

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2023

PAD District and State	Number of Operable Refineries			Atmospheric Crude Oil Distillation Capacity					
				Barrels per Calendar Day			Barrels per Stream Day		
	Total	Operating	Idle ^a	Total	Operating	Idle ^b	Total	Operating	Idle ^b
PAD District I	7	7	0	877,800	877,800	0	930,900	930,900	0
Delaware.....	1	1	0	171,000	171,000	0	180,000	180,000	0
New Jersey.....	2	2	0	418,500	418,500	0	438,100	438,100	0
Pennsylvania.....	3	3	0	266,000	266,000	0	289,800	289,800	0
West Virginia.....	1	1	0	22,300	22,300	0	23,000	23,000	0
PAD District II	25	22	3	4,206,105	3,948,885	257,220	4,464,787	4,179,287	285,500
Illinois.....	4	4	0	1,043,485	1,043,485	0	1,100,800	1,100,800	0
Indiana.....	2	2	0	469,500	469,500	0	475,700	475,700	0
Kansas.....	3	3	0	404,600	404,600	0	416,767	416,767	0
Kentucky.....	1	1	0	291,000	291,000	0	306,000	306,000	0
Michigan.....	1	1	0	140,000	140,000	0	152,000	152,000	0
Minnesota.....	2	2	0	440,000	440,000	0	485,000	485,000	0
North Dakota.....	1	1	0	71,000	71,000	0	74,000	74,000	0
Ohio.....	4	3	1	604,720	455,800	148,920	630,000	470,000	160,000
Oklahoma.....	5	4	1	523,800	453,500	70,300	569,520	494,020	75,500
Tennessee.....	1	1	0	180,000	180,000	0	205,000	205,000	0
Wisconsin.....	1	0	1	38,000	0	38,000	50,000	0	50,000
PAD District III	56	56	0	9,676,729	9,676,729	0	10,276,994	10,276,994	0
Alabama.....	3	3	0	142,100	142,100	0	148,700	148,700	0
Arkansas.....	2	2	0	90,500	90,500	0	92,700	92,700	0
Louisiana.....	15	15	0	2,964,220	2,964,220	0	3,116,355	3,116,355	0
Mississippi.....	3	3	0	393,940	393,940	0	415,000	415,000	0
New Mexico.....	1	1	0	110,000	110,000	0	124,000	124,000	0
Texas.....	32	32	0	5,975,969	5,975,969	0	6,380,239	6,380,239	0
PAD District IV	15	13	2	650,164	537,564	112,600	696,200	574,500	121,700
Colorado.....	2	0	2	103,000	0	103,000	111,700	0	111,700
Montana.....	4	4	0	214,600	205,000	9,600	223,400	213,400	10,000
Utah.....	5	5	0	206,714	206,714	0	217,200	217,200	0
Wyoming.....	4	4	0	125,850	125,850	0	143,900	143,900	0
PAD District V	26	26	0	2,649,571	2,643,571	6,000	2,787,900	2,779,900	8,000
Alaska.....	5	5	0	165,500	165,500	0	180,000	180,000	0
California.....	14	14	0	1,740,371	1,734,371	6,000	1,835,400	1,827,400	8,000
Hawaii.....	1	1	0	93,500	93,500	0	95,000	95,000	0
Nevada.....	1	1	0	2,000	2,000	0	5,000	5,000	0
Washington.....	5	5	0	648,200	648,200	0	672,500	672,500	0
U.S. Total	129	124	5	18,060,369	17,684,549	375,820	19,156,781	18,741,581	415,200

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PAD District and State	Downstream Charge Capacity (Barrels per Stream Day)							Fuels Solvent Deasphalting
	Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Hydro- Cracking	Catalytic Reforming	Hydrotreating/ Desulfurization	
			Fresh	Recycled				
PAD District I	391,200	54,500	305,000	5,000	48,000	182,900	754,800	22,000
Delaware	104,600	54,500	82,000	4,000	25,000	43,000	180,300	0
New Jersey	165,000	0	145,000	0	0	69,000	298,100	22,000
Pennsylvania	113,000	0	78,000	1,000	23,000	66,200	252,300	0
West Virginia	8,600	0	0	0	0	4,700	24,100	0
PAD District II	1,855,542	607,805	1,362,435	8,800	361,500	903,658	4,196,664	18,500
Illinois	491,800	213,420	324,300	0	101,200	250,100	976,610	0
Indiana	290,700	102,000	185,800	200	0	73,500	619,100	0
Kansas	162,500	75,000	104,800	500	43,000	84,500	406,400	0
Kentucky	134,000	0	104,000	0	0	58,000	280,000	14,000
Michigan	90,500	38,000	44,000	0	0	21,500	135,000	0
Minnesota	284,000	82,000	127,000	2,500	67,000	72,500	454,500	4,500
North Dakota	0	0	28,000	3,600	0	12,500	60,400	0
Ohio	164,500	59,000	206,300	0	109,800	172,300	523,400	0
Oklahoma	214,042	38,385	156,912	2,000	14,000	113,458	571,754	0
Tennessee	0	0	70,000	0	26,500	36,000	129,000	0
Wisconsin	23,500	0	11,323	0	0	9,300	40,500	0
PAD District III	4,696,325	1,661,207	2,829,567	16,500	1,387,300	1,844,480	9,162,858	258,500
Alabama	55,000	38,000	0	0	23,000	40,000	120,700	0
Arkansas	48,850	0	21,000	0	0	15,300	98,750	0
Louisiana	1,539,100	577,000	946,000	3,500	456,900	569,400	2,681,200	72,000
Mississippi	354,875	104,000	88,000	0	119,000	101,600	307,300	0
New Mexico	34,300	0	30,000	0	18,000	24,000	118,000	18,000
Texas	2,664,200	942,207	1,744,567	13,000	770,400	1,094,180	5,836,908	168,500
PAD District IV	239,000	76,000	209,860	1,990	37,200	120,550	561,750	6,000
Colorado	33,500	0	30,000	500	0	21,900	87,430	0
Montana	119,600	46,000	67,160	990	6,200	35,500	213,820	0
Utah	34,900	10,000	72,700	0	15,000	38,250	146,700	6,000
Wyoming	51,000	20,000	40,000	500	16,000	24,900	113,800	0
PAD District V	1,422,106	562,400	758,900	16,600	557,600	554,000	2,422,900	80,000
Alaska	26,000	0	0	0	13,000	13,500	24,500	0
California	1,033,256	464,600	611,500	13,600	459,600	385,500	1,857,500	56,000
Hawaii	40,000	11,000	0	0	20,000	13,500	13,000	0
Nevada	2,750	0	0	0	0	0	0	0
Washington	320,100	86,800	147,400	3,000	65,000	141,500	527,900	24,000
U.S. Total	8,604,173	2,961,912	5,465,762	48,890	2,391,600	3,605,588	17,098,972	385,000

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2023.

^b Includes capacity from refineries that are either completely or partially idle.

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."