



Refinery Capacity Report

June 2025

With data as of January 1, 2025

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Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2025

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	7	1	911,800	819,800	92,000	965,935	869,935	96,000
Delaware.....	1	1	0	171,000	171,000	0	180,000	180,000	0
New Jersey.....	3	2	1	450,500	358,500	92,000	473,135	377,135	96,000
Pennsylvania.....	3	3	0	268,000	268,000	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	25	0	4,247,755	4,247,755	0	4,502,986	4,502,986	0
Illinois.....	4	4	0	1,050,023	1,050,023	0	1,123,139	1,123,139	0
Indiana.....	2	2	0	469,500	469,500	0	475,800	475,800	0
Kansas.....	3	3	0	408,200	408,200	0	418,100	418,100	0
Kentucky.....	1	1	0	300,000	300,000	0	316,000	316,000	0
Michigan.....	1	1	0	144,000	144,000	0	152,000	152,000	0
Minnesota.....	2	2	0	440,000	440,000	0	486,000	486,000	0
North Dakota.....	1	1	0	71,000	71,000	0	75,500	75,500	0
Ohio.....	4	4	0	606,600	606,600	0	630,000	630,000	0
Oklahoma.....	5	5	0	532,500	532,500	0	571,447	571,447	0
Tennessee.....	1	1	0	180,000	180,000	0	205,000	205,000	0
Wisconsin.....	1	1	0	45,932	45,932	0	50,000	50,000	0
PAD District III	59	59	0	10,062,653	10,062,653	0	10,648,791	10,648,791	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	2,982,647	2,982,647	0	3,154,471	3,154,471	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.....	35	35	0	6,343,466	6,343,466	0	6,713,920	6,713,920	0
PAD District IV	15	15	0	643,714	643,714	0	699,375	699,375	0
Colorado.....	2	2	0	103,000	103,000	0	111,700	111,700	0
Montana.....	4	4	0	205,000	205,000	0	216,875	216,875	0
Utah.....	5	5	0	208,714	208,714	0	223,200	223,200	0
Wyoming.....	4	4	0	127,000	127,000	0	147,600	147,600	0
PAD District V	25	25	0	2,557,571	2,557,571	0	2,676,955	2,676,955	0
Alaska.....	5	5	0	176,000	176,000	0	186,000	186,000	0
California.....	13	13	0	1,637,871	1,637,871	0	1,718,900	1,718,900	0
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	672,055	672,055	0
U.S. Total	132	131	1	18,423,493	18,331,493	92,000	19,494,042	19,398,042	96,000

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2025

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	391,200	54,500	305,000	5,000	47,000	182,939	777,941	22,000
Delaware	104,600	54,500	82,000	4,000	24,000	43,000	180,300	0
New Jersey	165,000	0	145,000	0	0	69,039	321,241	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	1,870,662	603,010	1,363,758	8,800	368,770	908,738	4,214,816	19,000
Illinois	503,560	207,910	327,300	0	107,770	252,330	991,249	0
Indiana	290,700	102,000	186,000	200	0	73,850	619,300	0
Kansas	163,500	75,000	105,700	500	43,000	86,000	413,200	0
Kentucky	134,000	0	109,000	0	0	59,000	282,000	14,500
Michigan	90,500	40,500	44,000	0	0	21,500	140,000	0
Minnesota	285,000	82,000	127,000	2,500	67,000	72,500	439,000	4,500
North Dakota	0	0	28,000	3,600	0	12,500	62,100	0
Ohio	164,500	59,000	206,300	0	110,500	172,300	526,400	0
Oklahoma	209,802	36,600	149,135	2,000	14,000	113,458	569,067	0
Tennessee	0	0	70,000	0	26,500	36,000	132,000	0
Wisconsin	29,100	0	11,323	0	0	9,300	40,500	0
PAD District III	4,704,218	1,729,428	2,841,962	16,500	1,421,300	1,860,984	9,467,203	247,500
Alabama	55,000	38,500	0	0	54,000	41,500	123,700	0
Arkansas	48,850	0	21,000	0	0	15,300	98,750	0
Louisiana	1,543,000	586,416	945,341	3,500	456,900	571,986	2,703,076	72,000
Mississippi	358,875	104,000	88,000	0	119,000	101,600	308,500	0
New Mexico	34,300	0	30,000	0	18,000	24,000	118,000	18,000
Texas	2,664,193	1,000,512	1,757,621	13,000	773,400	1,106,598	6,115,177	157,500
PAD District IV	243,800	76,050	212,760	1,000	37,200	120,700	569,630	6,000
Colorado	33,500	0	30,000	500	0	21,900	87,430	0
Montana	124,400	46,050	68,060	0	6,200	35,400	215,000	0
Utah	34,900	10,000	74,700	0	15,000	38,000	152,800	6,000
Wyoming	51,000	20,000	40,000	500	16,000	25,400	114,400	0
PAD District V	1,327,509	510,100	767,579	16,600	489,600	504,205	2,411,044	80,000
Alaska	26,000	0	0	0	13,000	13,500	24,500	0
California	940,056	412,300	619,000	13,600	391,600	335,300	1,837,700	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	318,703	86,800	148,579	3,000	65,000	141,905	535,844	24,000
U.S. Total	8,537,389	2,973,088	5,491,059	47,900	2,363,870	3,577,566	17,440,634	374,500

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2025.

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

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

Table 2. Production Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

PAD District and State	Production Capacity							
	Alkylates	Aromatics	Asphalt and Road Oil	Isomers	Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons/day)
PAD District I	47,961	5,191	45,260	19,280	20,945	13,620	109	1,074
Delaware	12,500	5,191	0	6,000	0	13,620	65	596
New Jersey	18,961	0	21,000	4,000	12,000	0	31	320
Pennsylvania	16,500	0	23,560	9,280	2,945	0	10	157
West Virginia	0	0	700	0	6,000	0	3	1
PAD District II	310,015	112,500	279,900	169,350	9,900	194,911	640	8,501
Illinois	98,570	17,100	43,100	16,000	0	73,559	183	2,187
Indiana	34,400	16,800	33,200	31,750	0	30,000	0	1,913
Kansas	33,500	0	4,000	31,000	0	24,190	156	795
Kentucky	25,000	2,500	35,400	20,000	0	0	0	438
Michigan	8,500	0	32,000	0	0	12,850	0	435
Minnesota	21,000	0	64,500	33,500	0	28,400	209	1,339
North Dakota	5,500	0	0	0	0	0	0	15
Ohio	29,950	20,000	26,000	23,200	0	16,300	0	951
Oklahoma	34,895	21,000	21,700	13,900	9,900	9,612	62	275
Tennessee	17,000	29,000	0	0	0	0	30	116
Wisconsin	1,700	6,100	20,000	0	0	0	0	37
PAD District III	729,308	230,318	204,894	347,870	192,250	510,359	892	24,300
Alabama	0	0	26,000	10,150	0	8,000	45	233
Arkansas	5,000	0	21,300	8,000	5,350	0	13	90
Louisiana	230,120	34,400	86,769	117,720	66,000	164,855	118	5,876
Mississippi	22,600	15,600	16,125	0	48,000	35,500	242	1,264
New Mexico	9,500	0	7,000	0	0	0	38	224
Texas	462,088	180,318	47,700	212,000	72,900	302,004	436	16,613
PAD District IV	44,980	0	62,000	16,368	0	23,574	218	959
Colorado	0	0	13,200	0	0	0	22	116
Montana	16,980	0	39,000	6,750	0	15,274	144	538
Utah	21,700	0	1,800	9,618	0	2,500	0	92
Wyoming	6,300	0	8,000	0	0	5,800	52	213
PAD District V	236,173	1,500	49,050	214,600	39,800	134,232	1,163	5,038
Alaska	0	0	12,500	5,000	0	0	13	25
California	193,962	1,500	25,950	167,000	39,800	110,582	944	4,138
Hawaii	0	0	0	0	0	0	18	38
Nevada	0	0	1,600	0	0	0	0	0
Washington	42,211	0	9,000	42,600	0	23,650	188	837
U.S. Total	1,368,437	349,509	641,104	767,468	262,895	876,696	3,022	39,872

^a Includes hydrogen production capacity of hydrogen plants on refinery grounds and operated by the refinery operator.

MMcfd = Million cubic feet per day.

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

Directory of Operable Petroleum Refineries on Tables 3 and 4

Refiner	State(s)	Refiner	State(s)
Alon Refining Krotz Springs Inc.....	LA	Lazarus Energy LLC.....	TX
Alon USA Energy Inc.....	TX	Lima Refining Company.....	OH
American Refining Group Inc.....	PA	Lion Oil Co.....	AR
Big West Oil Co.....	UT	Magellan Processing LP.....	TX
BP Products North America Inc.....	IN, WA	Lunday Thagard Co.....	CA
Buckeye Texas Processing LLC.....	TX	Marathon Petroleum Co LP.....	IL, KY, LA, MI, OH, TX
Calcasieu Refining Co.....	LA	PDV Midwest Refining LLC.....	IL
Calumet Cotton Valley Refining LLC.....	LA	Par Hawaii Refining LLC.....	HI
Calumet Montana Refining LLC.....	MT	Par Montana LLC.....	MT
Calumet Princeton Refining LLC.....	LA	Pasadena Performance Products LLC.....	TX
Calumet Shreveport Refining LLC.....	LA	Pasadena Refining Systems Inc.....	TX
Cenex Harvest States Coop.....	MT	Paulsboro Refining Co LLC.....	NJ
Chalmette Refining LLC.....	LA	Petro Star Inc.....	AK
Chevron USA Inc.....	CA, MS, UT	Petromax Refining Co LLC.....	TX
CHS McPherson Refinery Inc.....	KS	Martinez Refining Co LLC.....	CA
Citgo Petroleum Corp.....	LA	Phillips 66 Company.....	CA, LA, MT, NJ, OK, TX, WA
Citgo Refining & Chemical Inc.....	TX	Placid Refining Co.....	LA
ConocoPhillips Alaska Inc.....	AK	Premcor Refining Group Inc.....	TX
Countrymark Refining & Logistics LLC.....	IN	San Joaquin Refining Co Inc.....	CA
CPI Operations LLC.....	NJ	Monroe Energy LLC.....	PA
Cross Oil Refining & Marketing Inc.....	AR	Shell Oil Products US.....	LA
CVR Refining CVL LLC.....	KS	Motiva Enterprises LLC.....	TX
CVR Refining WYN LLC.....	OK	Ohio Refining Company LLC.....	OH
Deer Park Refining LP.....	TX	Silver Eagle Refining.....	UT, WY
Delaware City Refining Co LLC.....	DE	St Paul Park Refining Co LLC.....	MN
Delek Refining LTD.....	TX	Suncor Energy (USA) Inc.....	CO
Diamond Shamrock Refining Co LP.....	TX	Superior Refining Company LLC.....	WI
Enterprise Prod Texas Operating LLC.....	TX	Talley Asphalt Products Inc.....	CA
Equistar Chemicals LP.....	TX	Targa Downstream LLC.....	TX
Ergon Refining Inc.....	MS	Tesoro Alaska Company LLC.....	AK
Ergon West Virginia Inc.....	WV	Tesoro Refining & Marketing Co.....	CA, ND, UT, WA
Excel Paralubes.....	LA	Texas International Terminals.....	TX
ExxonMobil Refining & Supply Co.....	IL, LA, TX	The San Antonio Refinery LLC.....	TX
Flint Hills Resources LP.....	MN, TX	Toledo Refining Co LLC.....	OH
Foreland Refining Corp.....	NV	Torrance Refining Co LLC.....	CA
Goodway Refining LLC.....	AL	TotalEnergies Petrochem & Refg USA.....	TX
Hartree Refining LLC.....	TX	Valero Refining Co Oklahoma.....	OK
HF Sinclair Casper Refining Company.....	WY	Trecora Hydrocarbons LLC.....	TX
HF Sinclair El Dorado Refining LLC.....	KS	US Oil & Refining Co.....	WA
HF Sinclair Navajo Refining LLC.....	NM	Ultramar Inc.....	CA
HF Sinclair Puget Sound Refg LLC.....	WA	United Refining Co.....	PA
HF Sinclair Tulsa Refining LLC.....	OK	Valero Ref Company Tennessee LLC.....	TN
HF Sinclair Woods Cross Refining LLC.....	UT	Valero Refining - Meraux LLC.....	LA
HF Sinclair Wyoming Refining Co.....	WY	Valero Refining Co California.....	CA
Hilcorp North Slope LLC.....	AK	Valero Refining Co Texas LP.....	TX
Houston Refining LP.....	TX	Valero Refining New Orleans LLC.....	LA
Hunt Refining Co.....	AL	Vertex Refining Alabama LLC.....	AL
Hunt Southland Refining Co.....	MS	WRB Refining LP.....	IL, TX
Kern Oil & Refining Co.....	CA	Western Refining Company LP.....	TX
Kinder Morgan Crude & Condensate.....	TX	Wyoming Refining Co.....	WY

