

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2017

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	9	8	1	1,255,500	1,181,500	74,000	1,353,400	1,275,400	78,000
Delaware.....	1	1	0	182,200	182,200	0	190,200	190,200	0
New Jersey.....	3	2	1	475,000	401,000	74,000	500,400	422,400	78,000
Pennsylvania.....	4	4	0	576,000	576,000	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	26	1	3,998,855	3,906,555	92,300	4,283,764	4,185,264	98,500
Illinois.....	4	4	0	981,540	959,540	22,000	1,043,200	1,020,200	23,000
Indiana.....	2	2	0	441,700	441,700	0	460,800	460,800	0
Kansas.....	3	3	0	361,000	361,000	0	373,500	373,500	0
Kentucky.....	2	2	0	278,500	278,500	0	298,300	298,300	0
Michigan.....	1	1	0	132,000	132,000	0	144,000	144,000	0
Minnesota.....	2	2	0	388,515	388,515	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	583,000	583,000	0	633,000	633,000	0
Oklahoma.....	5	4	1	511,300	441,000	70,300	548,664	473,164	75,500
Tennessee.....	1	1	0	190,000	190,000	0	195,000	195,000	0
Wisconsin.....	1	1	0	38,000	38,000	0	50,000	50,000	0
PAD District III	58	57	1	9,737,871	9,695,371	42,500	10,340,255	10,290,255	50,000
Alabama.....	3	3	0	131,675	131,675	0	140,500	140,500	0
Arkansas.....	2	2	0	90,500	90,500	0	92,700	92,700	0
Louisiana.....	18	18	0	3,343,206	3,343,206	0	3,530,355	3,530,355	0
Mississippi.....	3	3	0	377,500	377,500	0	409,800	409,800	0
New Mexico.....	2	2	0	123,500	123,500	0	141,000	141,000	0
Texas.....	30	29	1	5,671,490	5,628,990	42,500	6,025,900	5,975,900	50,000
PAD District IV	16	16	0	692,030	682,430	9,600	731,400	721,400	10,000
Colorado.....	2	2	0	103,000	103,000	0	110,500	110,500	0
Montana.....	4	4	0	214,700	205,100	9,600	222,400	212,400	10,000
Utah.....	5	5	0	196,830	196,830	0	209,100	209,100	0
Wyoming.....	5	5	0	177,500	177,500	0	189,400	189,400	0
PAD District V	31	30	1	2,932,771	2,848,271	84,500	3,091,000	3,001,000	90,000
Alaska.....	5	5	0	158,900	158,900	0	178,500	178,500	0
California.....	18	17	1	1,990,671	1,906,171	84,500	2,096,000	2,006,000	90,000
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	633,700	633,700	0	659,500	659,500	0
U.S. Total	141	137	4	18,617,027	18,314,127	302,900	19,799,819	19,473,319	326,500

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2017

PAD District and State	Downstream Charge Capacity (Barrels per Stream Day)							
	Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Hydro- Cracking	Catalytic Reforming	Hydrotreating/ Desulfurization	Fuels Solvent Deasphalting
			Fresh	Recycled				
PAD District I	586,400	81,500	497,500	5,000	45,300	249,200	1,032,600	22,000
Delaware	104,600	54,500	82,000	4,000	22,300	43,800	151,500	0
New Jersey	197,000	27,000	200,000	0	0	64,000	335,100	22,000
Pennsylvania	276,200	0	215,500	1,000	23,000	136,700	521,900	0
West Virginia	8,600	0	0	0	0	4,700	24,100	0
PAD District II	1,790,642	581,085	1,343,412	15,800	351,700	896,593	3,913,379	22,350
Illinois	471,900	211,200	324,300	0	95,500	247,700	930,450	0
Indiana	277,900	102,000	183,200	7,200	0	71,500	468,800	0
Kansas	148,000	69,000	104,000	500	38,500	81,000	394,700	0
Kentucky	130,000	0	104,000	0	0	55,300	273,300	13,000
Michigan	77,900	33,500	40,000	0	0	21,500	130,500	0
Minnesota	284,600	69,000	117,500	2,500	50,000	75,700	441,530	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	516,900	0
Oklahoma	220,342	38,385	154,112	2,000	32,200	117,093	543,439	4,850
Tennessee	0	0	70,000	0	26,500	36,000	129,000	0
Wisconsin	20,500	0	11,000	0	0	8,000	32,700	0
PAD District III	4,863,425	1,639,680	3,060,900	33,500	1,377,500	1,872,370	9,394,045	262,400
Alabama	47,000	32,000	0	0	20,500	37,300	122,100	0
Arkansas	48,850	0	21,000	0	0	15,300	98,250	7,400
Louisiana	1,787,900	567,100	1,137,200	5,500	488,400	606,890	3,030,140	71,000
Mississippi	338,875	105,000	88,000	0	117,500	95,600	299,300	0
New Mexico	29,600	0	35,500	3,000	18,000	31,300	118,100	18,000
Texas	2,611,200	935,580	1,779,200	25,000	733,100	1,085,980	5,726,155	166,000
PAD District IV	255,400	90,800	219,460	4,990	60,800	133,850	593,260	6,000
Colorado	33,500	0	30,000	500	0	21,900	85,000	0
Montana	118,400	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	69,000	33,700	53,500	500	15,600	35,600	148,400	0
PAD District V	1,629,706	600,600	886,200	16,400	586,000	597,800	2,688,200	80,300
Alaska	26,000	0	0	0	12,500	13,500	24,500	0
California	1,231,756	506,800	718,500	13,400	488,500	426,500	2,179,300	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	144,300	467,900	24,300
U.S. Total	9,125,573	2,993,665	6,007,472	75,690	2,421,300	3,749,813	17,621,484	393,050

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2017.

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

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