

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2024
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,653	2,630	22,283	72,475	16,562	25,170	114,207
Hydrocarbon Gas Liquids	436	—	436	2,687	92	874	3,653
Natural Gas Liquids	436	—	436	2,687	92	874	3,653
Normal Butane	303	—	303	674	—	59	733
Isobutane	133	—	133	1,371	92	354	1,817
Natural Gasoline	—	—	—	642	—	461	1,103
Other Liquids	-8,924	50	-8,874	-36,388	-6,553	-11,111	-54,052
Hydrogen/Biofuels/Other Hydrocarbons	166	128	294	872	485	459	1,816
Hydrogen	100	10	110	646	284	218	1,148
Biofuels (including Fuel Ethanol)	66	118	184	215	201	241	657
Fuel Ethanol	66	102	168	188	182	153	523
Biodiesel	—	16	16	27	19	24	70
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	64	64
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils (net)	694	7	701	-328	-23	498	147
Naphthas and Lighter	57	19	76	567	14	480	1,061
Kerosene and Light Gas Oils	173	—	173	-333	-37	15	-355
Heavy Gas Oils	406	-11	395	-87	0	168	81
Residuum	58	-1	57	-475	—	-165	-640
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,784	-85	-9,869	-36,932	-7,015	-12,068	-56,015
Reformulated - RBOB	-6,130	—	-6,130	-6,048	—	—	-6,048
Conventional	-3,654	-85	-3,739	-30,884	-7,015	-12,068	-49,967
CBOB	-3,156	-66	-3,222	-30,171	-6,987	-12,199	-49,357
GTAB	—	—	—	—	—	—	—
Other	-498	-19	-517	-713	-28	131	-610
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	11,165	2,680	13,845	38,774	10,101	14,933	63,808
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	666	88	753	2,414	532	837	3,783
Operable Capacity (daily average)	812	98	910	2,741	557	955	4,254
Operable Utilization Rate (percent) ²	82.1	89.1	82.8	88.1	95.5	87.6	89.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	112	15	127	439	76	159	674
Catalytic Cracking	227	14	241	679	138	197	1,014
Catalytic Hydrocracking	42	—	42	204	65	48	317
Delayed and Fluid Coking	37	—	37	262	79	77	419
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.79	1.76	0.90	1.29	1.98	0.52	1.22
API Gravity, Weighted Average (degrees)	35.25	31.87	34.86	33.91	27.21	39.78	34.15
Operable Capacity (daily average)	812	98	910	2,741	557	955	4,254
Operating	720	98	818	2,741	557	955	4,254
Idle	92	—	92	—	—	—	—
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2024
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,507	152,941	91,252	7,058	2,880	275,638	18,385	66,098	496,611
Hydrocarbon Gas Liquids	483	6,614	3,253	66	157	10,573	535	1,417	16,614
Natural Gas Liquids	483	6,614	3,253	66	157	10,573	535	1,417	16,614
Normal Butane	147	2,784	1,186	27	31	4,175	250	839	6,300
Isobutane	335	3,047	1,313	36	126	4,857	174	562	7,543
Natural Gasoline	1	783	754	3	—	1,541	111	16	2,771
Other Liquids	-9,683	-60,867	-33,074	-1,531	-1,359	-106,514	-4,506	-31,735	-205,681
Hydrogen/Biofuels/Other Hydrocarbons	351	2,503	1,719	120	53	4,746	562	1,480	8,898
Hydrogen	122	2,338	1,461	64	32	4,017	233	1,167	6,675
Biofuels (including Fuel Ethanol)	229	165	258	56	21	729	329	313	2,212
Fuel Ethanol	185	43	213	56	9	506	269	100	1,566
Biodiesel	44	1	40	—	—	85	16	10	197
Renewable Diesel Fuel	—	—	—	—	—	—	—	203	203
Other Biofuels ¹	—	121	5	—	12	138	44	—	246
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils (net)	339	-8,270	3,988	197	-41	-3,787	246	-347	-3,040
Naphthas and Lighter	23	-8,318	-776	39	12	-9,020	19	-212	-8,076
Kerosene and Light Gas Oils	-1	-2,534	111	-20	-1	-2,445	70	128	-2,429
Heavy Gas Oils	189	64	4,504	278	-52	4,983	54	-275	5,238
Residuum	128	2,518	149	-100	—	2,695	103	12	2,227
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,369	-55,100	-38,810	-1,848	-1,371	-107,498	-5,314	-32,868	-211,564
Reformulated - RBOB	-2,114	-12,684	-1,692	—	-566	-17,056	—	-24,419	-53,653
Conventional	-8,255	-42,416	-37,118	-1,848	-805	-90,442	-5,314	-8,449	-157,911
CBOB	-7,831	-30,763	-35,485	-1,845	-782	-76,706	-5,080	-7,992	-142,357
GTAB	—	—	—	—	—	—	—	—	—
Other	-424	-11,653	-1,633	-3	-23	-13,736	-234	-457	-15,554
Aviation Gasoline Blend. Comp. (net)	-4	—	29	—	—	25	—	—	25
Total Input to Refineries	12,307	98,688	61,431	5,593	1,678	179,697	14,414	35,780	307,544
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	715	5,155	3,134	211	96	9,310	614	2,369	16,829
Operable Capacity (daily average)	747	5,553	3,337	260	110	10,008	652	2,531	18,354
Operable Utilization Rate (percent) ²	95.7	92.8	93.9	80.9	87.3	93.0	94.1	93.6	91.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	157	763	535	38	21	1,513	99	316	2,729
Catalytic Cracking	179	1,318	783	14	25	2,319	171	581	4,326
Catalytic Hydrocracking	52	534	472	19	13	1,089	14	363	1,824
Delayed and Fluid Coking	28	824	521	28	—	1,401	64	363	2,283
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.60	1.24	1.31	0.88	1.37	1.25	1.24	1.30
API Gravity, Weighted Average (degrees)	39.99	34.03	30.98	31.49	39.01	33.59	34.98	29.09	33.20
Operable Capacity (daily average)	747	5,553	3,337	260	110	10,008	652	2,531	18,354
Operating	747	5,441	3,337	260	110	9,895	643	2,531	18,141
Idle	—	112	—	—	—	112	10	—	214
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,384	12,384

— = Not Applicable.

— = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

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