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Alabama	142,100	0	148,700	0	55,000	38,500	0	0	0
Goodway Refining LLC									
Atmore	4,100	0	5,000	0	0	0	0	0	0
Hunt Refining Co									
Tuscaloosa	50,000	0	52,500	0	26,000	38,500	0	0	0
Vertex Refining Alabama LLC									
Saraland	88,000	0	91,200	0	29,000	0	0	0	0
Alaska	176,000	0	186,000	0	26,000	0	0	0	0
ConocoPhillips Alaska Inc									
Prudhoe Bay	15,000	0	16,000	0	0	0	0	0	0
Hilcorp North Slope LLC									
Prudhoe Bay	6,500	0	8,000	0	0	0	0	0	0
Petro Star Inc									
North Pole	24,000	0	25,000	0	0	0	0	0	0
Valdez	62,500	0	65,000	0	0	0	0	0	0
Tesoro Alaska Company LLC									
Kenai	68,000	0	72,000	0	26,000	0	0	0	0
Arkansas	90,500	0	92,700	0	48,850	0	0	0	0
Cross Oil Refining & Marketing Inc									
Smackover	7,500	0	7,700	0	3,850	0	0	0	0
Lion Oil Co									
El Dorado	83,000	0	85,000	0	45,000	0	0	0	0
California	1,637,871	0	1,718,900	0	940,056	355,300	52,000	5,000	0
Chevron USA Inc									
El Segundo	285,000	0	290,500	0	169,100	76,700	0	0	0
Richmond	245,271	0	257,200	0	123,456	0	0	0	0
Kern Oil & Refining Co									
Bakersfield	26,000	0	27,000	0	0	0	0	0	0
Lunday Thagard Co									
South Gate	8,500	0	10,000	0	5,000	0	0	0	0
Martinez Refining Co LLC									
Martinez	156,400	0	157,000	0	101,000	26,800	22,500	0	0
Phillips 66 Company									
Wilmington	138,700	0	156,000	0	83,400	51,900	0	0	0
San Joaquin Refining Co Inc									
Bakersfield	15,000	0	25,000	0	14,300	0	0	5,000	0
Talley Asphalt Products Inc									
Kern	1,700	0	2,000	0	0	0	0	0	0
Tesoro Refining & Marketing Co									
Carson	365,000	0	384,500	0	205,000	109,100	0	0	0
Torrance Refining Co LLC									
Torrance	160,000	0	166,200	0	102,300	62,000	0	0	0
Ultramar Inc									
Wilmington	85,000	0	87,000	0	46,000	28,800	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Alabama	0	0	0	54,000	0	19,500	22,000	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	0	0	0	24,000	0	19,500	0	0
Vertex Refining Alabama LLC								
Saraland	0	0	0	30,000	0	0	22,000	0
Alaska	0	0	0	13,000	0	13,500	0	0
ConocoPhillips Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
Hilcorp North Slope LLC								
Prudhoe Bay	0	0	0	0	0	0	0	0
Petro Star Inc								
North Pole	0	0	0	0	0	0	0	0
Valdez	0	0	0	0	0	0	0	0
Tesoro Alaska Company LLC								
Kenai	0	0	0	13,000	0	13,500	0	0
Arkansas	21,000	0	0	0	0	15,300	0	0
Cross Oil Refining & Marketing Inc								
Smackover	0	0	0	0	0	0	0	0
Lion Oil Co								
El Dorado	21,000	0	0	0	0	15,300	0	0
California	619,000	13,600	233,200	158,400	0	171,800	163,500	56,000
Chevron USA Inc								
El Segundo	73,800	0	0	55,000	0	49,000	0	0
Richmond	90,000	0	0	103,400	0	71,300	0	56,000
Kern Oil & Refining Co								
Bakersfield	0	0	0	0	0	2,500	3,300	0
Lunday Thagard Co								
South Gate	0	0	0	0	0	0	0	0
Martinez Refining Co LLC								
Martinez	72,000	0	42,900	0	0	31,000	0	0
Phillips 66 Company								
Wilmington	51,600	0	27,500	0	0	0	40,000	0
San Joaquin Refining Co Inc								
Bakersfield	0	0	0	0	0	0	0	0
Talley Asphalt Products Inc								
Kern	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Carson	110,000	0	100,500	0	0	0	83,000	0
Torrance Refining Co LLC								
Torrance	90,000	13,600	28,300	0	0	0	0	0
Ultramar Inc								
Wilmington	56,300	0	0	0	0	18,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Alabama	46,200	0	21,500	17,000	28,500	0	10,500	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	19,500	0	3,500	0	28,500	0	10,500	0
Vertex Refining Alabama LLC								
Saraland	26,700	0	18,000	17,000	0	0	0	0
Alaska	13,000	0	0	11,500	0	0	0	0
ConocoPhillips Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
Hilcorp North Slope LLC								
Prudhoe Bay	0	0	0	0	0	0	0	0
Petro Star Inc								
North Pole	0	0	0	0	0	0	0	0
Valdez	0	0	0	0	0	0	0	0
Tesoro Alaska Company LLC								
Kenai	13,000	0	0	11,500	0	0	0	0
Arkansas	20,000	8,750	0	35,000	0	0	21,000	14,000
Cross Oil Refining & Marketing Inc								
Smackover	0	0	0	0	0	0	0	6,000
Lion Oil Co								
El Dorado	20,000	8,750	0	35,000	0	0	21,000	8,000
California	376,900	215,000	204,300	252,100	81,100	0	638,100	70,200
Chevron USA Inc								
El Segundo	62,500	0	41,500	51,500	14,000	0	74,000	0
Richmond	57,600	64,800	96,000	64,800	0	0	65,000	34,000
Kern Oil & Refining Co								
Bakersfield	5,000	0	0	0	9,000	0	0	0
Lunday Thagard Co								
South Gate	0	0	0	0	0	0	0	0
Martinez Refining Co LLC								
Martinez	28,000	90,000	0	0	49,500	0	80,500	14,500
Phillips 66 Company								
Wilmington	57,500	0	12,900	32,000	0	0	55,500	0
San Joaquin Refining Co Inc								
Bakersfield	0	0	0	0	3,600	0	1,800	0
Talley Asphalt Products Inc								
Kern	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Carson	79,000	17,000	38,500	24,000	0	0	147,000	0
Torrance Refining Co LLC								
Torrance	25,300	0	0	19,800	0	0	108,300	0
Ultramar Inc								
Wilmington	32,000	0	0	45,000	0	0	67,000	0

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(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
California	1,637,871	0	1,718,900	0	940,056	355,300	52,000	5,000	0
Valero Refining Co California									
Benicia	145,000	0	150,000	0	85,500	0	29,500	0	0
Wilmington	6,300	0	6,500	0	5,000	0	0	0	0
Colorado	103,000	0	111,700	0	33,500	0	0	0	0
Suncor Energy (USA) Inc									
Commerce City East	36,000	0	38,700	0	8,500	0	0	0	0
Commerce City West	67,000	0	73,000	0	25,000	0	0	0	0
Delaware	171,000	0	180,000	0	104,600	0	54,500	0	0
Delaware City Refining Co LLC									
Delaware City	171,000	0	180,000	0	104,600	0	54,500	0	0
Hawaii	93,500	0	95,000	0	40,000	0	0	11,000	0
Par Hawaii Refining LLC									
Kapolei	93,500	0	95,000	0	40,000	0	0	11,000	0
Illinois	1,050,023	0	1,123,139	0	503,560	207,910	0	0	0
ExxonMobil Refining & Supply Co									
Joliet	264,000	0	275,000	0	143,800	58,500	0	0	0
Marathon Petroleum Co LP									
Robinson	253,000	0	266,000	0	76,000	31,000	0	0	0
PDV Midwest Refining LLC									
Lemont	188,023	0	197,919	0	77,200	41,220	0	0	0
WRB Refining LP									
Wood River	345,000	0	384,220	0	206,560	77,190	0	0	0
Indiana	469,500	0	475,800	0	290,700	102,000	0	0	0
BP Products North America Inc									
Whiting	435,000	0	440,000	0	276,200	102,000	0	0	0
Countrymark Refining & Logistics LLC									
Mount Vernon	34,500	0	35,800	0	14,500	0	0	0	0
Kansas	408,200	0	418,100	0	163,500	75,000	0	0	0
CHS McPherson Refinery Inc									
McPherson	114,200	0	117,100	0	52,500	27,500	0	0	0
CVR Refining CVL LLC									
Coffeyville	132,000	0	136,000	0	46,000	25,000	0	0	0
HF Sinclair El Dorado Refining LLC									
El Dorado	162,000	0	165,000	0	65,000	22,500	0	0	0
Kentucky	300,000	0	316,000	0	134,000	0	0	0	0
Marathon Petroleum Co LP									
Catlettsburg	300,000	0	316,000	0	134,000	0	0	0	0
Louisiana	2,982,647	0	3,154,471	0	1,543,000	567,043	0	0	19,373
Alon Refining Krotz Springs Inc									
Krotz Springs	80,000	0	83,000	0	36,200	0	0	0	0
Calcasieu Refining Co									
Lake Charles	135,500	0	137,000	0	36,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
California	619,000	13,600	233,200	158,400	0	171,800	163,500	56,000
Valero Refining Co California								
Benicia	75,300	0	34,000	0	0	0	37,200	0
Wilmington	0	0	0	0	0	0	0	0
Colorado	30,000	500	0	0	0	21,900	0	0
Suncor Energy (USA) Inc								
Commerce City East	9,000	500	0	0	0	11,000	0	0
Commerce City West	21,000	0	0	0	0	10,900	0	0
Delaware	82,000	4,000	0	24,000	0	43,000	0	0
Delaware City Refining Co LLC								
Delaware City	82,000	4,000	0	24,000	0	43,000	0	0
Hawaii	0	0	2,000	18,000	0	13,500	0	0
Par Hawaii Refining LLC								
Kapolei	0	0	2,000	18,000	0	13,500	0	0
Illinois	327,300	0	0	107,770	0	216,530	35,800	0
ExxonMobil Refining & Supply Co								
Joliet	100,300	0	0	0	0	52,600	0	0
Marathon Petroleum Co LP								
Robinson	54,500	0	0	44,000	0	82,000	0	0
PDV Midwest Refining LLC								
Lemont	69,500	0	0	0	0	0	35,800	0
WRB Refining LP								
Wood River	103,000	0	0	63,770	0	81,930	0	0
Indiana	186,000	200	0	0	0	6,850	67,000	0
BP Products North America Inc								
Whiting	177,000	0	0	0	0	0	67,000	0
Countrysmark Refining & Logistics LLC								
Mount Vernon	9,000	200	0	0	0	6,850	0	0
Kansas	105,700	500	0	43,000	0	62,500	23,500	0
CHS McPherson Refinery Inc								
McPherson	24,800	500	0	43,000	0	28,500	0	0
CVR Refining CVL LLC								
Coffeyville	36,900	0	0	0	0	26,500	0	0
HF Sinclair El Dorado Refining LLC								
El Dorado	44,000	0	0	0	0	7,500	23,500	0
Kentucky	109,000	0	0	0	0	24,500	34,500	14,500
Marathon Petroleum Co LP								
Catlettsburg	109,000	0	0	0	0	24,500	34,500	14,500
Louisiana	945,341	3,500	55,000	401,900	0	475,786	96,200	72,000
Alon Refining Krotz Springs Inc								
Krotz Springs	34,000	0	0	0	0	0	13,000	0
Calcasieu Refining Co								
Lake Charles	0	0	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
California	376,900	215,000	204,300	252,100	81,100	0	638,100	70,200
Valero Refining Co California								
Benicia	30,000	43,200	15,400	15,000	5,000	0	39,000	21,700
Wilmington	0	0	0	0	0	0	0	0
Colorado	22,000	0	12,100	23,330	0	0	30,000	0
Suncor Energy (USA) Inc								
Commerce City East	11,000	0	0	0	0	0	0	0
Commerce City West	11,000	0	12,100	23,330	0	0	30,000	0
Delaware	58,800	33,000	16,500	52,000	0	0	0	20,000
Delaware City Refining Co LLC								
Delaware City	58,800	33,000	16,500	52,000	0	0	0	20,000
Hawaii	13,000	0	0	0	0	0	0	0
Par Hawaii Refining LLC								
Kapolei	13,000	0	0	0	0	0	0	0
Illinois	450,970	122,190	66,950	333,339	0	0	0	17,800
ExxonMobil Refining & Supply Co								
Joliet	179,300	0	0	89,100	0	0	0	0
Marathon Petroleum Co LP								
Robinson	71,000	46,000	0	84,000	0	0	0	0
PDV Midwest Refining LLC								
Lemont	111,300	0	13,700	97,160	0	0	0	6,800
WRB Refining LP								
Wood River	89,370	76,190	53,250	63,079	0	0	0	11,000
Indiana	134,400	103,700	51,400	137,800	0	0	192,000	0
BP Products North America Inc								
Whiting	122,700	97,000	51,400	121,500	0	0	192,000	0
Countryside Refining & Logistics LLC								
Mount Vernon	11,700	6,700	0	16,300	0	0	0	0
Kansas	130,400	49,000	21,000	135,000	27,800	0	50,000	0
CHS McPherson Refinery Inc								
McPherson	42,400	0	0	47,000	0	0	0	0
CVR Refining CVL LLC								
Coffeyville	38,000	22,000	9,000	34,000	27,800	0	0	0
HF Sinclair El Dorado Refining LLC								
El Dorado	50,000	27,000	12,000	54,000	0	0	50,000	0
Kentucky	59,500	0	34,000	81,500	0	0	107,000	0
Marathon Petroleum Co LP								
Catlettsburg	59,500	0	34,000	81,500	0	0	107,000	0
Louisiana	605,985	764,520	208,453	803,700	9,500	0	266,740	44,178
Alon Refining Krotz Springs Inc								
Krotz Springs	14,000	18,000	0	0	0	0	0	0
Calcasieu Refining Co								
Lake Charles	0	0	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Louisiana	2,982,647	0	3,154,471	0	1,543,000	567,043	0	0	19,373
Calumet Cotton Valley Refining LLC Cotton Valley	13,020	0	14,000	0	0	0	0	0	0
Calumet Princeton Refining LLC Princeton	8,300	0	8,655	0	7,000	0	0	0	0
Calumet Shreveport Refining LLC Shreveport	57,000	0	60,000	0	28,000	0	0	0	0
Chalmette Refining LLC Chalmette	190,000	0	197,000	0	169,000	42,000	0	0	0
Citgo Petroleum Corp Lake Charles	459,800	0	484,000	0	230,000	110,000	0	0	0
Excel Paralubes Westlake	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge	522,500	0	544,600	0	254,000	123,500	0	0	0
Marathon Petroleum Co LP Garyville	606,000	0	638,000	0	299,000	110,500	0	0	0
Phillips 66 Company Westlake	263,700	0	285,716	0	128,900	66,543	0	0	19,373
Placid Refining Co Port Allen	75,000	0	82,500	0	27,000	0	0	0	0
Shell Oil Products US Norco	231,827	0	250,000	0	91,300	28,500	0	0	0
Valero Refining - Meraux LLC Meraux	125,000	0	135,000	0	56,600	0	0	0	0
Valero Refining New Orleans LLC Norco	215,000	0	235,000	0	180,000	86,000	0	0	0
Michigan	144,000	0	152,000	0	90,500	40,500	0	0	0
Marathon Petroleum Co LP Detroit	144,000	0	152,000	0	90,500	40,500	0	0	0
Minnesota	440,000	0	486,000	0	285,000	82,000	0	0	0
Flint Hills Resources LP Saint Paul	335,000	0	375,000	0	234,000	82,000	0	0	0
St Paul Park Refining Co LLC Saint Paul	105,000	0	111,000	0	51,000	0	0	0	0
Mississippi	393,940	0	415,000	0	358,875	104,000	0	0	0
Chevron USA Inc Pascagoula	356,440	0	375,200	0	334,000	104,000	0	0	0
Ergon Refining Inc Vicksburg	26,500	0	27,300	0	18,000	0	0	0	0
Hunt Southland Refining Co Sandersville	11,000	0	12,500	0	6,875	0	0	0	0
Montana	205,000	0	216,875	0	124,400	36,050	10,000	0	0
Calumet Montana Refining LLC Great Falls	15,000	0	17,000	0	10,000	0	0	0	0
Cenex Harvest States Coop Laurel	62,500	0	64,000	0	32,200	16,000	0	0	0
Par Montana LLC Billings	61,500	0	62,900	0	32,300	0	10,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Louisiana	945,341	3,500	55,000	401,900	0	475,786	96,200	72,000
Calumet Cotton Valley Refining LLC								
Cotton Valley	0	0	0	0	0	0	0	0
Calumet Princeton Refining LLC								
Princeton	0	0	0	0	0	0	0	0
Calumet Shreveport Refining LLC								
Shreveport	0	0	0	0	0	12,000	0	0
Chalmette Refining LLC								
Chalmette	75,600	0	0	0	0	22,700	30,000	0
Citgo Petroleum Corp								
Lake Charles	148,000	3,000	0	51,200	0	65,000	53,200	0
Excel Paralubes								
Westlake	0	0	0	43,000	0	0	0	0
ExxonMobil Refining & Supply Co								
Baton Rouge	243,000	0	27,000	0	0	80,000	0	0
Marathon Petroleum Co LP								
Garyville	150,000	0	0	130,000	0	138,500	0	38,000
Phillips 66 Company								
Westlake	50,941	0	0	0	0	49,086	0	0
Placid Refining Co								
Port Allen	25,000	500	0	0	0	11,500	0	12,000
Shell Oil Products US								
Norco	118,800	0	0	44,000	0	40,000	0	0
Valero Refining - Meraux LLC								
Meraux	0	0	0	48,700	0	32,000	0	22,000
Valero Refining New Orleans LLC								
Norco	100,000	0	28,000	85,000	0	25,000	0	0
Michigan	44,000	0	0	0	0	21,500	0	0
Marathon Petroleum Co LP								
Detroit	44,000	0	0	0	0	21,500	0	0
Minnesota	127,000	2,500	67,000	0	0	36,000	36,500	4,500
Flint Hills Resources LP								
Saint Paul	96,000	0	67,000	0	0	36,000	13,000	0
St Paul Park Refining Co LLC								
Saint Paul	31,000	2,500	0	0	0	0	23,500	4,500
Mississippi	88,000	0	0	119,000	0	61,600	40,000	0
Chevron USA Inc								
Pascagoula	88,000	0	0	119,000	0	61,600	40,000	0
Ergon Refining Inc								
Vicksburg	0	0	0	0	0	0	0	0
Hunt Southland Refining Co								
Sandersville	0	0	0	0	0	0	0	0
Montana	68,060	0	6,200	0	0	12,500	22,900	0
Calumet Montana Refining LLC								
Great Falls	3,000	0	0	0	0	0	1,400	0
Cenex Harvest States Coop								
Laurel	16,500	0	0	0	0	12,500	0	0
Par Montana LLC								
Billings	23,660	0	6,200	0	0	0	12,500	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025
(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Louisiana	605,985	764,520	208,453	803,700	9,500	0	266,740	44,178
Calumet Cotton Valley Refining LLC								
Cotton Valley	6,500	0	0	0	0	0	0	0
Calumet Princeton Refining LLC								
Princeton	0	0	0	0	9,500	0	0	0
Calumet Shreveport Refining LLC								
Shreveport	16,000	0	0	14,000	0	0	21,100	1,200
Chalmette Refining LLC								
Chalmette	42,000	46,000	0	35,000	0	0	65,600	0
Citgo Petroleum Corp								
Lake Charles	131,200	85,400	70,100	100,000	0	0	0	23,800
Excel Paralubes								
Westlake	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Baton Rouge	80,000	266,300	0	216,900	0	0	0	0
Marathon Petroleum Co LP								
Garyville	125,000	128,000	85,000	181,500	0	0	106,000	0
Phillips 66 Company								
Westlake	52,285	63,820	38,353	55,300	0	0	50,040	19,178
Placid Refining Co								
Port Allen	12,000	20,000	0	25,000	0	0	0	0
Shell Oil Products US								
Norco	42,000	77,000	0	70,000	0	0	0	0
Valero Refining - Meraux LLC								
Meraux	40,000	0	15,000	40,000	0	0	0	0
Valero Refining New Orleans LLC								
Norco	45,000	60,000	0	66,000	0	0	24,000	0
Michigan	36,500	0	8,000	51,000	0	0	44,500	0
Marathon Petroleum Co LP								
Detroit	36,500	0	8,000	51,000	0	0	44,500	0
Minnesota	74,000	57,000	53,500	95,500	0	0	159,000	0
Flint Hills Resources LP								
Saint Paul	49,000	57,000	43,500	63,500	0	0	128,000	0
St Paul Park Refining Co LLC								
Saint Paul	25,000	0	10,000	32,000	0	0	31,000	0
Mississippi	62,000	0	34,000	38,000	0	0	104,000	70,500
Chevron USA Inc								
Pascagoula	62,000	0	34,000	35,500	0	0	104,000	50,000
Ergon Refining Inc								
Vicksburg	0	0	0	2,500	0	0	0	20,500
Hunt Southland Refining Co								
Sandersville	0	0	0	0	0	0	0	0
Montana	45,900	27,800	13,400	47,100	25,000	0	47,900	7,900
Calumet Montana Refining LLC								
Great Falls	2,750	0	0	7,000	0	0	0	0
Cenex Harvest States Coop								
Laurel	17,000	0	0	0	25,000	0	20,000	0
Par Montana LLC								
Billings	13,900	20,500	7,600	11,000	0	0	0	7,900

