-27,236	-70,589
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,571	-15,921	-3,782	0	-670	-21,944	0	-27,236	-70,589
Conventional	-806	-4,178	-8,693	-48	63	-13,662	-262	-5,672	-34,339
CBOB for Blending with Alcohol	-822	-3,178	-7,456	-10	0	-11,466	-250	-4,982	-33,062
GTAB	0	0	0	0	0	0	0	0	0
Other	16	-1,000	-1,237	-38	63	-2,196	-12	-690	-1,277
Aviation Gasoline Blending Components (net)	-2	54	0	0	0	52	0	0	52
<b>Total Input to Refineries</b>	<b>16,988</b>	<b>89,983</b>	<b>85,995</b>	<b>6,032</b>	<b>3,144</b>	<b>202,142</b>	<b>17,132</b>	<b>50,509</b>	<b>390,338</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	605	3,171	2,878	189	111	6,952	543	2,864	15,037
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operable Utilization Rate (percent) <sup>b,c</sup>	90.2	77.7	86.4	88.5	90.9	82.6	89.3	89.6	85.3
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	175	1,143	1,074	18	33	2,443	167	698	4,925
Catalytic Hydrocracking	20	263	214	0	0	497	14	501	1,273
Delayed and Fluid Coking	30	584	419	8	0	1,042	57	465	1,928
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.99	1.98	1.55	1.49	0.53	1.68	1.49	1.38	1.45
API Gravity, Weighted Average (degrees)	37.62	27.53	28.89	30.88	38.91	29.28	31.56	27.52	30.13
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>608</b>	<b>3,195</b>	<b>17,621</b>
Operating	671	3,922	3,304	213	122	8,232	603	3,160	17,311
Idle	0	159	25	0	0	184	5	35	310
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,854</b>	<b>21,854</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>37,789</b>	<b>2,590</b>	<b>40,379</b>	<b>62,709</b>	<b>13,313</b>	<b>21,747</b>	<b>97,769</b>
<b>Natural Gas Liquids and LRGs</b>	<b>531</b>	<b>0</b>	<b>531</b>	<b>3,010</b>	<b>258</b>	<b>542</b>	<b>3,810</b>
Pentanes Plus	0	0	0	747	142	254	1,143
Liquefied Petroleum Gases	531	0	531	2,263	116	288	2,667
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	185	0	185	1,234	78	0	1,312
Isobutane	346	0	346	1,029	38	288	1,355
<b>Other Liquids</b>	<b>-5,736</b>	<b>-4</b>	<b>-5,740</b>	<b>-16,616</b>	<b>-4,131</b>	<b>-1,142</b>	<b>-21,889</b>
Other Hydrocarbons/Oxygenates	155	0	155	439	125	111	675
Other Hydrocarbons/Hydrogen	23	0	23	314	63	100	477
Oxygenates	132	0	132	125	62	11	198
Fuel Ethanol (FE)	132	0	132	125	62	11	198
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	6,246	2	6,248	2,718	226	-1,216	1,728
Naphthas and Lighter	829	25	854	1,237	49	-100	1,186
Kerosene and Light Gas Oils	-634	0	-634	67	33	28	128
Heavy Gas Oils	3,014	-19	2,995	1,614	144	-582	1,176
Residuum	3,037	-4	3,033	-200	0	-562	-762
Motor Gasoline Blending Components (MGBC) (net)	-12,137	-6	-12,143	-19,773	-4,482	-37	-24,292
Reformulated	-11,814	0	-11,814	-8,172	-255	0	-8,427
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-11,814	0	-11,814	-8,172	-255	0	-8,427
Conventional	-323	-6	-329	-11,601	-4,227	-37	-15,865
CBOB for Blending with Alcohol	-263	0	-263	-12,440	-3,602	0	-16,042
GTAB	0	0	0	0	0	0	0
Other	-60	-6	-66	839	-625	-37	177
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>32,584</b>	<b>2,586</b>	<b>35,170</b>	<b>49,103</b>	<b>9,440</b>	<b>21,147</b>	<b>79,690</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,243	86	1,329	2,110	445	727	3,282
