

Table 29. 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
Crude Oil	37,789	2,590	40,379	62,709	13,313	21,747	97,769
Natural Gas Liquids and LRGs	531	0	531	3,010	258	542	3,810
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
Other Liquids	-6,336	-4	-6,340	-15,278	-4,131	-1,142	-20,551
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 ^a	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)	-12,737	-6	-12,743	-18,435	-4,482	-37	-22,954
Reformulated	-12,414	0	-12,414	-8,472	-255	0	-8,727
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	-12,414	0	-12,414	-8,472	-255	0	-8,727
Conventional	-323	-6	-329	-9,963	-4,227	-37	-14,227
CBOB for Blending with Alcohol	-263	0	-263	-9,054	-3,602	0	-12,656
GTAB	0	0	0	0	0	0	0
Other	-60	-6	-66	-909	-625	-37	-1,571
Aviation Gasoline Blending Components (net)	0	0	0	0	0	0	0
Total Input to Refineries	31,984	2,586	34,570	50,441	9,440	21,147	81,028
Atmospheric Crude Oil Distillation							
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) ^b	76.4	90.9	77.2	88.6	97.9	86.0	89.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	631	14	645	689	141	168	998
Catalytic Hydrocracking	37	0	37	122	99	49	270
Delayed and Fluid Coking	85	0	85	180	65	78	323
Crude Oil Qualities							
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
Operable Capacity (daily average)	1,627	95	1,722	2,381	454	845	3,680
Operating	1,627	95	1,722	2,375	454	845	3,675
Idle	0	0	0	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, November 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	16,540	98,794	83,101	4,937	3,330	206,702	16,214	77,075	438,139
Natural Gas Liquids and LRGs	965	5,315	2,830	118	162	9,390	580	2,389	16,700
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
Other Liquids	-1,930	-14,463	-6,693	-230	-516	-23,832	87	-31,055	-81,691
Other Hydrocarbons/Oxygenates	240	1,368	1,048	20	30	2,706	330	1,174	5,040
Other Hydrocarbons/Hydrogen	157	1,360	1,004	20	10	2,551	206	1,078	4,335
Oxygenates	83	8	44	0	20	155	124	96	705
Fuel Ethanol (FE)	83	0	44	0	20	147	124	96	697
Methyl Tertiary Butyl Ether (MTBE)	0	8	0	0	0	8	0	0	8
All Other Oxygenates ^a	0	0	0	0	0	0	0	0	0
Unfinished Oils (net)	189	7,809	5,919	-211	323	14,029	264	1,114	23,383
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	-106	47	10,461	136	1,672	16,440
Residuum	13	989	1,646	-43	0	2,605	237	86	5,199
Motor Gasoline Blending Components (MGBC) (net)	-2,363	-23,640	-13,660	-39	-869	-40,571	-507	-33,343	-110,118
Reformulated	-1,378	-15,507	-2,854	0	-826	-20,565	0	-27,045	-68,751
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	-15,507	-2,854	0	-826	-20,565	0	-27,045	-68,751
Conventional	-985	-8,133	-10,806	-39	-43	-20,006	-507	-6,298	-41,367
CBOB for Blending with Alcohol	-1,001	-7,046	-8,489	0	0	-16,536	-284	-5,724	-35,463
GTAB	0	0	0	0	0	0	0	0	0
Other	16	-1,087	-2,317	-39	-43	-3,470	-223	-574	-5,904
Aviation Gasoline Blending Components (net)	4	0	0	0	0	4	0	0	4
Total Input to Refineries	15,575	89,646	79,238	4,825	2,976	192,260	16,881	48,409	373,148
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	557	3,387	2,902	156	111	7,113	546	2,853	15,123
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operable Utilization Rate (percent) ^{b,c}	83.1	83.0	87.2	73.2	91.3	84.5	89.7	89.3	85.8
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	160	1,280	996	16	36	2,489	163	659	4,954
Catalytic Hydrocracking	38	301	201	0	0	541	12	513	1,372
Delayed and Fluid Coking	29	658	403	8	0	1,099	64	480	2,051
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.99	2.01	1.68	1.66	0.43	1.76	1.45	1.33	1.49
API Gravity, Weighted Average (degrees)	37.67	27.19	29.08	31.12	39.44	29.06	32.19	26.68	29.97
Operable Capacity (daily average)	671	4,081	3,329	213	122	8,416	608	3,195	17,621
Operating	671	4,081	3,304	213	122	8,391	608	3,107	17,502
Idle	0	0	25	0	0	25	0	88	119
Alaskan Crude Oil Receipts	0	0	0	0	0	0	0	21,917	21,917

^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."