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Montana	205,000	0	216,875	0	124,400	36,050	10,000	0	0
Phillips 66 Company Billings	66,000	0	72,975	0	49,900	20,050	0	0	0
Nevada	2,000	0	5,000	0	2,750	0	0	0	0
Foreland Refining Corp Ely	2,000	0	5,000	0	2,750	0	0	0	0
New Jersey	358,500	92,000	377,135	96,000	165,000	0	0	0	0
CPI Operations LLC Paulsboro	0	32,000	0	35,000	0	0	0	0	0
Paulsboro Refining Co LLC Paulsboro	100,000	60,000	105,000	61,000	90,000	0	0	0	0
Phillips 66 Company Linden	258,500	0	272,135	0	75,000	0	0	0	0
New Mexico	110,000	0	124,000	0	34,300	0	0	0	0
HF Sinclair Navajo Refining LLC Artesia	110,000	0	124,000	0	34,300	0	0	0	0
North Dakota	71,000	0	75,500	0	0	0	0	0	0
Tesoro Refining & Marketing Co Mandan	71,000	0	75,500	0	0	0	0	0	0
Ohio	606,600	0	630,000	0	164,500	59,000	0	0	0
Lima Refining Company Lima	183,000	0	185,000	0	57,000	23,000	0	0	0
Marathon Petroleum Co LP Canton	100,000	0	105,000	0	35,000	0	0	0	0
Ohio Refining Company LLC Toledo	150,800	0	160,000	0	72,500	36,000	0	0	0
Toledo Refining Co LLC Toledo	172,800	0	180,000	0	0	0	0	0	0
Oklahoma	532,500	0	571,447	0	209,802	36,600	0	0	0
CVR Refining WYN LLC Wynnewood	74,500	0	78,000	0	34,000	0	0	0	0
HF Sinclair Tulsa Refining LLC Tulsa East	70,300	0	75,500	0	27,000	0	0	0	0
Tulsa West	85,000	0	91,020	0	32,000	9,300	0	0	0
Phillips 66 Company Ponca City	216,700	0	236,927	0	84,802	27,300	0	0	0
Valero Refining Co Oklahoma Ardmore	86,000	0	90,000	0	32,000	0	0	0	0
Pennsylvania	268,000	0	289,800	0	113,000	0	0	0	0
American Refining Group Inc Bradford	11,000	0	11,800	0	0	0	0	0	0
Monroe Energy LLC Trainer	190,000	0	208,000	0	73,000	0	0	0	0
United Refining Co Warren	67,000	0	70,000	0	40,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Montana	68,060	0	6,200	0	0	12,500	22,900	0
Phillips 66 Company Billings	24,900	0	0	0	0	0	9,000	0
Nevada	0	0	0	0	0	0	0	0
Foreland Refining Corp Ely	0	0	0	0	0	0	0	0
New Jersey	145,000	0	0	0	0	32,000	37,039	22,000
CPI Operations LLC Paulsboro	0	0	0	0	0	0	0	0
Paulsboro Refining Co LLC Paulsboro	0	0	0	0	0	32,000	0	0
Phillips 66 Company Linden	145,000	0	0	0	0	0	37,039	22,000
New Mexico	30,000	0	0	18,000	0	24,000	0	18,000
HF Sinclair Navajo Refining LLC Artesia	30,000	0	0	18,000	0	24,000	0	18,000
North Dakota	28,000	3,600	0	0	0	0	12,500	0
Tesoro Refining & Marketing Co Mandan	28,000	3,600	0	0	0	0	12,500	0
Ohio	206,300	0	52,000	58,500	0	65,500	106,800	0
Lima Refining Company Lima	45,300	0	0	26,000	0	0	55,000	0
Marathon Petroleum Co LP Canton	24,000	0	0	0	0	23,500	0	0
Ohio Refining Company LLC Toledo	55,000	0	0	32,500	0	42,000	0	0
Toledo Refining Co LLC Toledo	82,000	0	52,000	0	0	0	51,800	0
Oklahoma	149,135	2,000	14,000	0	0	64,200	49,258	0
CVR Refining WYN LLC Wynnewood	21,200	0	0	0	0	18,700	0	0
HF Sinclair Tulsa Refining LLC Tulsa East	28,000	2,000	0	0	0	25,000	0	0
Tulsa West	0	0	0	0	0	0	0	0
Phillips 66 Company Ponca City	69,935	0	0	0	0	0	49,258	0
Valero Refining Co Oklahoma Ardmore	30,000	0	14,000	0	0	20,500	0	0
Pennsylvania	78,000	1,000	23,000	0	0	50,000	16,200	0
American Refining Group Inc Bradford	0	0	0	0	0	0	2,200	0
Monroe Energy LLC Trainer	53,000	0	23,000	0	0	50,000	0	0
United Refining Co Warren	25,000	1,000	0	0	0	0	14,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Montana	45,900	27,800	13,400	47,100	25,000	0	47,900	7,900
Phillips 66 Company Billings	12,250	7,300	5,800	29,100	0	0	27,900	0
Nevada	0	0	0	0	0	0	0	0
Foreland Refining Corp Ely	0	0	0	0	0	0	0	0
New Jersey	70,944	65,500	29,100	155,697	0	0	0	0
CPI Operations LLC Paulsboro	0	0	0	0	0	0	0	0
Paulsboro Refining Co LLC Paulsboro	32,000	0	29,100	46,000	0	0	0	0
Phillips 66 Company Linden	38,944	65,500	0	109,697	0	0	0	0
New Mexico	42,000	0	15,000	43,000	0	0	18,000	0
HF Sinclair Navajo Refining LLC Artesia	42,000	0	15,000	43,000	0	0	18,000	0
North Dakota	29,600	0	7,000	25,500	0	0	0	0
Tesoro Refining & Marketing Co Mandan	29,600	0	7,000	25,500	0	0	0	0
Ohio	187,400	107,000	72,500	84,000	0	0	75,500	0
Lima Refining Company Lima	63,000	35,000	27,000	36,000	0	0	0	0
Marathon Petroleum Co LP Canton	36,500	0	13,500	25,500	0	0	22,500	0
Ohio Refining Company LLC Toledo	42,000	0	0	22,500	0	0	53,000	0
Toledo Refining Co LLC Toledo	45,900	72,000	32,000	0	0	0	0	0
Oklahoma	158,558	114,379	18,902	145,336	39,161	0	56,875	35,856
CVR Refining WYN LLC Wynnewood	29,300	14,900	0	28,200	0	0	0	0
HF Sinclair Tulsa Refining LLC Tulsa East	25,000	29,000	0	45,000	0	0	0	0
Tulsa West	28,000	0	0	0	0	0	0	21,600
Phillips 66 Company Ponca City	49,258	53,979	18,902	37,136	39,161	0	22,425	14,256
Valero Refining Co Oklahoma Ardmore	27,000	16,500	0	35,000	0	0	34,450	0
Pennsylvania	109,900	39,000	28,300	75,100	0	0	0	0
American Refining Group Inc Bradford	3,900	0	0	4,800	0	0	0	0
Monroe Energy LLC Trainer	80,000	34,000	23,300	53,300	0	0	0	0
United Refining Co Warren	26,000	5,000	5,000	17,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Tennessee	180,000	0	205,000	0	0	0	0	0	0
Valero Ref Company Tennessee LLC Memphis	180,000	0	205,000	0	0	0	0	0	0
Texas	6,343,466	0	6,713,920	0	2,664,193	958,512	42,000	0	0
Alon USA Energy Inc Big Spring	73,000	0	74,000	0	28,000	0	0	0	0
Buckeye Texas Processing LLC Corpus Christi	60,000	0	65,000	0	0	0	0	0	0
Citgo Refining & Chemical Inc Corpus Christi	165,000	0	175,500	0	85,300	45,100	0	0	0
Deer Park Refining LP Deer Park	312,500	0	340,000	0	180,000	96,000	0	0	0
Delek Refining LTD Tyler	74,000	0	77,500	0	28,000	7,500	0	0	0
Diamond Shamrock Refining Co LP Sunray	195,000	0	204,000	0	50,000	0	0	0	0
Three Rivers	89,000	0	100,000	0	33,500	0	0	0	0
Enterprise Prod Texas Operating LLC Mont Belvieu	0	0	0	0	0	0	0	0	0
Equistar Chemicals LP Channelview	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baytown	564,440	0	588,000	0	297,000	54,000	42,000	0	0
Beaumont	612,000	0	637,400	0	180,000	47,000	0	0	0
Flint Hills Resources LP Corpus Christi East	87,500	0	90,000	0	0	0	0	0	0
Corpus Christi West	268,500	0	275,000	0	87,500	0	0	0	0
Hartree Refining LLC Channelview	45,000	0	50,000	0	0	0	0	0	0
Houston Refining LP Houston	263,776	0	289,000	0	196,500	100,500	0	0	0
Kinder Morgan Crude & Condensate Galena Park	105,000	0	121,000	0	0	0	0	0	0
Lazarus Energy LLC Nixon	14,000	0	15,000	0	0	0	0	0	0
Magellan Processing LP Corpus Christi	50,000	0	55,000	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	631,000	0	665,000	0	259,500	32,500	0	0	0
Motiva Enterprises LLC Port Arthur	640,500	0	659,700	0	331,800	178,000	0	0	0
Pasadena Performance Products LLC Pasadena	0	0	0	0	0	0	0	0	0
Pasadena Refining Systems Inc Pasadena	118,750	0	125,000	0	38,000	0	0	0	0
Petromax Refining Co LLC Houston	25,000	0	27,500	0	0	0	0	0	0
Phillips 66 Company Sweeny	264,500	0	293,532	0	132,066	78,732	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Tennessee	70,000	0	26,500	0	0	36,000	0	0
Valero Ref Company Tennessee LLC Memphis	70,000	0	26,500	0	0	36,000	0	0
Texas	1,757,621	13,000	255,100	433,800	84,500	1,005,476	101,122	157,500
Alon USA Energy Inc Big Spring	23,500	0	0	0	0	21,500	0	10,000
Buckeye Texas Processing LLC Corpus Christi	0	0	0	0	0	0	0	0
Citgo Refining & Chemical Inc Corpus Christi	70,700	0	0	0	0	51,500	0	0
Deer Park Refining LP Deer Park	75,100	5,000	0	62,000	0	44,000	24,500	0
Delek Refining LTD Tyler	20,250	0	0	0	0	17,500	0	0
Diamond Shamrock Refining Co LP Sunray	56,000	0	0	27,000	0	29,000	18,000	13,500
Three Rivers	23,840	0	0	28,000	0	23,500	10,000	0
Enterprise Prod Texas Operating LLC Mont Belvieu	0	0	0	0	0	0	0	0
Equistar Chemicals LP Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baytown	220,000	8,000	30,600	0	0	126,500	0	47,000
Beaumont	115,000	0	70,000	0	0	146,000	0	0
Flint Hills Resources LP Corpus Christi East	49,100	0	0	0	0	0	0	0
Corpus Christi West	58,100	0	0	15,500	0	0	0	0
Hartree Refining LLC Channelview	0	0	0	0	0	0	0	0
Houston Refining LP Houston	110,000	0	0	0	0	0	0	0
Kinder Morgan Crude & Condensate Galena Park	0	0	0	0	0	0	0	0
Lazarus Energy LLC Nixon	0	0	0	0	0	0	0	0
Magellan Processing LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	219,500	0	79,500	0	84,500	147,000	0	20,000
Motiva Enterprises LLC Port Arthur	92,600	0	0	115,500	0	134,500	0	0
Pasadena Performance Products LLC Pasadena	0	0	0	0	0	0	0	0
Pasadena Refining Systems Inc Pasadena	0	0	0	0	0	24,000	0	0
Petromax Refining Co LLC Houston	0	0	0	0	0	0	0	0
Phillips 66 Company Sweeny	116,005	0	0	0	0	46,176	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Tennessee	55,000	39,000	0	38,000	0	0	0	0
Valero Ref Company Tennessee LLC Memphis	55,000	39,000	0	38,000	0	0	0	0
Texas	1,487,779	1,095,420	685,473	1,492,220	0	75,000	985,185	294,100
Alon USA Energy Inc Big Spring	25,500	0	5,000	24,000	0	0	6,300	0
Buckeye Texas Processing LLC Corpus Christi	0	0	0	0	0	0	0	0
Citgo Refining & Chemical Inc Corpus Christi	52,800	47,080	0	102,267	0	0	70,900	0
Deer Park Refining LP Deer Park	80,000	46,600	40,000	50,000	0	0	45,000	63,000
Delek Refining LTD Tyler	28,000	13,000	0	36,000	0	0	0	0
Diamond Shamrock Refining Co LP Sunray	44,400	39,600	0	48,000	0	0	0	0
Three Rivers	35,000	0	0	28,000	0	0	20,000	0
Enterprise Prod Texas Operating LLC Mont Belvieu	0	0	0	0	0	0	0	65,000
Equistar Chemicals LP Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baytown	158,000	212,100	134,400	160,000	0	0	117,000	50,300
Beaumont	173,700	69,700	121,000	97,000	0	0	0	23,300
Flint Hills Resources LP Corpus Christi East	33,000	0	0	0	0	0	0	0
Corpus Christi West	60,000	72,000	32,000	91,000	0	0	0	0
Hartree Refining LLC Channelview	0	0	0	0	0	0	0	0
Houston Refining LP Houston	61,000	89,000	41,000	92,600	0	0	117,000	0
Kinder Morgan Crude & Condensate Galena Park	0	0	0	0	0	0	0	0
Lazarus Energy LLC Nixon	0	0	0	0	0	0	0	0
Magellan Processing LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	129,000	57,000	76,000	60,000	0	0	108,500	0
Motiva Enterprises LLC Port Arthur	186,500	55,000	79,000	182,000	0	0	65,000	21,000
Pasadena Performance Products LLC Pasadena	0	0	0	0	0	0	0	0
Pasadena Refining Systems Inc Pasadena	24,000	0	12,400	0	0	0	0	0
Petromax Refining Co LLC Houston	0	0	0	0	0	0	0	0
Phillips 66 Company Sweeny	70,590	60,000	0	124,107	0	0	107,751	16,000