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	845	3,680
Operable Utilization Rate (percent) <sup>b</sup>	76.4	90.9	77.2	88.6	97.9	86.0	89.2
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	631	14	645	689	141	168	998
Catalytic Hydrocracking	37	0	37	122	44	49	215
Delayed and Fluid Coking	85	0	85	180	65	78	323
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.60	1.64	0.66	1.30	2.16	1.07	1.37
API Gravity, Weighted Average (degrees)	34.10	31.93	33.96	32.89	26.34	35.24	32.52
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>845</b>	<b>3,680</b>
Operating	1,547	95	1,642	2,375	454	845	3,675
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>16,540</b>	<b>98,823</b>	<b>83,101</b>	<b>4,953</b>	<b>3,330</b>	<b>206,747</b>	<b>16,214</b>	<b>77,075</b>	<b>438,184</b>
<b>Natural Gas Liquids and LRGs</b>	<b>965</b>	<b>5,315</b>	<b>2,830</b>	<b>118</b>	<b>162</b>	<b>9,390</b>	<b>580</b>	<b>2,389</b>	<b>16,700</b>
Pentanes Plus	435	1,517	741	70	0	2,763	125	793	4,824
Liquefied Petroleum Gases	530	3,798	2,089	48	162	6,627	455	1,596	11,876
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	345	1,765	1,023	0	0	3,133	303	999	5,932
Isobutane	185	2,033	1,066	48	162	3,494	152	597	5,944
<b>Other Liquids</b>	<b>-1,930</b>	<b>-13,863</b>	<b>-6,693</b>	<b>-309</b>	<b>-516</b>	<b>-23,311</b>	<b>87</b>	<b>-30,463</b>	<b>-81,316</b>
Other Hydrocarbons/Oxygenates	240	1,368	1,048	25	30	2,711	330	1,174	5,045
Other Hydrocarbons/Hydrogen	157	1,360	1,004	20	10	2,551	206	1,078	4,335
Oxygenates	83	8	44	5	20	160	124	96	710
Fuel Ethanol (FE)	83	0	44	5	20	152	124	96	702
Methyl Tertiary Butyl Ether (MTBE)	0	8	0	0	0	8	0	0	8
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	189	7,809	5,919	-278	323	13,962	264	1,114	23,316
Naphthas and Lighter	-92	1,790	-221	1	253	1,731	97	-685	3,183
Kerosene and Light Gas Oils	93	-1,857	1,036	-63	23	-768	-206	41	-1,439
Heavy Gas Oils	175	6,887	3,458	-173	47	10,394	136	1,672	16,373
Residuum	13	989	1,646	-43	0	2,605	237	86	5,199
Motor Gasoline Blending Components (MGBC) (net)	-2,363	-23,040	-13,660	-56	-869	-39,988	-507	-32,751	-109,681
Reformulated	-1,378	-14,907	-2,854	0	-826	-19,965	0	-27,707	-67,913
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,378	-14,907	-2,854	0	-826	-19,965	0	-27,707	-67,913
Conventional	-985	-8,133	-10,806	-56	-43	-20,023	-507	-5,044	-41,768
CBOB for Blending with Alcohol	-1,001	-7,046	-8,489	-12	0	-16,548	-284	-4,470	-37,607
GTAB	0	0	0	0	0	0	0	0	0
Other	16	-1,087	-2,317	-44	-43	-3,475	-223	-574	-4,161
Aviation Gasoline Blending Components (net)	4	0	0	0	0	4	0	0	4
<b>Total Input to Refineries</b>	<b>15,575</b>	<b>90,275</b>	<b>79,238</b>	<b>4,762</b>	<b>2,976</b>	<b>192,826</b>	<b>16,881</b>	<b>49,001</b>	<b>373,568</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	557	3,387	2,893	157	111	7,105	546	2,853	15,115
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operable Utilization Rate (percent) <sup>b,c</sup>	83.1	83.0	86.9	73.5	91.3	84.4	89.7	89.3	85.8
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	160	1,280	996	16	36	2,489	163	710	5,005
Catalytic Hydrocracking	38	301	201	0	0	541	12	513	1,318
Delayed and Fluid Coking	29	658	403	8	0	1,099	64	480	2,051
