

**Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2020**

PAD District and State	Number of Operable Refineries			Atmospheric Crude Oil Distillation Capacity					
				Barrels per Calendar Day			Barrels per Stream Day		
	Total	Operating	Idle <sup>a</sup>	Total	Operating	Idle <sup>b</sup>	Total	Operating	Idle <sup>b</sup>
<b>PAD District I</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>1,224,000</b>	<b>889,000</b>	<b>335,000</b>	<b>1,291,100</b>	<b>941,100</b>	<b>350,000</b>
Delaware.....	1	1	0	182,200	182,200	0	190,200	190,200	0
New Jersey.....	2	2	0	418,500	418,500	0	438,100	438,100	0
Pennsylvania.....	4	3	1	601,000	266,000	335,000	639,800	289,800	350,000
West Virginia.....	1	1	0	22,300	22,300	0	23,000	23,000	0
<b>PAD District II</b>	<b>26</b>	<b>25</b>	<b>1</b>	<b>4,196,065</b>	<b>4,158,065</b>	<b>38,000</b>	<b>4,441,124</b>	<b>4,391,124</b>	<b>50,000</b>
Illinois.....	4	4	0	1,026,865	1,026,865	0	1,097,200	1,097,200	0
Indiana.....	2	2	0	463,800	463,800	0	470,800	470,800	0
Kansas.....	3	3	0	403,800	403,800	0	415,930	415,930	0
Kentucky.....	1	1	0	291,000	291,000	0	306,000	306,000	0
Michigan.....	1	1	0	140,000	140,000	0	147,000	147,000	0
Minnesota.....	2	2	0	438,000	438,000	0	483,000	483,000	0
North Dakota.....	2	2	0	90,000	90,000	0	94,000	94,000	0
Ohio.....	4	4	0	601,800	601,800	0	633,000	633,000	0
Oklahoma.....	5	5	0	522,800	522,800	0	559,194	559,194	0
Tennessee.....	1	1	0	180,000	180,000	0	185,000	185,000	0
Wisconsin.....	1	0	1	38,000	0	38,000	50,000	0	50,000
<b>PAD District III</b>	<b>58</b>	<b>57</b>	<b>1</b>	<b>9,983,235</b>	<b>9,948,235</b>	<b>35,000</b>	<b>10,592,395</b>	<b>10,554,395</b>	<b>38,000</b>
Alabama.....	3	3	0	139,600	139,600	0	145,600	145,600	0
Arkansas.....	2	2	0	90,500	90,500	0	92,700	92,700	0
Louisiana.....	17	17	0	3,366,666	3,366,666	0	3,569,295	3,569,295	0
Mississippi.....	3	3	0	393,940	393,940	0	415,000	415,000	0
New Mexico.....	2	2	0	137,000	137,000	0	152,000	152,000	0
Texas.....	31	30	1	5,855,529	5,820,529	35,000	6,217,800	6,179,800	38,000
<b>PAD District IV</b>	<b>16</b>	<b>16</b>	<b>0</b>	<b>698,214</b>	<b>688,614</b>	<b>9,600</b>	<b>750,200</b>	<b>740,200</b>	<b>10,000</b>
Colorado.....	2	2	0	103,000	103,000	0	111,700	111,700	0
Montana.....	4	4	0	223,000	213,400	9,600	232,900	222,900	10,000
Utah.....	5	5	0	203,714	203,714	0	214,200	214,200	0
Wyoming.....	5	5	0	168,500	168,500	0	191,400	191,400	0
<b>PAD District V</b>	<b>27</b>	<b>26</b>	<b>1</b>	<b>2,874,571</b>	<b>2,865,071</b>	<b>9,500</b>	<b>3,017,400</b>	<b>3,007,400</b>	<b>10,000</b>
Alaska.....	5	5	0	164,200	164,200	0	178,500	178,500	0
California.....	15	14	1	1,909,171	1,899,671	9,500	2,009,400	1,999,400	10,000
Hawaii.....	1	1	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	651,700	651,700	0	672,500	672,500	0
<b>U.S. Total</b>	<b>135</b>	<b>131</b>	<b>4</b>	<b>18,976,085</b>	<b>18,548,985</b>	<b>427,100</b>	<b>20,092,219</b>	<b>19,634,219</b>	<b>458,000</b>
Virgin Islands.....	1	0	1	176,400	0	176,400	180,000	0	180,000

**Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2020**

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				
<b>PAD District I</b>	<b>554,400</b>	<b>81,500</b>	<b>497,500</b>	<b>5,000</b>	<b>45,300</b>	<b>268,600</b>	<b>1,063,000</b>	<b>22,000</b>
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	67,900	335,100	22,000
Pennsylvania	276,200	0	215,500	1,000	23,000	152,200	552,300	0
West Virginia	8,600	0	0	0	0	4,700	24,100	0
<b>PAD District II</b>	<b>1,842,942</b>	<b>605,285</b>	<b>1,358,935</b>	<b>15,800</b>	<b>379,700</b>	<b>900,958</b>	<b>4,067,214</b>	<b>22,350</b>
Illinois	476,400	212,850	324,300	0	101,200	250,100	953,310	0
Indiana	290,200	102,000	185,600	7,200	0	71,500	541,800	0
Kansas	161,000	74,550	104,000	500	43,000	84,000	406,400	0
Kentucky	134,000	0	104,000	0	0	58,000	274,500	13,000
Michigan	89,000	36,500	44,000	0	0	21,500	133,000	0
Minnesota	284,000	82,000	126,500	2,500	67,000	73,800	446,500	4,500
North Dakota	0	0	27,000	3,600	0	12,500	53,200	0
Ohio	164,500	59,000	208,300	0	109,800	170,800	519,900	0
Oklahoma	220,342	38,385	153,912	2,000	32,200	113,458	569,104	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
<b>PAD District III</b>	<b>4,876,495</b>	<b>1,681,207</b>	<b>3,080,090</b>	<b>21,500</b>	<b>1,433,000</b>	<b>1,935,870</b>	<b>9,553,650</b>	<b>265,400</b>
Alabama	47,000	34,000	0	0	20,500	37,300	125,100	0
Arkansas	48,850	0	21,000	0	0	15,300	98,750	7,400
Louisiana	1,760,470	587,500	1,140,800	5,500	511,400	663,390	3,104,480	72,000
Mississippi	354,875	104,000	88,000	0	119,000	101,600	307,300	0
New Mexico	34,300	0	39,100	3,000	18,000	31,200	136,200	18,000
Texas	2,631,000	955,707	1,791,190	13,000	764,100	1,087,080	5,781,820	168,000
<b>PAD District IV</b>	<b>276,600</b>	<b>87,970</b>	<b>220,860</b>	<b>1,990</b>	<b>60,200</b>	<b>128,100</b>	<b>603,950</b>	<b>6,000</b>
Colorado	33,500	0	30,000	500	0	21,900	87,430	0
Montana	129,600	44,270	66,360	990	30,200	35,200	218,820	0
Utah	34,500	10,000	70,000	0	15,000	36,900	145,200	6,000
Wyoming	79,000	33,700	54,500	500	15,000	34,100	152,500	0
<b>PAD District V</b>	<b>1,620,406</b>	<b>613,100</b>	<b>831,100</b>	<b>17,600</b>	<b>586,800</b>	<b>575,500</b>	<b>2,637,700</b>	<b>80,000</b>
Alaska	26,000	0	0	0	13,000	13,500	24,500	0
California	1,201,556	515,300	683,700	14,600	488,800	408,000	2,080,800	56,000
Hawaii	71,000	11,000	0	0	20,000	13,500	13,000	0
Nevada	2,750	0	0	0	0	0	0	0
Washington	319,100	86,800	147,400	3,000	65,000	140,500	519,400	24,000
<b>U.S. Total</b>	<b>9,170,843</b>	<b>3,069,062</b>	<b>5,988,485</b>	<b>61,890</b>	<b>2,505,000</b>	<b>3,809,028</b>	<b>17,925,514</b>	<b>395,750</b>
Virgin Islands	90,000	62,000	0	0	0	46,000	282,000	0

<sup>a</sup> Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2020.

<sup>b</sup> Includes capacity from refineries that are either completely or partially idle.

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