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Texas	6,343,466	0	6,713,920	0	2,664,193	958,512	42,000	0	0
Premcor Refining Group Inc									
Port Arthur	380,000	0	424,000	0	220,000	158,000	0	0	0
Targa Downstream LLC									
Mont Belvieu	0	0	0	0	0	0	0	0	0
Texas International Terminals									
Galveston	45,000	0	50,000	0	0	0	0	0	0
The San Antonio Refinery LLC									
San Antonio	20,000	0	21,000	0	0	0	0	0	0
TotalEnergies Petrochem & Refg USA									
Port Arthur	238,000	0	245,000	0	117,000	60,000	0	0	0
Trecora Hydrocarbons LLC									
Silsbee	0	0	0	0	0	0	0	0	0
Valero Refining Co Texas LP									
Corpus Christi	290,000	0	301,000	0	91,000	19,000	0	0	0
Houston	205,000	0	218,700	0	38,000	0	0	0	0
Texas City	225,000	0	227,400	0	133,500	53,500	0	0	0
Western Refining Company LP									
El Paso	133,000	0	140,000	0	55,500	0	0	0	0
WRB Refining LP									
Borger	149,000	0	159,688	0	82,027	28,680	0	0	0
Utah	208,714	0	223,200	0	34,900	10,000	0	0	0
Big West Oil Co									
North Salt Lake	31,664	0	36,000	0	0	0	0	0	0
Chevron USA Inc									
Salt Lake City	54,720	0	57,600	0	27,900	10,000	0	0	0
HF Sinclair Woods Cross Refining LLC									
Woods Cross	39,330	0	41,400	0	0	0	0	0	0
Silver Eagle Refining									
Woods Cross	15,000	0	15,700	0	7,000	0	0	0	0
Tesoro Refining & Marketing Co									
Salt Lake City	68,000	0	72,500	0	0	0	0	0	0
Washington	648,200	0	672,055	0	318,703	86,800	0	0	0
BP Products North America Inc									
Ferndale	238,500	0	251,000	0	139,000	61,500	0	0	0
HF Sinclair Puget Sound Refg LLC									
Anacortes	145,000	0	149,000	0	65,800	25,300	0	0	0
Phillips 66 Company									
Ferndale	105,000	0	108,055	0	46,703	0	0	0	0
Tesoro Refining & Marketing Co									
Anacortes	119,000	0	122,000	0	48,000	0	0	0	0
US Oil & Refining Co									
Tacoma	40,700	0	42,000	0	19,200	0	0	0	0
West Virginia	22,300	0	23,000	0	8,600	0	0	0	0
Ergon West Virginia Inc									
Newell	22,300	0	23,000	0	8,600	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Texas	1,757,621	13,000	255,100	433,800	84,500	1,005,476	101,122	157,500
Premcor Refining Group Inc								
Port Arthur	75,000	0	0	134,800	0	58,000	0	0
Targa Downstream LLC								
Mont Belvieu	0	0	0	0	0	0	0	0
Texas International Terminals								
Galveston	0	0	0	0	0	0	0	0
The San Antonio Refinery LLC								
San Antonio	0	0	0	0	0	0	6,000	0
TotalEnergies Petrochem & Refg USA								
Port Arthur	80,000	0	0	0	0	43,000	0	15,500
Trecora Hydrocarbons LLC								
Silsbee	0	0	0	0	0	5,200	0	0
Valero Refining Co Texas LP								
Corpus Christi	95,500	0	0	51,000	0	39,000	11,000	0
Houston	75,200	0	75,000	0	0	0	0	18,000
Texas City	86,000	0	0	0	0	18,100	0	33,500
Western Refining Company LP								
El Paso	35,000	0	0	0	0	31,000	0	0
WRB Refining LP								
Borger	61,226	0	0	0	0	0	31,622	0
Utah	74,700	0	0	15,000	0	0	38,000	6,000
Big West Oil Co								
North Salt Lake	12,500	0	0	0	0	0	9,000	0
Chevron USA Inc								
Salt Lake City	15,500	0	0	0	0	0	9,100	0
HF Sinclair Woods Cross Refining LLC								
Woods Cross	18,200	0	0	15,000	0	0	8,400	6,000
Silver Eagle Refining								
Woods Cross	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Salt Lake City	28,500	0	0	0	0	0	11,500	0
Washington	148,579	3,000	0	65,000	0	113,405	28,500	24,000
BP Products North America Inc								
Ferndale	0	0	0	65,000	0	65,400	0	0
HF Sinclair Puget Sound Refg LLC								
Anacortes	57,900	0	0	0	0	0	21,700	0
Phillips 66 Company								
Ferndale	39,179	0	0	0	0	18,505	0	0
Tesoro Refining & Marketing Co								
Anacortes	51,500	3,000	0	0	0	29,500	0	24,000
US Oil & Refining Co								
Tacoma	0	0	0	0	0	0	6,800	0
West Virginia	0	0	0	0	0	4,700	0	0
Ergon West Virginia Inc								
Newell	0	0	0	0	0	4,700	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Texas	1,487,779	1,095,420	685,473	1,492,220	0	75,000	985,185	294,100
Premcor Refining Group Inc								
Port Arthur	58,000	90,000	33,000	104,600	0	0	60,000	0
Targa Downstream LLC								
Mont Belvieu	0	0	0	0	0	0	0	45,000
Texas International Terminals								
Galveston	0	0	0	0	0	0	0	0
The San Antonio Refinery LLC								
San Antonio	7,000	0	0	8,000	0	0	0	0
TotalEnergies Petrochem & Refg USA								
Port Arthur	57,500	51,600	31,000	80,000	0	0	54,400	0
Trecora Hydrocarbons LLC								
Silsbee	11,000	0	0	0	0	0	0	4,000
Valero Refining Co Texas LP								
Corpus Christi	57,000	54,500	10,000	72,000	0	75,000	25,000	0
Houston	9,000	38,240	18,000	0	0	0	0	0
Texas City	25,000	61,500	28,000	55,000	0	0	110,000	6,500
Western Refining Company LP								
El Paso	34,000	38,500	9,500	49,000	0	0	0	0
WRB Refining LP								
Borger	67,789	0	15,173	28,646	0	0	78,334	0
Utah	46,400	13,000	2,900	51,800	31,500	0	0	7,200
Big West Oil Co								
North Salt Lake	11,800	0	0	13,000	0	0	0	0
Chevron USA Inc								
Salt Lake City	9,100	0	0	13,300	20,700	0	0	7,200
HF Sinclair Woods Cross Refining LLC								
Woods Cross	12,500	0	2,900	0	10,800	0	0	0
Silver Eagle Refining								
Woods Cross	1,000	0	0	3,000	0	0	0	0
Tesoro Refining & Marketing Co								
Salt Lake City	12,000	13,000	0	22,500	0	0	0	0
Washington	205,144	108,933	45,000	176,767	0	0	0	0
BP Products North America Inc								
Ferndale	100,500	0	20,000	59,400	0	0	0	0
HF Sinclair Puget Sound Refg LLC								
Anacortes	21,700	43,900	25,000	39,900	0	0	0	0
Phillips 66 Company								
Ferndale	19,444	37,033	0	40,367	0	0	0	0
Tesoro Refining & Marketing Co								
Anacortes	52,500	28,000	0	28,500	0	0	0	0
US Oil & Refining Co								
Tacoma	11,000	0	0	8,600	0	0	0	0
West Virginia	7,700	0	0	9,500	0	0	6,900	0
Ergon West Virginia Inc								
Newell	7,700	0	0	9,500	0	0	6,900	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Wisconsin	45,932	0	50,000	0	29,100	0	0	0	0
Superior Refining Company LLC Superior	45,932	0	50,000	0	29,100	0	0	0	0
Wyoming	127,000	0	147,600	0	51,000	20,000	0	0	0
HF Sinclair Casper Refining Company Evansville	31,000	0	32,200	0	0	0	0	0	0
HF Sinclair Wyoming Refining Co Sinclair	75,000	0	92,000	0	51,000	20,000	0	0	0
Silver Eagle Refining Evanston	3,000	0	3,400	0	0	0	0	0	0
Wyoming Refining Co Newcastle	18,000	0	20,000	0	0	0	0	0	0
U.S. Total	18,331,493	92,000	19,398,042	96,000	8,537,389	2,779,215	158,500	16,000	19,373

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Wisconsin	11,323	0	0	0	0	9,300	0	0
Superior Refining Company LLC								
Superior	11,323	0	0	0	0	9,300	0	0
Wyoming	40,000	500	16,000	0	0	5,000	20,400	0
HF Sinclair Casper Refining Company								
Evansville	10,500	500	0	0	0	5,000	0	0
HF Sinclair Wyoming Refining Co								
Sinclair	22,000	0	16,000	0	0	0	13,000	0
Silver Eagle Refining								
Evanston	0	0	0	0	0	0	2,900	0
Wyoming Refining Co								
Newcastle	7,500	0	0	0	0	0	4,500	0
U.S. Total	5,491,059	47,900	750,000	1,529,370	84,500	2,625,847	951,719	374,500

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2025
(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Wisconsin	12,500	12,500	8,000	7,500	0	0	0	0
Superior Refining Company LLC								
Superior	12,500	12,500	8,000	7,500	0	0	0	0
Wyoming	38,100	6,500	14,000	35,800	0	0	20,000	0
HF Sinclair Casper Refining Company								
Evansville	8,200	6,500	0	11,200	0	0	0	0
HF Sinclair Wyoming Refining Co								
Sinclair	21,500	0	14,000	18,500	0	0	20,000	0
Silver Eagle Refining								
Evanston	3,900	0	0	0	0	0	0	0
Wyoming Refining Co								
Newcastle	4,500	0	0	6,100	0	0	0	0
U.S. Total	4,600,580	2,982,192	1,671,278	4,454,089	242,561	75,000	2,833,200	581,734

Note: Refer to Table 5 for corporate ownership information. Some names of previously independent companies have been preserved by acquiring companies.