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	0.99	2.01	1.68	1.65	0.43	1.76	1.45	1.33	1.48
API Gravity, Weighted Average (degrees)	37.67	27.19	29.08	31.09	39.44	29.06	32.19	26.68	29.97
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>608</b>	<b>3,195</b>	<b>17,621</b>
Operating	671	4,081	3,304	213	122	8,391	603	3,107	17,417
Idle	0	0	25	0	0	25	5	88	204
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,917</b>	<b>21,917</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 17a. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1			PAD District 2			
	East Coast	Appalachian No. 1	Total	IN, IL, KY	MN, WI, ND, SD	OK, KS, MO	Total
<b>Crude Oil</b>	<b>36,927</b>	<b>2,814</b>	<b>39,741</b>	<b>62,988</b>	<b>13,367</b>	<b>20,660</b>	<b>97,015</b>
<b>Natural Gas Liquids and LRGs</b>	<b>775</b>	<b>0</b>	<b>775</b>	<b>3,128</b>	<b>256</b>	<b>884</b>	<b>4,268</b>
Pentanes Plus	0	0	0	593	125	476	1,194
Liquefied Petroleum Gases	775	0	775	2,535	131	408	3,074
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	217	0	217	1,450	102	22	1,574
Isobutane	558	0	558	1,085	29	386	1,500
<b>Other Liquids</b>	<b>-6,314</b>	<b>-3</b>	<b>-6,317</b>	<b>-17,679</b>	<b>-4,363</b>	<b>589</b>	<b>-21,453</b>
Other Hydrocarbons/Oxygenates	158	0	158	423	114	123	660
Other Hydrocarbons/Hydrogen	21	0	21	284	60	110	454
Oxygenates	137	0	137	139	54	13	206
Fuel Ethanol (FE)	137	0	137	139	54	13	206
Methyl Tertiary Butyl Ether (MTBE)	0	0	0	0	0	0	0
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0
Unfinished Oils (net)	5,531	-23	5,508	1,843	-54	475	2,264
Naphthas and Lighter	831	-30	801	1,431	15	43	1,489
Kerosene and Light Gas Oils	86	0	86	-110	-146	111	-145
Heavy Gas Oils	2,178	8	2,186	725	77	711	1,513
Residuum	2,436	-1	2,435	-203	0	-390	-593
Motor Gasoline Blending Components (MGBC) (net)	-12,003	20	-11,983	-19,945	-4,423	-9	-24,377
Reformulated	-10,634	0	-10,634	-8,741	-327	0	-9,068
GTAB	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-10,634	0	-10,634	-8,741	-327	0	-9,068
Conventional	-1,369	20	-1,349	-11,204	-4,096	-9	-15,309
CBOB for Blending with Alcohol	-2,082	0	-2,082	-12,387	-3,390	0	-15,777
GTAB	0	0	0	0	0	0	0
Other	713	20	733	1,183	-706	-9	468
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>31,388</b>	<b>2,811</b>	<b>34,199</b>	<b>48,437</b>	<b>9,260</b>	<b>22,133</b>	<b>79,830</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average)	1,198	91	1,288	2,055	433	666	3,155
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	845	3,680
Operable Utilization Rate (percent) <sup>b</sup>	73.6	95.6	74.8	86.3	95.3	78.9	85.7
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Cracking	567	16	583	660	134	184	978
Catalytic Hydrocracking	33	0	33	101	43	55	199
Delayed and Fluid Coking	72	0	72	178	57	78	313
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent)	0.57	1.49	0.63	1.34	2.07	1.03	1.37
API Gravity, Weighted Average (degrees)	32.86	32.26	32.82	32.85	27.11	35.16	32.55
<b>Operable Capacity (daily average)</b>	<b>1,627</b>	<b>95</b>	<b>1,722</b>	<b>2,381</b>	<b>454</b>	<b>845</b>	<b>3,680</b>
Operating	1,547	95	1,642	2,375	454	845	3,675
Idle	80	0	80	6	0	0	6
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

See footnotes at end of table.

