

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2018

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	8	8	0	1,223,500	1,223,500	0	1,283,800	1,283,800	0
Delaware.....	1	1	0	182,200	182,200	0	190,200	190,200	0
New Jersey.....	2	2	0	418,000	418,000	0	430,800	430,800	0
Pennsylvania.....	4	4	0	601,000	601,000	0	639,800	639,800	0
West Virginia.....	1	1	0	22,300	22,300	0	23,000	23,000	0
PAD District II	27	27	0	4,092,000	4,070,000	22,000	4,338,264	4,315,264	23,000
Illinois.....	4	4	0	998,865	976,865	22,000	1,074,700	1,051,700	23,000
Indiana.....	2	2	0	442,300	442,300	0	460,800	460,800	0
Kansas.....	3	3	0	389,920	389,920	0	400,500	400,500	0
Kentucky.....	2	2	0	282,500	282,500	0	298,300	298,300	0
Michigan.....	1	1	0	139,000	139,000	0	147,000	147,000	0
Minnesota.....	2	2	0	408,515	408,515	0	442,700	442,700	0
North Dakota.....	2	2	0	93,300	93,300	0	94,600	94,600	0
Ohio.....	4	4	0	597,800	597,800	0	633,000	633,000	0
Oklahoma.....	5	5	0	521,800	521,800	0	551,664	551,664	0
Tennessee.....	1	1	0	180,000	180,000	0	185,000	185,000	0
Wisconsin.....	1	1	0	38,000	38,000	0	50,000	50,000	0
PAD District III	56	56	0	9,762,196	9,762,196	0	10,425,630	10,425,630	0
Alabama.....	3	3	0	141,675	141,675	0	150,500	150,500	0
Arkansas.....	2	2	0	90,500	90,500	0	92,700	92,700	0
Louisiana.....	17	17	0	3,302,507	3,302,507	0	3,514,230	3,514,230	0
Mississippi.....	3	3	0	389,500	389,500	0	409,800	409,800	0
New Mexico.....	2	2	0	136,600	136,600	0	151,100	151,100	0
Texas.....	29	29	0	5,701,414	5,701,414	0	6,107,300	6,107,300	0
PAD District IV	15	15	0	682,730	673,130	9,600	734,400	724,400	10,000
Colorado.....	1	1	0	103,000	103,000	0	111,500	111,500	0
Montana.....	4	4	0	214,700	205,100	9,600	222,400	212,400	10,000
Utah.....	5	5	0	196,530	196,530	0	209,100	209,100	0
Wyoming.....	5	5	0	168,500	168,500	0	191,400	191,400	0
PAD District V	29	29	0	2,838,071	2,838,071	0	3,012,400	3,012,400	0
Alaska.....	5	5	0	158,400	158,400	0	178,500	178,500	0
California.....	16	16	0	1,892,471	1,892,471	0	2,014,400	2,014,400	0
Hawaii.....	2	2	0	147,500	147,500	0	152,000	152,000	0
Nevada.....	1	1	0	2,000	2,000	0	5,000	5,000	0
Washington.....	5	5	0	637,700	637,700	0	662,500	662,500	0
U.S. Total	135	135	0	18,598,497	18,566,897	31,600	19,794,494	19,761,494	33,000

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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	554,400	81,500	497,500	5,000	45,300	266,700	1,055,900	22,000
Delaware	104,600	54,500	82,000	4,000	22,300	43,800	151,500	0
New Jersey	165,000	27,000	200,000	0	0	66,000	335,100	22,000
Pennsylvania	276,200	0	215,500	1,000	23,000	152,200	545,200	0
West Virginia	8,600	0	0	0	0	4,700	24,100	0
PAD District II	1,815,242	591,085	1,350,135	15,800	377,160	901,993	3,944,679	22,350
Illinois	475,400	211,700	324,300	0	99,460	249,500	956,950	0
Indiana	277,900	102,000	183,600	7,200	0	71,500	451,800	0
Kansas	156,000	74,000	104,000	500	43,000	81,600	399,200	0
Kentucky	130,000	0	104,000	0	0	56,300	274,300	13,000
Michigan	88,000	35,000	41,000	0	0	21,500	131,500	0
Minnesota	284,600	72,000	122,500	2,500	67,000	75,700	445,030	4,500
North Dakota	0	0	27,000	3,600	0	12,500	52,060	0
Ohio	159,500	58,000	208,300	0	109,000	170,300	517,900	0
Oklahoma	220,342	38,385	154,112	2,000	32,200	117,793	546,439	4,850
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	4,835,801	1,649,180	3,076,900	33,500	1,401,100	1,920,370	9,455,935	262,400
Alabama	47,000	32,000	0	0	20,500	37,300	125,100	0
Arkansas	48,850	0	21,000	0	0	15,300	98,250	7,400
Louisiana	1,752,076	569,100	1,138,200	5,500	501,400	649,890	3,069,830	71,000
Mississippi	338,875	105,000	88,000	0	117,500	95,600	299,300	0
New Mexico	33,800	0	38,500	3,000	18,000	31,300	130,100	18,000
Texas	2,615,200	943,080	1,791,200	25,000	743,700	1,090,980	5,733,355	166,000
PAD District IV	273,100	90,800	220,460	4,990	60,200	132,350	597,690	6,000
Colorado	33,500	0	30,000	500	0	21,900	87,430	0
Montana	126,100	47,100	64,660	990	30,200	39,550	218,260	0
Utah	34,500	10,000	71,300	3,000	15,000	36,800	141,600	6,000
Wyoming	79,000	33,700	54,500	500	15,000	34,100	150,400	0
PAD District V	1,597,706	610,100	886,200	17,600	578,600	579,900	2,643,000	80,300
Alaska	26,000	0	0	0	12,500	13,500	24,500	0
California	1,199,756	516,300	718,500	14,600	481,100	408,500	2,132,000	56,000
Hawaii	71,000	11,000	22,000	0	20,000	13,500	16,500	0
Nevada	2,750	0	0	0	0	0	0	0
Washington	298,200	82,800	145,700	3,000	65,000	144,400	470,000	24,300
U.S. Total	9,076,249	3,022,665	6,031,195	76,890	2,462,360	3,801,313	17,697,204	393,050

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2018.

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

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