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

Directory of Operable Petroleum Refineries on Tables 3 and 4

Refiner	State(s)	Refiner	State(s)
Alon Refining Krotz Springs Inc.....	LA	Lazarus Energy LLC.....	TX
Alon USA Energy Inc.....	TX	Lima Refining Company.....	OH
American Refining Group Inc.....	PA	Lion Oil Co.....	AR
Big West Oil Co.....	UT	Magellan Processing LP.....	TX
BP Products North America Inc.....	IN, WA	Lunday Thagard Co.....	CA
Buckeye Texas Processing LLC.....	TX	Marathon Petroleum Co LP.....	IL, KY, LA, MI, OH, TX
Calcasieu Refining Co.....	LA	PDV Midwest Refining LLC.....	IL
Calumet Cotton Valley Refining LLC.....	LA	Par Hawaii Refining LLC.....	HI
Calumet Montana Refining LLC.....	MT	Par Montana LLC.....	MT
Calumet Princeton Refining LLC.....	LA	Pasadena Performance Products LLC.....	TX
Calumet Shreveport Refining LLC.....	LA	Pasadena Refining Systems Inc.....	TX
Cenex Harvest States Coop.....	MT	Paulsboro Refining Co LLC.....	NJ
Chalmette Refining LLC.....	LA	Petro Star Inc.....	AK
Chevron USA Inc.....	CA, MS, UT	Petromax Refining Co LLC.....	TX
CHS McPherson Refinery Inc.....	KS	Martinez Refining Co LLC.....	CA
Citgo Petroleum Corp.....	LA	Phillips 66 Company.....	CA, LA, MT, NJ, OK, TX, WA
Citgo Refining & Chemical Inc.....	TX	Placid Refining Co.....	LA
ConocoPhillips Alaska Inc.....	AK	Premcor Refining Group Inc.....	TX
Countrymark Refining & Logistics LLC.....	IN	San Joaquin Refining Co Inc.....	CA
CPI Operations LLC.....	NJ	Monroe Energy LLC.....	PA
Cross Oil Refining & Marketing Inc.....	AR	Shell Oil Products US.....	LA
CVR Refining CVL LLC.....	KS	Motiva Enterprises LLC.....	TX
CVR Refining WYN LLC.....	OK	Ohio Refining Company LLC.....	OH
Deer Park Refining LP.....	TX	Silver Eagle Refining.....	UT, WY
Delaware City Refining Co LLC.....	DE	St Paul Park Refining Co LLC.....	MN
Delek Refining LTD.....	TX	Suncor Energy (USA) Inc.....	CO
Diamond Shamrock Refining Co LP.....	TX	Superior Refining Company LLC.....	WI
Enterprise Prod Texas Operating LLC.....	TX	Talley Asphalt Products Inc.....	CA
Equistar Chemicals LP.....	TX	Targa Downstream LLC.....	TX
Ergon Refining Inc.....	MS	Tesoro Alaska Company LLC.....	AK
Ergon West Virginia Inc.....	WV	Tesoro Refining & Marketing Co.....	CA, ND, UT, WA
Excel Paralubes.....	LA	Texas International Terminals.....	TX
ExxonMobil Refining & Supply Co.....	IL, LA, TX	The San Antonio Refinery LLC.....	TX
Flint Hills Resources LP.....	MN, TX	Toledo Refining Co LLC.....	OH
Foreland Refining Corp.....	NV	Torrance Refining Co LLC.....	CA
Goodway Refining LLC.....	AL	TotalEnergies Petrochem & Refg USA.....	TX
Hartree Refining LLC.....	TX	Valero Refining Co Oklahoma.....	OK
HF Sinclair Casper Refining Company.....	WY	Trecora Hydrocarbons LLC.....	TX
HF Sinclair El Dorado Refining LLC.....	KS	US Oil & Refining Co.....	WA
HF Sinclair Navajo Refining LLC.....	NM	Ultramar Inc.....	CA
HF Sinclair Puget Sound Refg LLC.....	WA	United Refining Co.....	PA
HF Sinclair Tulsa Refining LLC.....	OK	Valero Ref Company Tennessee LLC.....	TN
HF Sinclair Woods Cross Refining LLC.....	UT	Valero Refining - Meraux LLC.....	LA
HF Sinclair Wyoming Refining Co.....	WY	Valero Refining Co California.....	CA
Hilcorp North Slope LLC.....	AK	Valero Refining Co Texas LP.....	TX
Houston Refining LP.....	TX	Valero Refining New Orleans LLC.....	LA
Hunt Refining Co.....	AL	Vertex Refining Alabama LLC.....	AL
Hunt Southland Refining Co.....	MS	WRB Refining LP.....	IL, TX
Kern Oil & Refining Co.....	CA	Western Refining Company LP.....	TX
Kinder Morgan Crude & Condensate.....	TX	Wyoming Refining Co.....	WY

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Alabama	0	0	26,000	1,150	9,000	0	0	8,000	45	233
Hunt Refining Co										
Tuscaloosa	0	0	26,000	0	9,000	0	0	8,000	45	200
Vertex Refining Alabama LLC										
Saraland	0	0	0	1,150	0	0	0	0	0	33
Alaska	0	0	12,500	0	5,000	0	0	0	13	25
Petro Star Inc										
North Pole	0	0	3,000	0	0	0	0	0	0	0
Tesoro Alaska Company LLC										
Kenai	0	0	9,500	0	5,000	0	0	0	13	25
Arkansas	5,000	0	21,300	0	8,000	0	5,350	0	13	90
Cross Oil Refining & Marketing Inc										
Smackover	0	0	800	0	0	0	5,350	0	3	0
Lion Oil Co										
El Dorado	5,000	0	20,500	0	8,000	0	0	0	10	90
California	193,962	1,500	25,950	45,400	121,600	0	39,800	110,582	944	4,138
Chevron USA Inc										
El Segundo	33,300	0	0	10,500	22,300	0	0	30,000	74	628
Richmond	32,662	0	0	7,200	46,000	0	34,000	0	330	1,008
Kern Oil & Refining Co										
Bakersfield	0	0	0	0	0	0	0	0	0	11
Lunday Thagard Co										
South Gate	0	0	3,750	0	0	0	0	0	0	0
Martinez Refining Co LLC										
Martinez	12,800	0	0	0	15,000	0	0	9,000	179	413

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Phillips 66 Company										
Wilmington	16,600	0	0	7,000	12,800	0	0	12,962	100	340
San Joaquin Refining Co Inc										
Bakersfield	0	1,500	8,000	0	0	0	5,800	0	4	6
Talley Asphalt Products Inc										
Kern	0	0	1,700	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co										
Carson	29,500	0	0	16,500	25,500	0	0	22,640	122	749
Torrance Refining Co LLC										
Torrance	30,000	0	0	0	0	0	0	19,180	0	400
Ultramar Inc										
Wilmington	22,000	0	0	0	0	0	0	10,000	0	280
Valero Refining Co California										
Benicia	17,100	0	9,000	4,200	0	0	0	6,800	135	303
Wilmington	0	0	3,500	0	0	0	0	0	0	0
Colorado	0	0	13,200	0	0	0	0	0	22	116
Suncor Energy (USA) Inc										
Commerce City East	0	0	0	0	0	0	0	0	0	2
Commerce City West	0	0	13,200	0	0	0	0	0	22	114
Delaware	12,500	5,191	0	6,000	0	0	0	13,620	65	596
Delaware City Refining Co LLC										
Delaware City	12,500	5,191	0	6,000	0	0	0	13,620	65	596
Hawaii	0	0	0	0	0	0	0	0	18	38
Par Hawaii Refining LLC										
Kapolei	0	0	0	0	0	0	0	0	18	38
Illinois	98,570	17,100	43,100	0	16,000	0	0	73,559	183	2,187

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
ExxonMobil Refining & Supply Co										
Joliet	32,000	0	17,100	0	0	0	0	26,000	0	683
Marathon Petroleum Co LP										
Robinson	19,000	3,300	0	0	16,000	0	0	7,890	0	192
PDV Midwest Refining LLC										
Lemont	24,800	9,400	0	0	0	0	0	12,900	12	487
WRB Refining LP										
Wood River	22,770	4,400	26,000	0	0	0	0	26,769	171	825
Indiana	34,400	16,800	33,200	0	31,750	0	0	30,000	0	1,913
BP Products North America Inc										
Whiting	32,000	16,800	29,500	0	27,900	0	0	30,000	0	1,904
Countrymark Refining & Logistics LLC										
Mount Vernon	2,400	0	3,700	0	3,850	0	0	0	0	9
Kansas	33,500	0	4,000	4,000	27,000	0	0	24,190	156	795
CHS McPherson Refinery Inc										
McPherson	10,500	0	0	2,500	12,000	0	0	8,490	78	287
CVR Refining CVL LLC										
Coffeyville	9,000	0	0	0	0	0	0	8,700	22	193
HF Sinclair El Dorado Refining LLC										
El Dorado	14,000	0	4,000	1,500	15,000	0	0	7,000	56	315
Kentucky	25,000	2,500	35,400	0	20,000	0	0	0	0	438
Marathon Petroleum Co LP										
Catlettsburg	25,000	2,500	35,400	0	20,000	0	0	0	0	438
Louisiana	230,120	34,400	86,769	23,000	94,720	0	66,000	164,855	118	5,876
Alon Refining Krotz Springs Inc										
Krotz Springs	6,000	0	0	0	6,220	0	0	0	0	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025
(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Calumet Cotton Valley Refining LLC										
Cotton Valley	0	0	0	0	500	0	0	0	2	0
Calumet Princeton Refining LLC										
Princeton	0	0	2,000	0	0	0	7,000	0	4	3
Calumet Shreveport Refining LLC										
Shreveport	0	0	6,500	0	0	0	12,500	0	12	40
Chalmette Refining LLC										
Chalmette	16,800	10,500	0	0	0	0	0	13,000	0	920
Citgo Petroleum Corp										
Lake Charles	28,100	20,900	0	0	28,000	0	0	32,820	0	717
Excel Paralubes										
Westlake	0	0	0	0	0	0	30,000	0	0	185
ExxonMobil Refining & Supply Co										
Baton Rouge	43,200	0	40,000	0	0	0	16,500	31,525	0	944
Marathon Petroleum Co LP										
Garyville	52,500	0	33,000	23,000	35,000	0	0	33,275	0	1,402
Phillips 66 Company										
Westlake	9,920	0	5,269	0	25,000	0	0	22,919	0	337
Placid Refining Co										
Port Allen	7,500	0	0	0	0	0	0	0	0	55
Shell Oil Products US										
Norco	18,100	0	0	0	0	0	0	7,316	0	209
Valero Refining - Meraux LLC										
Meraux	0	0	0	0	0	0	0	0	0	224
Valero Refining New Orleans LLC										
Norco	48,000	3,000	0	0	0	0	0	24,000	100	840
Michigan	8,500	0	32,000	0	0	0	0	12,850	0	435
Marathon Petroleum Co LP										
Detroit	8,500	0	32,000	0	0	0	0	12,850	0	435

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Minnesota	21,000	0	64,500	0	33,500	0	0	28,400	209	1,339
Flint Hills Resources LP										
Saint Paul	14,000	0	45,000	0	18,000	0	0	28,400	199	1,229
St Paul Park Refining Co LLC										
Saint Paul	7,000	0	19,500	0	15,500	0	0	0	10	110
Mississippi	22,600	15,600	16,125	0	0	0	48,000	35,500	242	1,264
Chevron USA Inc										
Pascagoula	22,600	15,600	0	0	0	0	25,000	35,500	229	1,264
Ergon Refining Inc										
Vicksburg	0	0	10,000	0	0	0	23,000	0	13	0
Hunt Southland Refining Co										
Sandersville	0	0	6,125	0	0	0	0	0	0	0
Montana	16,980	0	39,000	5,250	1,500	0	0	15,274	144	538
Calumet Montana Refining LLC										
Great Falls	750	0	4,700	0	1,500	0	0	0	5	0
Cenex Harvest States Coop										
Laurel	4,000	0	19,800	1,250	0	0	0	4,800	70	243
Par Montana LLC										
Billings	5,100	0	14,500	0	0	0	0	4,000	23	0
Phillips 66 Company										
Billings	7,130	0	0	4,000	0	0	0	6,474	46	295
Nevada	0	0	1,600	0	0	0	0	0	0	0
Foreland Refining Corp										
Ely	0	0	1,600	0	0	0	0	0	0	0
New Jersey	18,961	0	21,000	4,000	0	0	12,000	0	31	320

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Paulsboro Refining Co LLC										
Paulsboro	0	0	21,000	0	0	0	12,000	0	9	320
Phillips 66 Company										
Linden	18,961	0	0	4,000	0	0	0	0	22	0
New Mexico	9,500	0	7,000	0	0	0	0	0	38	224
HF Sinclair Navajo Refining LLC										
Artesia	9,500	0	7,000	0	0	0	0	0	38	224
North Dakota	5,500	0	0	0	0	0	0	0	0	15
Tesoro Refining & Marketing Co										
Mandan	5,500	0	0	0	0	0	0	0	0	15
Ohio	29,950	20,000	26,000	4,500	18,700	0	0	16,300	0	951
Lima Refining Company										
Lima	0	9,200	0	4,500	18,700	0	0	6,300	0	269
Marathon Petroleum Co LP										
Canton	8,500	0	17,000	0	0	0	0	0	0	104
Ohio Refining Company LLC										
Toledo	11,500	0	9,000	0	0	0	0	10,000	0	462
Toledo Refining Co LLC										
Toledo	9,950	10,800	0	0	0	0	0	0	0	116
Oklahoma	34,895	21,000	21,700	900	13,000	0	9,900	9,612	62	275
CVR Refining WYN LLC										
Wynnewood	5,500	21,000	0	0	0	0	0	0	0	0
HF Sinclair Tulsa Refining LLC										
Tulsa East	5,500	0	15,200	0	13,000	0	0	0	0	75
Tulsa West	0	0	6,500	900	0	0	9,900	2,750	0	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Phillips 66 Company										
Ponca City	16,883	0	0	0	0	0	0	6,862	35	0
Valero Refining Co Oklahoma										
Ardmore	7,012	0	0	0	0	0	0	0	27	200
Pennsylvania	16,500	0	23,560	0	9,280	0	2,945	0	10	157
American Refining Group Inc										
Bradford	0	0	560	0	780	0	2,945	0	0	0
Monroe Energy LLC										
Trainer	12,000	0	0	0	0	0	0	0	0	90
United Refining Co										
Warren	4,500	0	23,000	0	8,500	0	0	0	10	67
Tennessee	17,000	29,000	0	0	0	0	0	0	30	116
Valero Ref Company Tennessee LLC										
Memphis	17,000	29,000	0	0	0	0	0	0	30	116
Texas	462,088	180,318	47,700	55,100	156,900	0	72,900	302,004	436	16,613
Alon USA Energy Inc										
Big Spring	5,000	1,000	7,600	0	0	0	0	0	0	100
Citgo Refining & Chemical Inc										
Corpus Christi	24,878	16,270	0	0	0	0	0	16,999	0	366
Deer Park Refining LP										
Deer Park	21,000	0	0	0	0	0	0	26,100	0	1,220
Delek Refining LTD										
Tyler	4,720	0	0	0	0	0	0	1,500	0	39
Diamond Shamrock Refining Co LP										
Sunray	9,800	0	5,500	3,000	0	0	0	0	30	75
Three Rivers	7,000	10,800	0	3,000	0	0	1,900	0	0	224

