

Table 29. 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
Crude Oil	36,927	2,814	39,741	62,988	13,367	20,660	97,015
Natural Gas Liquids and LRGs	775	0	775	3,128	256	884	4,268
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
Other Liquids	-6,314	-3	-6,317	-17,679	-4,363	589	-21,453
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 ^a	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
Total Input to Refineries	31,388	2,811	34,199	48,437	9,260	22,133	79,830
Atmospheric Crude Oil Distillation							
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) ^b	73.6	95.6	74.8	86.3	95.3	78.9	85.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	567	16	583	660	134	184	978
Catalytic Hydrocracking	33	0	33	101	94	55	250
Delayed and Fluid Coking	72	0	72	178	57	78	313
Crude Oil Qualities							
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
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	845	3,680
Operating	1,547	95	1,642	2,375	454	845	3,675
Idle	80	0	80	6	0	0	6
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0

See footnotes at end of table.

Table 29. 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.	PAD Dist.	U. S. Total
	Texas Inland	Texas Gulf Coast	LA Gulf Coast	N. LA, AR	New Mexico	Total	4 Rocky Mt.	5 West Coast	
Crude Oil	16,283	102,706	89,622	5,128	3,066	216,805	16,073	75,299	444,933
Natural Gas Liquids and LRGs	803	5,829	2,830	178	168	9,808	552	2,415	17,818
Pentanes Plus	345	1,780	467	62	0	2,654	125	759	4,732
Liquefied Petroleum Gases	458	4,049	2,363	116	168	7,154	427	1,656	13,086
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	279	1,820	1,182	54	0	3,335	319	1,007	6,452
Isobutane	179	2,229	1,181	62	168	3,819	108	649	6,634
Other Liquids	-2,016	-14,468	-4,867	8	-516	-21,859	234	-28,735	-78,130
Other Hydrocarbons/Oxygenates	204	1,450	962	23	16	2,655	311	1,147	4,931
Other Hydrocarbons/Hydrogen	183	1,448	919	23	9	2,582	197	1,029	4,283
Oxygenates	21	2	43	0	7	73	114	118	648
Fuel Ethanol (FE)	21	0	43	0	7	71	114	118	646
Methyl Tertiary Butyl Ether (MTBE)	0	2	0	0	0	2	0	0	2
All Other Oxygenates ^a	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	-33	-837	-41,725	-206	-31,332	-109,623
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	-33	13	-20,949	-206	-3,956	-41,769
CBOB for Blending with Alcohol	-868	-7,823	-8,835	0	0	-17,526	-265	-4,436	-40,086
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
Total Input to Refineries	15,070	94,067	87,585	5,314	2,718	204,754	16,859	48,979	384,621
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	531	3,351	2,988	158	99	7,126	523	2,696	14,788
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operable Utilization Rate (percent) ^{b,c}	79.2	82.1	89.8	73.9	81.3	84.7	86.0	84.4	83.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	136	1,302	1,077	19	31	2,565	158	601	4,886
Catalytic Hydrocracking	40	294	179	0	0	513	13	491	1,300
Delayed and Fluid Coking	26	659	430	8	0	1,123	58	459	2,026
Crude Oil Qualities									
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
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
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
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	20,574	20,574

^a 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).

^b 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."