Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2023
(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	**20,420**	**2,914**	**23,334**	**78,477**	**15,441**	**24,018**	**117,936**
Hydrocarbon Gas Liquids	**124**	**–**	**124**	**1,700**	**75**	**810**	**2,585**
Natural Gas Liquids	124	–	124	1,700	75	810	2,585
Normal Butane	–	–	–	4	–	–	4
Isobutane	124	–	124	1,267	75	361	1,703
Natural Gasoline	–	–	–	429	–	449	878
Other Liquids	**-8,441**	**93**	**-8,348**	**-35,241**	**-5,084**	**-9,592**	**-49,917**
Hydrogen/Biofuels/Other Hydrocarbons	115	146	261	936	471	430	1,837
Hydrogen	50	2	52	661	219	192	1,072
Biofuels (including Fuel Ethanol)	65	144	209	249	252	238	739
Fuel Ethanol	65	109	174	205	175	151	531
Biodiesel	–	35	35	44	77	25	146
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels[1]	–	–	–	–	–	62	62
Other Hydrocarbons	–	–	–	26	–	–	26
Unfinished Oils (net)	1,945	-16	1,929	-340	-290	359	-271
Naphthas and Lighter	415	12	427	339	-169	283	453
Kerosene and Light Gas Oils	-242	–	-242	1	-132	-342	-473
Heavy Gas Oils	987	-26	961	-93	-5	350	252
Residuum	785	-2	783	-587	16	68	-503
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,501	-37	-10,538	-35,837	-5,265	-10,381	-51,483
Reformulated - RBOB	-7,828	–	-7,828	-7,758	–	–	-7,758
Conventional	-2,673	-37	-2,710	-28,079	-5,265	-10,381	-43,725
CBOB	-2,427	-33	-2,460	-28,080	-5,321	-10,326	-43,727
GTAB	–	–	–	–	–	–	–
Other	-246	-4	-250	1	56	-55	2
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input to Refineries	**12,103**	**3,007**	**15,110**	**44,936**	**10,432**	**15,236**	**70,604**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	712	94	806	2,530	520	774	3,824
Operable Capacity (daily average)	780	98	878	2,729	549	928	4,206
Operable Utilization Rate (percent)[2]	91.4	95.8	91.9	92.7	94.7	83.3	90.9
Downstream Processing Fresh Feed Input (daily average)							
Catalytic Reforming	131	16	146	487	73	156	716
Catalytic Cracking	241	17	258	727	128	195	1,051
Catalytic Hydrocracking	30	–	30	207	37	35	280
Delayed and Fluid Coking	3	–	3	315	58	85	458
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.74	1.82	0.88	1.61	1.84	0.64	1.44
API Gravity, Weighted Average (degrees)	36.68	31.53	35.98	34.10	28.05	38.47	34.16
Operable Capacity (daily average)	**780**	**98**	**878**	**2,729**	**549**	**928**	**4,206**
Operating	780	98	878	2,587	549	928	4,064
Idle	–	–	–	142	–	–	142
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, May 2023
(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	**18,654**	**152,816**	**94,722**	**7,658**	**2,405**	**276,255**	**16,365**	**66,929**	**500,819**
Hydrocarbon Gas Liquids	**572**	**3,958**	**3,130**	**32**	**92**	**7,784**	**448**	**2,271**	**13,212**
Natural Gas Liquids	572	3,958	3,130	32	92	7,784	448	2,271	13,212
Normal Butane	264	429	335	–	–	1,028	85	510	1,627
Isobutane	274	2,622	1,498	28	92	4,514	196	805	7,342
Natural Gasoline	34	907	1,297	4	–	2,242	167	956	4,243
Other Liquids	**-7,586**	**-56,567**	**-29,541**	**-1,602**	**-1,247**	**-96,543**	**-4,200**	**-29,425**	**-188,433**
Hydrogen/Biofuels/Other Hydrocarbons	335	2,524	1,851	117	36	4,863	512	1,782	9,255
Hydrogen	87	2,474	1,618	66	14	4,259	192	1,340	6,915
Biofuels (including Fuel Ethanol)	248	50	233	51	22	604	320	442	2,314
Fuel Ethanol	201	50	191	50	8	500	249	146	1,600
Biodiesel	47	-3	25	1	7	77	32	15	305
Renewable Diesel Fuel	–	–	–	–	–	–	–	277	277
Other Biofuels[1]	–	3	17	–	7	27	39	4	132
Other Hydrocarbons	–	–	–	–	–	–	–	–	26
Unfinished Oils (net)	-48	-5,007	10,249	-82	2	5,114	-356	2,444	8,860
Naphthas and Lighter	97	-8,654	1,125	3	108	-7,321	71	371	-5,999
Kerosene and Light Gas Oils	12	-870	-28	-36	-54	-976	-177	-209	-2,077
Heavy Gas Oils	-120	189	7,995	42	-52	8,054	-255	1,726	10,738
Residuum	-37	4,328	1,157	-91	–	5,357	5	556	6,198
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,879	-54,084	-41,647	-1,637	-1,285	-106,532	-4,356	-33,651	-206,560
Reformulated - RBOB	-574	-16,507	-8,019	–	-456	-25,556	–	-26,038	-67,180
Conventional	-7,305	-37,577	-33,628	-1,637	-829	-80,976	-4,356	-7,613	-139,380
CBOB	-7,241	-30,680	-32,350	-1,616	-804	-72,691	-4,398	-8,490	-131,766
GTAB	–	–	–	–	–	–	–	–	–
Other	-64	-6,897	-1,278	-21	-25	-8,285	42	877	-7,614
Aviation Gasoline Blend. Comp. (net)	6	–	6	–	–	12	–	–	12
Total Input to Refineries	**11,640**	**100,207**	**68,311**	**6,088**	**1,250**	**187,496**	**12,613**	**39,775**	**325,598**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	629	5,179	3,164	219	78	9,269	524	2,334	16,756
Operable Capacity (daily average)	744	5,472	3,330	260	110	9,917	650	2,620	18,270
Operable Utilization Rate (percent)[2]	84.6	94.7	95.0	83.9	70.5	93.5	80.6	89.1	91.7
Downstream Processing Fresh Feed Input (daily average)									
Catalytic Reforming	151	762	592	40	19	1,563	79	380	2,885
Catalytic Cracking	159	1,361	881	16	21	2,438	149	644	4,540
Catalytic Hydrocracking	50	572	465	16	5	1,107	17	392	1,825
Delayed and Fluid Coking	21	814	520	32	–	1,387	51	387	2,286
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.59	1.44	1.28	1.43	1.10	1.30	1.38	1.30	1.32
API Gravity, Weighted Average (degrees)	39.97	34.04	31.23	32.08	37.32	33.63	31.48	28.68	33.11
Operable Capacity (daily average)	**744**	**5,472**	**3,330**	**260**	**110**	**9,917**	**650**	**2,620**	**18,270**
Operating	744	5,472	3,330	210	110	9,867	605	2,620	18,033
Idle	–	–	–	50	–	50	46	–	237
Alaskan Crude Oil Receipts	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**12,496**	**12,496**

– – = 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."