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Equistar Chemicals LP										
Channelview	22,370	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co										
Baytown	42,000	0	0	0	0	0	32,000	22,750	0	1,828
Beaumont	16,300	0	0	14,600	38,600	0	0	15,039	0	661
Flint Hills Resources LP										
Corpus Christi East	0	0	0	0	0	0	0	0	0	102
Corpus Christi West	15,500	0	0	0	0	0	0	0	0	160
Houston Refining LP										
Houston	11,250	0	0	0	0	0	0	30,150	0	1,123
Marathon Petroleum Co LP										
Galveston Bay	67,000	97,000	0	0	0	0	0	11,910	0	1,332
Motiva Enterprises LLC										
Port Arthur	21,800	0	0	0	58,500	0	39,000	50,975	0	3,203
Pasadena Performance Products LLC										
Pasadena	43,000	0	0	0	0	0	0	0	0	0
Phillips 66 Company										
Sweeny	27,304	21,553	0	0	10,100	0	0	22,653	140	698
Premcor Refining Group Inc										
Port Arthur	19,500	0	0	0	0	0	0	52,325	0	2,178
TotalEnergies Petrochem & Refg USA										
Port Arthur	7,500	13,600	0	0	7,800	0	0	19,200	0	806
Trecora Hydrocarbons LLC										
Silsbee	0	3,640	0	0	4,400	0	0	0	0	0
Valero Refining Co Texas LP										
Corpus Christi	24,500	16,455	30,600	16,000	0	0	0	5,919	160	1,142
Houston	28,875	0	0	0	0	0	0	0	0	336
Texas City	14,700	0	0	0	6,500	0	0	19,000	0	680
Western Refining Company LP										
El Paso	13,500	0	4,000	3,500	0	0	0	0	10	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
WRB Refining LP Borger	14,591	0	0	15,000	31,000	0	0	7,484	96	340
Utah	21,700	0	1,800	3,318	6,300	0	0	2,500	0	92
Big West Oil Co North Salt Lake	3,200	0	0	1,900	3,300	0	0	0	0	3
Chevron USA Inc Salt Lake City	5,200	0	0	1,418	0	0	0	2,500	0	63
HF Sinclair Woods Cross Refining LLC Woods Cross	5,300	0	1,800	0	3,000	0	0	0	0	10
Tesoro Refining & Marketing Co Salt Lake City	8,000	0	0	0	0	0	0	0	0	16
Washington	42,211	0	9,000	11,600	31,000	0	0	23,650	188	837
BP Products North America Inc Ferndale	0	0	0	0	26,000	0	0	15,250	188	328
HF Sinclair Puget Sound Refg LLC Anacortes	12,500	0	0	0	0	0	0	8,400	0	350
Phillips 66 Company Ferndale	12,711	0	0	2,900	0	0	0	0	0	100
Tesoro Refining & Marketing Co Anacortes	17,000	0	0	8,700	0	0	0	0	0	48
US Oil & Refining Co Tacoma	0	0	9,000	0	5,000	0	0	0	0	11
West Virginia	0	0	700	0	0	0	6,000	0	3	1
Ergon West Virginia Inc Newell	0	0	700	0	0	0	6,000	0	3	1
Wisconsin	1,700	6,100	20,000	0	0	0	0	0	0	37

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2025

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Superior Refining Company LLC										
Superior	1,700	6,100	20,000	0	0	0	0	0	0	37
Wyoming	6,300	0	8,000	0	0	0	0	5,800	52	213
HF Sinclair Casper Refining Company										
Evansville	0	0	0	0	0	0	0	0	0	10
HF Sinclair Wyoming Refining Co										
Sinclair	5,000	0	8,000	0	0	0	0	5,800	52	203
Wyoming Refining Co										
Newcastle	1,300	0	0	0	0	0	0	0	0	0
U.S. Total	1,368,437	349,509	641,104	164,218	603,250	0	262,895	876,696	3,022	39,872

^a Includes hydrogen production capacity of hydrogen plants on refinery grounds and operated by the refinery operator.

Note: Refer to Table 5 for corporate ownership information. Some names of previously independent companies have been preserved by acquiring companies.

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

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2025

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
Companies with Capacity Over 100,000 bbl/cd		Three Rivers, Texas	89,000
MARATHON PETROLEUM CORP	2,963,000	Valero Refining New Orleans LLC	
Marathon Petroleum Co LP		Norco, Louisiana	215,000
Galveston Bay, Texas	631,000	Valero Ref Company Tennessee LLC	
Garyville, Louisiana	606,000	Memphis, Tennessee	180,000
Catlettsburg, Kentucky	300,000	Valero Refining Co California	
Robinson, Illinois	253,000	Benicia, California	145,000
Detroit, Michigan	144,000	Wilmington, California	6,300
Canton, Ohio	100,000	Valero Refining - Meraux LLC	
Tesoro Refining & Marketing Co		Meraux, Louisiana	125,000
Carson, California	365,000	Valero Refining Co Oklahoma	
Anacortes, Washington	119,000	Ardmore, Oklahoma	86,000
Mandan, North Dakota	71,000	Ultramar Inc	
Salt Lake City, Utah	68,000	Wilmington, California	85,000
Western Refining Company LP		EXXONMOBIL CORP	1,962,940
El Paso, Texas	133,000	ExxonMobil Refining & Supply Co	
St Paul Park Refining Co LLC		Beaumont, Texas	612,000
Saint Paul, Minnesota	105,000	Baytown, Texas	564,440
Tesoro Alaska Company LLC		Baton Rouge, Louisiana	522,500
Kenai, Alaska	68,000	Joliet, Illinois	264,000
VALERO ENERGY CORP	2,226,300	PHILLIPS 66 COMPANY	1,313,100
Valero Refining Co Texas LP		Phillips 66 Company	
Corpus Christi, Texas	290,000	Sweeny, Texas	264,500
Texas City, Texas	225,000	Westlake, Louisiana	263,700
Houston, Texas	205,000	Linden, New Jersey	258,500
Premcor Refining Group Inc		Ponca City, Oklahoma	216,700
Port Arthur, Texas	380,000	Wilmington, California	138,700
Diamond Shamrock Refining Co LP		Ferndale, Washington	105,000
Sunray, Texas	195,000	Billings, Montana	66,000

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2025

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
CHEVRON CORP	1,060,181	HF SINCLAIR CORP	717,630
Chevron USA Inc		HF Sinclair El Dorado Refining LLC	
Pascagoula, Mississippi	356,440	El Dorado, Kansas	162,000
El Segundo, California	285,000	HF Sinclair Tulsa Refining LLC	
Richmond, California	245,271	Tulsa West, Oklahoma	85,000
Salt Lake City, Utah	54,720	Tulsa East, Oklahoma	70,300
Pasadena Refining Systems Inc		HF Sinclair Puget Sound Refg LLC	
Pasadena, Texas	118,750	Anacortes, Washington	145,000
PBF ENERGY CO LLC	1,042,200	HF Sinclair Navajo Refining LLC	
Chalmette Refining LLC		Artesia, New Mexico	110,000
Chalmette, Louisiana	190,000	HF Sinclair Wyoming Refining Co	
Toledo Refining Co LLC		Sinclair, Wyoming	75,000
Toledo, Ohio	172,800	HF Sinclair Woods Cross Refining LLC	
Delaware City Refining Co LLC		Woods Cross, Utah	39,330
Delaware City, Delaware	171,000	HF Sinclair Casper Refining Company	
Paulsboro Refining Co LLC		Evansville, Wyoming	31,000
Paulsboro, New Jersey	160,000	KOCH INDUSTRIES INC	691,000
Torrance Refining Co LLC		Flint Hills Resources LP	
Torrance, California	160,000	Saint Paul, Minnesota	335,000
Martinez Refining Co LLC		Corpus Christi West, Texas	268,500
Martinez, California	156,400	Corpus Christi East, Texas	87,500
CPI Operations LLC		BP PLC	673,500
Paulsboro, New Jersey	32,000	BP Products North America Inc	
PDV AMERICA INC	812,823	Whiting, Indiana	435,000
Citgo Petroleum Corp		Ferndale, Washington	238,500
Lake Charles, Louisiana	459,800	SAUDI ARAMCO	
PDV Midwest Refining LLC		Motiva Enterprises LLC	
Lemont, Illinois	188,023	Port Arthur, Texas	640,500
Citgo Refining & Chemical Inc			
Corpus Christi, Texas	165,000		

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2025

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
WRB REFINING LP	494,000	SHELL PLC	
WRB Refining LP		Shell Oil Products US	
Wood River, Illinois	345,000	Norco, Louisiana	231,827
(50% Phillips 66, 50% Cenovus)		PAR PACIFIC HOLDINGS	213,700
Borger, Texas	149,000	Par Hawaii Refining LLC	
(50% Phillips 66, 50% Cenovus)		Kapolei, Hawaii	93,500
CENOVUS ENERGY INC	379,732	Par Montana LLC	
Lima Refining Company		Billings, Montana	61,500
Lima, Ohio	183,000	US Oil & Refining Co	
Ohio Refining Company LLC		Tacoma, Washington	40,700
Toledo, Ohio	150,800	Wyoming Refining Co	
Superior Refining Company LLC		Newcastle, Wyoming	18,000
Superior, Wisconsin	45,932	CVR ENERGY	206,500
PEMEX		CVR Refining CVL LLC	
Deer Park Refining LP		Coffeyville, Kansas	132,000
Deer Park, Texas	312,500	CVR Refining WYN LLC	
DELEK GROUP LTD	310,000	Wynnewood, Oklahoma	74,500
Lion Oil Co		DELTA AIR LINES INC	
El Dorado, Arkansas	83,000	Monroe Energy LLC	
Alon Refining Krotz Springs Inc		Trainer, Pennsylvania	190,000
Krotz Springs, Louisiana	80,000	CHS INC	176,700
Delek Refining LTD		CHS McPherson Refinery Inc	
Tyler, Texas	74,000	McPherson, Kansas	114,200
Alon USA Energy Inc		Cenex Harvest States Coop	
Big Spring, Texas	73,000	Laurel, Montana	62,500
ACCESS INDUSTRIES		TRANSWORLD OIL USA INC	
Houston Refining LP		Calcasieu Refining Co	
Houston, Texas	263,776	Lake Charles, Louisiana	135,500
TOTALENERGIES SE			
TotalEnergies Petrochem & Refg USA			
Port Arthur, Texas	238,000		

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2025

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
KINDER MORGAN ENERGY PTNRS LP		United Refining Co	
Kinder Morgan Crude & Condensate		Warren, Pennsylvania	67,000
Galena Park, Texas	105,000	HUNT CONSLD INC	61,000
SUNCOR ENERGY INC	103,000	Hunt Refining Co	
Suncor Energy (USA) Inc		Tuscaloosa, Alabama	50,000
Commerce City West, Colorado	67,000	Hunt Southland Refining Co	
Commerce City East, Colorado	36,000	Sandersville, Mississippi	11,000
Total.....	17,463,409		
Companies with Capacity 30,001 to 100,000 bbl/cd		BUCKEYE PARTNERS LP	
CALUMET SPECIALTY PRODUCTS PARTNERS, L.P.	93,320	Buckeye Texas Processing LLC	
Calumet Shreveport Refining LLC		Corpus Christi, Texas	60,000
Shreveport, Louisiana	57,000	ONEOK INC	
Calumet Montana Refining LLC		Magellan Processing LP	
Great Falls, Montana	15,000	Corpus Christi, Texas	50,000
Calumet Cotton Valley Refining LLC		ERGON INC	48,800
Cotton Valley, Louisiana	13,020	Ergon Refining Inc	
Calumet Princeton Refining LLC		Vicksburg, Mississippi	26,500
Princeton, Louisiana	8,300	Ergon West Virginia Inc	
VERTEX ENERGY LP		Newell, West Virginia	22,300
Vertex Refining Alabama LLC		HARTREE PARTNERS LP	
Saraland, Alabama	88,000	Hartree Refining LLC	
ARCTIC SLOPE REGIONAL CORP	86,500	Channelview, Texas	45,000
Petro Star Inc		TEXAS INTL TERMINALS	
Valdez, Alaska	62,500	Texas International Terminals	
North Pole, Alaska	24,000	Galveston, Texas	45,000
PLACID OIL CO		COUNTRYMARK COOP INC	
Placid Refining Co		Countrymark Refining & Logistics LLC	
Port Allen, Louisiana	75,000	Mount Vernon, Indiana	34,500
RED APPLE GROUP INC			

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2025

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
FJ MANAGEMENT INC		Bradford, Pennsylvania	11,000
Big West Oil Co		Total.....	144,000
North Salt Lake, Utah	31,664	Companies with Capacity	
Total.....	785,784	10,000 bbl/cd or Less	
Companies with Capacity		WORLD OIL CO	
10,001 to 30,000 bbl/cd		Lunday Thagard Co	
KERN OIL & REFINING CO		South Gate, California	8,500
Kern Oil & Refining Co		MARTIN RESOURCE MGMT CORP	
Bakersfield, California	26,000	Cross Oil Refining & Marketing Inc	
PETROMAX REFINING CO LLC		Smackover, Arkansas	7,500
Petromax Refining Co LLC		HILCORP ENERGY CO	
Houston, Texas	25,000	Hilcorp North Slope LLC	
STARLIGHT RELATIVITY ACQUISITION CO		Prudhoe Bay, Alaska	6,500
The San Antonio Refinery LLC		GOODWAY REFINING LLC	
San Antonio, Texas	20,000	Goodway Refining LLC	
SILVER EAGLE REFINING INC	18,000	Atmore, Alabama	4,100
Silver Eagle Refining		FORELAND REFINING CORP	
Woods Cross, Utah	15,000	Foreland Refining Corp	
Evanston, Wyoming	3,000	Ely, Nevada	2,000
CONOCOPHILLIPS CO		TALLEY ASPHALT PRODUCTS INC	
ConocoPhillips Alaska Inc		Talley Asphalt Products Inc	
Prudhoe Bay, Alaska	15,000	Kern, California	1,700
SAN JOAQUIN REFINING CO INC		Total.....	30,300
San Joaquin Refining Co Inc		U.S. Total.....	18,423,493
Bakersfield, California	15,000		
BLUE DOLPHIN ENERGY CO			
Lazarus Energy LLC			
Nixon, Texas	14,000		
AMERICAN REFINING GROUP INC			
American Refining Group Inc			

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

Table 6. Operable Crude Oil and Downstream Charge Capacity of Petroleum Refineries

(Thousand Barrels per Stream Day)