**Table 17b. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008 (Continued)**

(Thousand Barrels, Except Where Noted)

Commodity	PAD District 3						PAD Dist. 4	PAD Dist. 5	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	Rocky Mt.	West Coast	
<b>Crude Oil</b>	<b>16,283</b>	<b>102,706</b>	<b>89,622</b>	<b>5,124</b>	<b>3,066</b>	<b>216,801</b>	<b>16,063</b>	<b>75,299</b>	<b>444,919</b>
<b>Natural Gas Liquids and LRGs</b>	<b>804</b>	<b>5,829</b>	<b>2,830</b>	<b>178</b>	<b>168</b>	<b>9,809</b>	<b>552</b>	<b>2,415</b>	<b>17,819</b>
Pentanes Plus	345	1,780	467	62	0	2,654	125	759	4,732
Liquefied Petroleum Gases	459	4,049	2,363	116	168	7,155	427	1,656	13,087
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	280	1,820	1,182	54	0	3,336	319	1,007	6,453
Isobutane	179	2,229	1,181	62	168	3,819	108	649	6,634
<b>Other Liquids</b>	<b>-2,016</b>	<b>-14,468</b>	<b>-4,867</b>	<b>-6</b>	<b>-516</b>	<b>-21,873</b>	<b>234</b>	<b>-28,735</b>	<b>-78,144</b>
Other Hydrocarbons/Oxygenates	204	1,450	962	23	16	2,655	311	1,147	4,931
Other Hydrocarbons/Hydrogen	183	1,448	919	17	9	2,576	195	1,029	4,275
Oxygenates	21	2	43	6	7	79	116	118	656
Fuel Ethanol (FE)	21	0	43	6	7	77	116	118	654
Methyl Tertiary Butyl Ether (MTBE)	0	2	0	0	0	2	0	0	2
All Other Oxygenates <sup>a</sup>	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	12	9,009	7,867	18	305	17,211	129	1,450	26,562
Naphthas and Lighter	-155	2,168	-309	50	262	2,016	31	302	4,639
Kerosene and Light Gas Oils	49	-1,589	2,516	-47	13	942	-203	224	904
Heavy Gas Oils	160	6,873	3,586	40	30	10,689	363	901	15,652
Residuum	-42	1,557	2,074	-25	0	3,564	-62	23	5,367
Motor Gasoline Blending Components (MGBC) (net)	-2,232	-24,927	-13,696	-47	-837	-41,739	-206	-31,332	-109,637
Reformulated	-1,495	-14,815	-3,616	0	-850	-20,776	0	-27,376	-67,854
GTAB	0	0	0	0	0	0	0	0	0
RBOB for Blending with Ether	0	0	0	0	0	0	0	0	0
RBOB for Blending with Alcohol	-1,495	-14,815	-3,616	0	-850	-20,776	0	-27,376	-67,854
Conventional	-737	-10,112	-10,080	-47	13	-20,963	-206	-3,956	-41,783
CBOB for Blending with Alcohol	-868	-7,823	-8,835	-14	0	-17,540	-265	-4,436	-40,100
GTAB	0	0	0	0	0	0	0	0	0
Other	131	-2,289	-1,245	-33	13	-3,423	59	480	-1,683
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0	0	0
<b>Total Input to Refineries</b>	<b>15,071</b>	<b>94,067</b>	<b>87,585</b>	<b>5,296</b>	<b>2,718</b>	<b>204,737</b>	<b>16,849</b>	<b>48,979</b>	<b>384,594</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average)	531	3,351	2,988	158	99	7,126	523	2,696	14,787
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operable Utilization Rate (percent) <sup>b,c</sup>	79.2	82.1	89.8	73.9	81.3	84.7	85.9	84.4	83.9
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Cracking	136	1,302	1,077	19	31	2,565	158	648	4,932
Catalytic Hydrocracking	40	294	179	0	0	513	13	491	1,249
Delayed and Fluid Coking	26	659	430	8	0	1,123	58	459	2,026
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent)	1.08	2.08	1.65	1.56	0.46	1.78	1.42	1.34	1.50
API Gravity, Weighted Average (degrees)	36.88	27.27	29.44	32.45	39.89	29.23	31.84	26.97	29.99
<b>Operable Capacity (daily average)</b>	<b>671</b>	<b>4,081</b>	<b>3,329</b>	<b>213</b>	<b>122</b>	<b>8,416</b>	<b>608</b>	<b>3,195</b>	<b>17,621</b>
Operating	613	4,081	3,304	213	122	8,333	603	3,142	17,394
Idle	58	0	25	0	0	83	5	53	227
<b>Alaskan Crude Oil Receipts</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,574</b>	<b>20,574</b>

<sup>a</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>b</sup> Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."