

Table 36. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2004

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	Total	Operating	Idle
PAD District I.....	16	14	2	1,740,900	1,663,400	77,500	1,853,300	1,751,300	102,000
Delaware.....	1	1	0	175,000	175,000	0	180,000	180,000	0
Georgia.....	2	1	1	33,400	5,400	28,000	40,000	8,000	32,000
New Jersey.....	6	5	1	694,500	645,000	49,500	743,000	673,000	70,000
Pennsylvania.....	5	5	0	760,000	760,000	0	808,500	808,500	0
Virginia.....	1	1	0	58,600	58,600	0	61,800	61,800	0
West Virginia.....	1	1	0	19,400	19,400	0	20,000	20,000	0
PAD District II.....	26	26	0	3,525,610	3,525,610	0	3,725,294	3,725,294	0
Illinois.....	4	4	0	878,100	878,100	0	932,700	932,700	0
Indiana.....	2	2	0	433,000	433,000	0	444,000	444,000	0
Kansas.....	3	3	0	296,200	296,200	0	310,000	310,000	0
Kentucky.....	2	2	0	227,500	227,500	0	246,300	246,300	0
Michigan.....	1	1	0	74,000	74,000	0	77,000	77,000	0
Minnesota.....	2	2	0	335,000	335,000	0	369,000	369,000	0
North Dakota.....	1	1	0	58,000	58,000	0	60,000	60,000	0
Ohio.....	4	4	0	534,305	534,305	0	561,000	561,000	0
Oklahoma.....	5	5	0	476,505	476,505	0	508,294	508,294	0
Tennessee.....	1	1	0	180,000	180,000	0	182,000	182,000	0
Wisconsin.....	1	1	0	33,000	33,000	0	35,000	35,000	0
PAD District III.....	55	54	1	7,882,210	7,881,330	880	8,301,042	8,299,942	1,100
Alabama.....	3	3	0	130,200	130,200	0	140,500	140,500	0
Arkansas.....	2	2	0	69,800	69,800	0	74,800	74,800	0
Louisiana.....	17	17	0	2,753,320	2,753,320	0	2,885,355	2,885,355	0
Mississippi.....	4	4	0	364,800	364,800	0	393,300	393,300	0
New Mexico.....	3	3	0	95,600	95,600	0	101,107	101,107	0
Texas.....	26	25	1	4,468,490	4,467,610	880	4,705,980	4,704,880	1,100
PAD District IV.....	16	16	0	582,150	582,150	0	616,300	616,300	0
Colorado.....	2	2	0	87,000	87,000	0	94,000	94,000	0
Montana.....	4	4	0	181,200	181,200	0	190,000	190,000	0
Utah.....	5	5	0	161,950	161,950	0	171,000	171,000	0
Wyoming.....	5	5	0	152,000	152,000	0	161,300	161,300	0
PAD District V.....	36	36	0	3,163,444	3,106,844	56,600	3,319,098	3,264,598	54,500
Alaska.....	6	6	0	370,381	370,381	0	400,543	400,543	0
California.....	21	21	0	2,022,288	1,984,188	38,100	2,118,420	2,073,920	44,500
Hawaii.....	2	2	0	147,500	147,500	0	152,000	152,000	0
Nevada.....	1	1	0	1,925	1,925	0	5,000	5,000	0
Oregon.....	1	1	0	0	0	0	0	0	0
Washington.....	5	5	0	621,350	602,850	18,500	643,135	633,135	10,000
U.S. Total.....	149	146	3	16,894,314	16,759,334	134,980	17,815,034	17,657,434	157,600
Puerto Rico.....	2	1	1	110,684	68,684	42,000	124,400	76,400	48,000
Virgin Islands.....	1	1	0	495,000	495,000	0	515,000	515,000	0

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2004.

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

Table 36. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2004

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.....	712,900	91,500	728,200	7,000	42,000	324,300	1,069,460	22,000
Delaware.....	102,000	46,500	77,000	4,000	20,000	41,000	152,500	0
Georgia.....	0	0	0	0	0	0	0	0
New Jersey.....	301,000	26,000	317,500	0	0	96,000	415,500	22,000
Pennsylvania.....	264,000	0	305,500	1,000	22,000	171,800	460,300	0
Virginia.....	37,300	19,000	28,200	2,000	0	12,100	30,860	0
West Virginia.....	8,600	0	0	0	0	3,400	10,300	0
PAD District II.....	1,553,900	386,000	1,238,700	13,550	155,500	901,964	2,752,464	17,850
Illinois.....	378,100	127,700	306,000	3,000	60,500	250,700	684,700	0
Indiana.....	255,000	36,000	173,200	4,200	0	96,500	335,500	0
Kansas.....	123,000	60,400	89,200	500	0	69,000	272,500	0
Kentucky.....	97,000	0	95,000	0	0	50,000	221,300	13,000
Michigan.....	38,000	0	29,000	0	0	20,000	52,000	0
Minnesota.....	307,000	70,000	112,500	0	0	72,300	383,500	0
North Dakota.....	0	0	26,000	3,600	0	12,100	24,600	0
Ohio.....	153,500	56,000	187,000	0	89,000	164,500	268,700	0
Oklahoma.....	181,800	35,900	139,800	2,250	6,000	122,864	379,864	4,850
Tennessee.....	0	0	70,000	0	0	36,000	113,000	0
Wisconsin.....	20,500	0	11,000	0	0	8,000	16,800	0
PAD District III.....	3,863,075	1,301,750	3,079,490	57,000	793,900	1,846,400	6,939,278	221,400
Alabama.....	60,400	14,000	0	0	0	27,200	83,000	0
Arkansas.....	29,400	0	19,900	0	0	13,600	54,600	7,400
Louisiana.....	1,251,400	469,100	1,121,100	19,000	234,100	560,600	2,094,828	40,000
Mississippi.....	338,875	97,000	67,000	0	66,000	96,000	284,300	0
New Mexico.....	18,700	0	39,500	3,500	0	25,800	67,300	0
Texas.....	2,164,300	721,650	1,831,990	34,500	493,800	1,123,200	4,355,250	174,000
PAD District IV.....	232,410	47,250	190,324	5,690	17,000	126,380	409,350	9,040
Colorado.....	32,500	0	27,600	2,000	0	20,700	48,200	0
Montana.....	92,010	28,750	57,100	990	6,000	39,080	181,100	4,000
Utah.....	43,500	8,500	55,900	2,200	0	35,000	75,100	5,040
Wyoming.....	64,400	10,000	49,724	500	11,000	31,600	104,950	0
PAD District V.....	1,601,710	608,580	861,180	4,000	593,700	613,413	2,330,247	96,000
Alaska.....	25,800	0	0	0	12,500	12,000	12,000	0
California.....	1,194,406	505,880	702,780	1,000	505,200	444,030	1,933,100	66,000
Hawaii.....	74,300	13,000	22,000	0	18,000	13,000	14,500	0
Nevada.....	5,000	0	0	0	0	0	0	0
Oregon.....	11,000	0	0	0	0	0	0	0
Washington.....	291,204	89,700	136,400	3,000	58,000	144,383	370,647	30,000
U.S. Total.....	7,963,995	2,435,080	6,097,894	87,240	1,602,100	3,812,457	13,500,799	366,290
Puerto Rico.....	53,465	0	14,200	0	19,800	26,500	37,800	0
Virgin Islands.....	225,000	107,000	149,000	0	0	115,000	471,000	0

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2004.

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