Year/PAD District	Atmospheric Crude Oil Distillation	Downstream Charge Capacity							
		Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Hydro- Cracking	Catalytic Reforming	Hydrotreating/ Desulfurization	Fuels Solvent Deasphalting
				Fresh	Recycled				
JAN 1, 1997	16,287	7,349	2,050	5,595	155	1,388	3,727	11,041	275
JAN 1, 1999	17,155	7,538	2,046	5,920	153	1,552	3,779	11,461	319
JAN 1, 2000	17,393	7,617	2,163	5,949	99	1,576	3,770	11,440	351
JAN 1, 2001	17,511	7,798	2,277	5,983	86	1,615	3,797	11,673	350
JAN 1, 2002	17,676	7,779	2,329	5,989	80	1,633	3,753	11,845	362
JAN 1, 2003	17,675	7,788	2,377	6,052	79	1,644	3,777	11,987	350
JAN 1, 2004	17,815	7,964	2,435	6,098	87	1,602	3,812	13,501	366
JAN 1, 2005	18,031	8,120	2,491	6,151	87	1,624	3,836	14,087	384
JAN 1, 2006	18,308	8,398	2,540	6,188	87	1,637	3,859	14,808	386
JAN 1, 2007	18,425	8,251	2,564	6,219	82	1,791	3,908	15,447	379
JAN 1, 2008	18,558	8,421	2,606	6,266	79	1,770	3,892	15,807	378
JAN 1, 2009	18,681	8,542	2,639	6,292	79	1,743	3,829	16,131	381
JAN 1, 2010	18,581	8,543	2,632	6,140	92	1,820	3,700	16,023	383
JAN 1, 2011	18,953	8,650	2,672	6,220	96	1,856	3,721	16,683	383
JAN 1, 2012	18,560	8,680	2,763	6,033	85	1,880	3,642	16,565	375
JAN 1, 2013	18,972	8,938	2,877	6,089	84	2,081	3,758	16,860	368
JAN 1, 2014	19,064	8,987	2,959	6,032	76	2,208	3,759	17,095	370
JAN 1, 2015	19,134	8,979	2,975	6,012	76	2,305	3,741	17,324	370
JAN 1, 2016	19,508	9,073	2,983	6,052	76	2,318	3,743	17,483	371
JAN 1, 2017	19,800	9,126	2,994	6,007	76	2,421	3,750	17,621	393
JAN 1, 2018	19,794	9,076	3,023	6,031	77	2,462	3,801	17,697	393
JAN 1, 2019	19,961	9,121	3,046	5,986	62	2,490	3,810	17,795	395
JAN 1, 2020	20,092	9,171	3,069	5,988	62	2,505	3,809	17,926	396
JAN 1, 2021	19,160	8,710	2,994	5,600	58	2,417	3,606	17,191	396
JAN 1, 2022	18,949	8,583	2,960	5,502	49	2,427	3,571	16,996	397
JAN 1, 2023	19,157	8,604	2,962	5,466	49	2,392	3,606	17,099	385
JAN 1, 2024	19,453	8,617	3,020	5,487	49	2,400	3,602	17,303	385
JAN 1, 2025	19,494	8,537	2,973	5,491	48	2,364	3,578	17,441	375
PADD I	966	391	55	305	5	47	183	778	22
PADD II	4,503	1,871	603	1,364	9	369	909	4,215	19
PADD III	10,649	4,704	1,729	2,842	17	1,421	1,861	9,467	248
PADD IV	699	244	76	213	1	37	121	570	6
PADD V	2,677	1,328	510	768	17	490	504	2,411	80
JAN 1, 2026^a	19,065	8,281	2,824	5,329	48	2,336	3,540	16,889	375
PADD I	966	391	55	305	5	47	183	778	22
PADD II	4,504	1,871	603	1,364	9	369	909	4,217	19
PADD III	10,375	4,532	1,632	2,732	17	1,421	1,863	9,072	248
PADD IV	699	244	76	213	1	37	121	570	7
PADD V	2,521	1,244	458	716	17	462	464	2,253	80
2025-2026^a	-429	-256	-149	-162	0	-28	-38	-552	0
PADD I	0	0	0	0	0	0	0	0	0
PADD II	1	0	0	0	0	0	0	2	0
PADD III	-274	-172	-97	-110	0	0	2	-395	0
PADD IV	0	0	0	0	0	0	0	0	1
PADD V	-156	-84	-52	-52	0	-28	-40	-158	0

^a Projected data from refiners.

Notes:

NA = Not available.

Totals may not equal sum of components due to independent rounding.

The EIA-820 refinery capacity survey was not conducted for January 1, 1996 or January 1, 1998.

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

Table 7. Operable Production Capacity of Petroleum Refineries

(Thousand Barrels per Stream Day, Except Where Noted)

Year/PAD District	Production Capacity							
	Alkylates	Aromatics	Asphalt and Road Oil	Isomers	Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons/day)
JAN 1, 1997	1,120	288	872	577	244	458	3,052	26,466
JAN 1, 1999	1,172	302	846	667	233	441	3,104	26,423
JAN 1, 2000	1,185	315	886	643	218	464	3,143	26,645
JAN 1, 2001	1,191	318	900	654	214	538	3,230	27,446
JAN 1, 2002	1,181	313	917	658	218	548	3,244	29,107
JAN 1, 2003	1,191	316	873	679	216	646	3,265	29,766
JAN 1, 2004	1,205	322	887	688	210	672	3,258	30,606
JAN 1, 2005	1,229	318	881	703	217	696	2,965	31,004
JAN 1, 2006	1,238	319	893	708	220	709	2,823	32,421
JAN 1, 2007	1,227	306	877	739	234	722	3,100	33,021
JAN 1, 2008	1,261	285	858	727	249	735	3,109	33,487
JAN 1, 2009	1,261	299	847	736	230	762	2,914	33,500
JAN 1, 2010	1,249	271	844	715	240	760	2,985	34,058
JAN 1, 2011	1,262	297	828	703	243	778	3,082	35,483
JAN 1, 2012	1,247	297	796	688	242	823	3,215	36,663
JAN 1, 2013	1,269	318	741	737	241	867	3,047	39,478
JAN 1, 2014	1,266	297	744	739	240	883	3,094	41,375
JAN 1, 2015	1,267	316	710	757	265	887	3,102	41,266
JAN 1, 2016	1,286	323	733	755	273	889	2,997	41,343
JAN 1, 2017	1,300	324	726	749	261	898	3,009	41,766
JAN 1, 2018	1,316	324	659	743	262	896	3,037	41,419
JAN 1, 2019	1,337	332	645	740	263	903	3,073	41,639
JAN 1, 2020	1,349	332	651	772	261	909	3,126	41,917
JAN 1, 2021	1,314	327	642	744	264	894	2,893	40,578
JAN 1, 2022	1,294	312	690	758	264	883	2,893	40,453
JAN 1, 2023	1,302	291	659	768	264	883	2,875	40,437
JAN 1, 2024	1,317	349	644	779	264	890	2,913	40,376
JAN 1, 2025	1,368	350	641	767	263	877	3,022	39,872
PADD I	48	5	45	19	21	14	109	1,074
PADD II	310	113	280	169	10	195	640	8,501
PADD III	729	230	205	348	192	510	892	24,300
PADD IV	45	0	62	16	0	24	218	959
PADD V	236	2	49	215	40	134	1,163	5,038
JAN 1, 2026^b	1,341	350	641	748	263	834	2,934	38,480
PADD I	48	5	45	19	21	14	109	1,074
PADD II	310	113	280	169	10	195	647	8,572
PADD III	718	230	205	348	192	481	897	23,177
PADD IV	45	0	62	16	0	24	218	959
PADD V	220	2	49	195	40	121	1,063	4,698
2025-2026^b	-27	0	0	-19	0	-43	-88	-1,392
PADD I	0	0	0	0	0	0	0	0
PADD II	0	0	0	0	0	0	7	71
PADD III	-11	0	0	0	0	-29	5	-1,123
PADD IV	0	0	0	0	0	0	0	0
PADD V	-16	0	0	-20	0	-13	-100	-340

^a Includes hydrogen production capacity of hydrogen plants on refinery grounds and operated by the refinery operator.^b Projected data from refiners.

Notes:

NA = Not available. MMcfd = Million cubic feet per day.

Totals may not equal sum of components due to independent rounding.

The EIA-820 refinery capacity survey was not conducted for January 1, 1996 or January 1, 1998.

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

Table 8. Capacity and Fresh Feed Input to Selected Downstream Units at U.S. Refineries, 2023 - 2025
(Barrels per Calendar Day)

Year/PAD District	Cokers		Catalytic Crackers		Hydrocrackers		Reformers	
	Capacity	Inputs	Capacity	Inputs	Capacity	Inputs	Capacity	Inputs
2023	2,675,408	2,247,271	5,063,828	4,372,230	2,211,475	1,803,679	3,323,502	2,772,236
PADD I	49,100	30,405	277,300	218,751	44,100	35,956	164,050	136,121
PADD II	552,714	471,625	1,257,319	1,068,436	332,195	282,170	833,344	691,658
PADD III	1,503,074	1,323,742	2,623,764	2,329,016	1,295,488	1,055,855	1,706,300	1,485,923
PADD IV	70,270	57,707	197,445	156,438	35,092	15,227	111,700	87,090
PADD V	500,250	363,792	708,000	599,589	504,600	414,471	508,108	371,444
2024	2,731,238	2,212,044	5,078,119	4,385,682	2,226,438	1,753,915	3,308,735	2,714,951
PADD I	49,100	37,792	277,300	236,756	43,100	39,219	164,050	132,619
PADD II	553,937	444,063	1,261,677	1,060,630	339,881	301,611	836,487	684,647
PADD III	1,557,581	1,323,288	2,628,997	2,317,589	1,302,265	1,020,014	1,704,698	1,458,732
PADD IV	70,270	55,263	199,145	167,052	35,092	15,466	111,300	96,378
PADD V	500,350	351,638	711,000	603,655	506,100	377,605	492,200	342,575
2025	2,694,542	NA	5,099,771	NA	2,201,801	NA	3,290,897	NA
PADD I	49,100	NA	279,800	NA	43,100	NA	164,050	NA
PADD II	555,341	NA	1,272,097	NA	343,141	NA	840,394	NA
PADD III	1,566,101	NA	2,636,629	NA	1,336,958	NA	1,712,376	NA
PADD IV	68,400	NA	198,345	NA	35,092	NA	111,300	NA
PADD V	455,600	NA	712,900	NA	443,510	NA	462,777	NA

NA = Not Available.

Note: Capacities are as of January 1 of the indicated year.

Sources: Capacities are from the Energy Information Administration (EIA) Form EIA-820, "Annual Refinery Report."

Inputs are from the form EIA-810, "Monthly Refinery Report." Year 2023 data are final, 2024 data are preliminary.

Table 9. Refinery Receipts of Crude Oil by Method of Transportation by PAD District, 2024

a

(Thousand Barrels)

Method	PAD Districts					United States
	I	II	III	IV	V	
Pipeline	24,798	1,390,975	2,805,544	184,609	245,358	4,651,284
Domestic	2,769	747,257	2,316,309	90,008	120,901	3,277,244
Foreign	22,029	643,718	489,235	94,601	124,457	1,374,040
Tanker	241,136	0	414,809	0	467,198	1,123,143
Domestic	33,026	0	22,664	0	158,717	214,407
Foreign	208,110	0	392,145	0	308,481	908,736
Barge	3,546	16,316	93,123	0	29,615	142,600
Domestic	3,440	16,316	74,008	0	3,919	97,683
Foreign	106	0	19,115	0	25,696	44,917
Tank Cars (Rail)	9,034	0	9,017	0	42,784	60,835
Domestic	3,056	0	2,891	0	37,382	43,329
Foreign	5,978	0	6,126	0	5,402	17,506
Trucks	1,991	2,161	39,867	32,756	7,242	84,017
Domestic	1,877	2,161	39,867	32,756	6,892	83,553
Foreign	114	0	0	0	350	464
Total	280,505	1,409,452	3,362,360	217,365	792,197	6,061,879
Domestic	44,168	765,734	2,455,739	122,764	327,811	3,716,216
Foreign	236,337	643,718	906,621	94,601	464,386	2,345,663

a

Receipts are reported by the last method of transportation used if the distance traveled is greater than 100 miles. If several methods are used and none are greater than 100 miles, the method which represents the greatest distance traveled is reported. For example, if crude oil traveled by rail for 1,500 miles and then by barge for 120 miles, then the reported mode of transportation would be barge rather than rail.

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

Table 10a. Fuel Consumed at Refineries by PAD District, 2024
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					United States
	I	II	III	IV	V	
Crude Oil	0	0	0	0	0	0
Hydrocarbon Gas Liquids	0	954	302	0	1,167	2,423
Distillate Fuel Oil	0	17	164	0	54	235
Residual Fuel Oil	3	23	96	0	0	122
Still Gas	7,694	54,541	103,757	8,624	38,960	213,576
Marketable Petroleum Coke	0	0	0	0	0	0
Catalyst Petroleum Coke	5,057	16,637	36,352	2,399	10,392	70,837
Natural Gas (million cubic feet)	51,803	184,753	595,535	30,535	168,521	1,031,147
Coal (thousand short tons)	0	0	0	0	0	0
Purchased Electricity (million kWh)	1,723	13,083	22,502	2,478	3,854	43,640
Purchased Steam (million pounds)	7,009	15,478	76,733	1,103	3,793	104,116
Other Products ^a	0	0	444	22	318	784

Note: Includes volumes used as fuel at refineries and all nonprocessing losses of crude oil and petroleum products (e.g., spills, fire losses, contamination, etc.)

^a Includes other hydrocarbons, hydrogen, unfinished oils, gasoline, special naphthas, jet fuel, lubricants, asphalt and road oil, and miscellaneous products.

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report," and Form EIA-810, "Monthly Refinery Report."

Table 10b. Natural Gas Used as Feedstock for Hydrogen Production at Refineries by PAD District, 2024
(Million Cubic Feet)

Commodity	PAD Districts					United States
	I	II	III	IV	V	
Natural Gas Used As Feedstock For Hydrogen Production	5,715	54,065	62,261	16,539	31,426	170,006

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

Table 11. New, Shutdown and Reactivated Refineries During 2024

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd) ^a	Total Downstream Charge Capacity (bbl/sd) ^b	Date Operable	Date of Last Operation	Date Shutdown
^c NEW						
PAD District III			43,000			
Pasadena Performance Products LLC	Pasadena, TX		43,000	02/24		
^d SHUTDOWN						
PAD District V		58,200	274,700			
Phillips 66 Company	Rodeo, CA	58,200	274,700		03/24	03/24

^a bbl/cd=Barrels per calendar day.
^b bbl/sd=Barrels per stream day.
^c Non-refinery with alkylation capacity added to the Annual Refinery Report as of January 1, 2025.
^d Converted to a renewable diesel plant

Table 12. Refinery Sales from January 2, 2024 to January 1, 2025

Former Corporation/Refiner	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	New Corporation/Refiner	Date of Sale
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There were no refinery sales in 2024.

Table 13. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2025

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District I		979,450	1,662,600		
GNC Energy Corp	Greensboro, NC	3,000	0		a
Primary Energy Corp	Richmond, VA	6,100	0		a
Saint Mary's Refining Co	Saint Mary's, WV	4,000	4,480	02/93	03/93
Cibro Refining	Albany, NY	41,850	27,000	07/93	09/93
Calumet Lubricants Co LP	Rouseville, PA	12,800	26,820	03/00	06/00
Young Refining Corp.	Douglasville, GA	5,400	0	07/04	07/04
Sunoco Inc	Westville, NJ	145,000	263,000	11/09	02/10
Western Refining Yorktown Inc	Yorktown, VA	66,300	182,600	09/11	12/11
Sunoco Inc	Marcus Hook, PA	178,000	278,000	12/11	12/11
Chevron USA Inc	Perth Amboy, NJ	80,000	47,000	03/08	07/12
Hess Corporation	Port Reading, NJ	0	115,000	02/13	03/13
Axeon Specialty Products LLC	Savannah, GA	28,000	0	09/12	11/14
Axeon Specialty Products LLC	Paulsboro, NJ	74,000	32,000	04/17	09/17
Philadelphia Energy Solutions	Philadelphia, PA	335,000	686,700	08/19	05/20
PAD District II		496,815	670,790		
Coastal Refining & Mktg	El Dorado, KS	0	20,000		b
Intercoastal Energy Svcs Corp	Troy, IN	1,250	2,250	11/90	03/91
Farmland Industries	Philipsburg, KS	26,400	22,800	12/91	07/92
Coastal Refining & Mktg	Wichita, KS	28,800	41,300	05/93	06/93
Coastal Refining & Mktg	Augusta, KS	0	21,000	06/93	06/93
Crystal Refining	Carson City, MI	3,000	0	10/92	09/93
Marathon	Indianapolis, IN	50,000	68,000	09/93	10/93
Indian Refining	Lawrenceville, IL	80,750	103,000	09/95	10/95
Cyril Petrochemical Corp	Cyril, OK	7,500	0	09/95	12/95
Laketon Refining	Laketon, IN	11,100	0	06/95	01/96
Total Petroleum, Inc.	Arkansas City, KS	56,000	74,840	08/96	09/96
TPI Petro Inc.	Alma, MI	51,000	63,300	11/99	12/99
Premcor Refining Group	Blue Island, IL	80,515	124,500	01/01	04/01
Premcor Refining Group	Hartford, IL	64,000	116,700	09/02	10/02
Ventura Refining & Transmission LLC	Thomas, OK	12,000	0	10/10	11/14
Continental Refining Company LLC	Somerset, KY	5,500	3,600	02/18	12/19
Dakota Prairie Refining LLC	Dickinson, ND	19,000	9,500	05/20	d

Table 13. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2025

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District III		832,426	1,447,640		
Imron Refining, Inc.	San Leon, TX	7,000	0		c
Eagle Refining	Jackson, TX	1,800	1,800	01/90	10/90
Vulcan Refining	Cordova, AL	9,500	5,000	09/90	12/90
Sabine Resources	Stonewall, LA	12,000	0		c
Rattlesnake Refining	Wickett, TX	8,000	10,400	02/92	03/92
Longview Refining Assoc	Longview, TX	13,300	13,800	08/92	09/92
Thriftway Co	Bloomfield, NM	4,000	3,250	01/92	10/92
El Paso Refining	El Paso, TX	50,000	76,000	10/92	12/92
Dubach Gas	Dubach, LA	8,500	3,000	12/93	12/93
Amerada Hess	Purvis, MS	30,000	50,500	01/94	02/94
Barrett Refg Corp	Vicksburg, MS	8,000	0	06/95	01/96
Arcadia Refining & Mktg	Lisbon, LA	7,350	6,700	01/96	02/96
Canal Refg Co.	Chuch Point, LA	9,500	2,100	07/95	09/97
Gold Line Refining LTD	Jennings, LA	12,000	0	07/97	01/98
Petrolite Corp	Kilgore, TX	600	750	12/97	02/98
Pride Refining Inc.	Abilene, TX	42,750	40,500	05/98	04/98
Shell Oil Co	Odessa, TX	28,300	33,500	10/98	11/98
Berry Petroleum Co.	Stephens, AR	6,700	3,700	07/99	02/00
Dow Haltermann Products	Channelview, TX	880	0	09/04	12/05
Gulf Atlantic Operations LLC	Mobile, AL	16,700	15,400	03/06	09/07
Western Refining Southwest Inc	Bloomfield, NM	16,800	19,500	12/09	11/12
Trigeant LTD	Corpus Christi, TX	0	29,000	12/13	12/14
Pelican Refining Company LLC	Lake Charles, LA	0	12,000	12/14	01/15
Shell Oil Products US	Saint Rose, LA	45,000	25,000	01/18	01/18
Western Refining Southwest Inc	Gallup, NM	27,000	37,500	04/20	09/20
Shell Oil Products US	Convent, LA	211,146	574,900	12/20	01/21
Phillips 66 Company	Belle Chasse, LA	255,600	483,340	08/21	a
PAD District IV		109,800	188,100		
Amoco Oil Co.	Casper, WY	40,000	44,900	12/91	12/91
Landmark Refining	Fruita, CO	10,000	25,900	01/92	11/93
Pennzoil Producing Co.	Roosevelt, UT	8,000	12,900	09/94	10/94
Antelope Refining LLC	Douglas, WY	3,800	0	02/15	12/16
HollyFrontier Cheyenne Refining LLC	Cheyenne, WY	48,000	104,400	08/20	d

Table 13. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2025

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District V		723,560	1,312,450		
Gibson Oil & Refining	Bakersfield, CA	9,600	0	07/87	12/90
Chevron USA Inc	Kenai, AK	22,000	0	06/91	07/91
Anchor Refining Co.	McKittrick, CA	10,000	6,000	06/91	08/91
Golden West	Santa Fe Springs, CA	47,000	94,300	02/92	03/92
Eco Asphalt Inc.	Long Beach, CA	10,550	7,000		c
Fletcher Oil & Refining	Carson, CA	29,675	48,100	09/92	10/92
Sunbelt Refining	Coolidge, AZ	10,000	7,000	08/93	09/93
Chemoil Refining Corp	Long Beach, CA	18,000	0	02/94	04/94
Powerine Oil Co.	Santa Fe Springs, CA	46,500	100,300	06/95	09/95
Sunland Refining Corp.	Bakersfield, CA	12,000	2,650	03/95	12/95
Intermountain Refining Co.	Fredonia, AZ	3,800	2,000	01/94	05/96
Pacific Refining Co.	Hercules, CA	50,000	62,400	07/95	09/97
Sound Refining Inc	Tacoma, WA	11,900	6,000	10/98	12/98
Chevron USA Inc.	Richmond Beach, WA	0	6,200	05/00	06/00
Foreland Refining Corp.	Tonopah, NV	0	3,000	02/01	01/02
Tricor Refining LLC	Bakersfield, CA	0	14,400	07/01	01/02
Paramount Petroleum Corporation	Portland, OR	0	10,000	11/06	12/08
Tenby Inc	Oxnard, CA	2,800	0	12/11	12/11
Flint Hills Resources LP	North Pole, AK	126,535	5,500	05/14	a
Alon Bakersfield Operating Inc	Bakersfield, CA	0	52,000	12/08	09/17
Paramount Petroleum Corporation	Paramount, CA	84,500	78,500	10/12	d
Tesoro Refining & Marketing Co	Martinez, CA	161,000	532,400	04/20	d
California Asphalt Production Inc	Santa Maria, CA	9,500		04/21	01/22
Phillips 66 Company	Rodeo, CA	58,200	274,700	03/24	d
U.S. Total		3,142,051	5,281,580		

Table 13. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2025

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District VI		380,700	807,200		
Arochem International	Ponce, PR	75,600	37,000	12/91	12/92
Peerless Oil & Chemical	Ponce, PR	8,800	45,200	09/94	12/94
Chevron Phillips Chem	Guayama, PR	0	93,200	03/01	01/02
Caribbean Petroleum Corp	San Juan, PR	42,000	60,500	12/00	01/05
Shell Chem Yabucoa Inc	Yabucoa, PR	77,900	91,300	10/08	12/09
Port Hamilton Refg & Transp Lllp	Kingshill, VI	176,400	480,000	05/21	08/22

a. Facility in operation as other than a refinery since it no longer processes crude oil or unfinished oils.
b. Facility maintained asphalt production capacity until September, 2004.
c. Never Operated
d. Converted to a renewable diesel plant

bbl/cd=Barrels per calendar day
bbl/sd=Barrels per stream day.

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and Form EIA-820, "Annual Refinery Report."

Explanatory Notes

Survey Methodology

Description of Survey Form

The Form EIA-820, “Annual Refinery Report,” is the primary source of data in the “Refinery Capacity Report” tables. The form collects data on the consumption of purchased steam, electricity, coal, and natural gas; refinery receipts of crude oil by method of transportation; operable capacity for atmospheric crude oil distillation units and downstream units; and production capacity for selected petroleum products.

Frame

The respondent frame consists of all operating and idle petroleum refineries, and beginning in 2024, all non-refinery operators of distillation, reforming, cracking, coking, hydrotreating and similar processes located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions. As of January 1, 2025, there were 132 respondents in the frame.

The respondent frame is maintained by monitoring the monthly Form EIA-810, “Monthly Refinery Report,” and industry publications for changes and developments in the petroleum industry such as refinery sales, mergers and new operations.

Collection

The Form EIA-820 is sent to respondents in January. Survey forms can be submitted by secure file transfer. Completed forms are required to be submitted by the 15th day of February of the current report year. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to secure responses from those companies failing to report by February 15th.

Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts).

After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

Imputation and Estimation

Imputation is performed for companies that fail to file prior to the publication deadline. When nonresponse occurs, values for these companies are imputed from data reported on the most recent year’s Form EIA-820 and/or from data reported on Form EIA-810, “Monthly Refinery Report,” for that company. For most surveyed items, the value imputed for nonrespondents is the value that the company reported on the Form EIA-820 for the most recent year. For two categories of information however, the imputed value is also based on their data from the Form EIA-810 as follows:

Part 4: Refinery Receipts of Crude Oil by Method of Transportation

The imputation methodology for this section is based on data reported on both the monthly Form EIA-810 and the annual Form EIA-820. Annual refinery receipts of domestic and foreign crude oil for a nonrespondent are imputed by

aggregating the values for the refinery on the monthly survey. These values are allocated to the method of transportation by using the percentages reported for the refinery in the previous year.

Part 5: Atmospheric Crude Oil Distillation Capacity

Operable atmospheric crude oil distillation capacity in barrels per calendar day is collected on the monthly Form EIA-810 as of the first day of each month and on the annual Form EIA-820 as of January 1. As part of the editing process for the Form EIA-820, these two values are compared. Companies are contacted and any discrepancies are resolved by the time of publication. Imputed values for operable atmospheric crude oil distillation capacity in barrels per calendar day are taken directly from the January Form EIA-810. A barrel per stream day capacity is then derived by dividing the reported barrels per calendar day capacity by .95.

Parts 6 and 7: Downstream Charge Capacity and Production Capacity

Current year and projected year data for downstream charge capacity and production capacity are taken directly from the previous year's annual report.

Macro Editing

A comparison of the data collected on the EIA-820 with other similar data series and industry trade journals is performed each year.

Dissemination

Prior to 2006, the data collected on Form EIA-820, "Annual Refinery Report," was published in the *Petroleum Supply Annual, Volume 1*. Beginning with data for 2006, the Form EIA-820 data are published as a standalone product in the EIA publication "Refinery Capacity Report." This report contains statistics on consumption of purchased steam, electricity, coal, and natural gas; refinery receipts of crude oil by method of transportation; current and projected capacities for atmospheric crude oil distillation, downstream charge and production capacities. The "Refinery Capacity Report" can be found at:

<https://www.eia.gov/petroleum/refinerycapacity/>

Additional Sources of Data

The Form EIA-820, "Annual Refinery Report," is the primary source of data in the "Refinery Capacity Report" tables. In addition, some data collected on the Form EIA-810, "Monthly Refinery Report," are included.

Quality

Response Rates

The response rate for the Form EIA-820 is normally 100 percent.

Non-sampling Errors

There are two types of errors usually associated with data produced from a survey -sampling errors and nonsampling errors. Because estimates from the Form EIA-820 survey are based on a complete census of the frame of petroleum refineries, there is no sampling error in the data presented in this report. The data, however, are subject to nonsampling errors. Nonsampling errors are those which can arise from: (1) the inability to obtain data from all companies in the frame or sample (nonresponse) and the method used to account for nonresponses; (2) definitional difficulties and/or improperly

worded questions which lead to different interpretations; (3) mistakes in recording or coding the data obtained from respondents; and (4) other errors of collection, response, coverage, and estimation. Quality control procedures are employed in the collection and editing operations to minimize misrepresentation and misreporting. Nonresponse follow-up procedures are employed to reduce the number of nonrespondents, and procedures employed to impute missing data, introduce a minimal amount of error, given the relatively small volume of imputed data.

Resubmissions

EIA-820 resubmissions are required whenever an error greater than 5 percent of the true value is discovered. In the event of a reporting error, company reports are updated after contact with the company and are followed up by corrected report resubmissions.

Revision Policy

The “Refinery Capacity Report” reflects EIA’s final data on refinery capacity and will be revised only if, in EIA’s judgment, a revision is expected to substantively affect understanding of the U.S. refinery capacity.

Confidentiality

Information on operable atmospheric crude oil distillation capacity, downstream charge capacity, and production capacity reported on Parts 5, 6, and 7 of Form EIA-820 are not considered confidential and are published in the “Refinery Capacity Report.” All other information reported on Form EIA-820 (i.e. Parts 3 and 4 and respondent information) will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the DOE regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another component of the Department of Energy (DOE); to any Committee of Congress, the General Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Disclosure limitation procedures are not applied to the statistical data published from this survey’s information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

Refinery Capacity History

Refinery capacity data collection was begun in 1918 by the Bureau of Mines, then in the Department of Commerce, and was operated on a voluntary basis until 1980. In 1980, the mandatory Energy Information Administration (EIA) Form EIA-177, “Capacity of Petroleum Refineries,” was implemented. Information on refining capacity was expanded to include not only current year operations, but two-year projections, and refinery input/production data. Working storage capacity data was also added to the form and product categories were added for total coverage. Information on refinery downstream facilities was expanded to include a breakdown of thermal operations and to add vacuum distillation, catalytic hydrotreating and hydrorefining. Production capacity was also added to include information on isomerization, alkylation, aromatics, asphalt/road oil, coking, lubricants and hydrogen.

In 1983, the form was revised to improve the consistency and quality of the data collected by the EIA and redesignated as Form EIA-820, "Annual Refinery Report." Two sections for data previously reported monthly were added: (1) refinery receipts of crude oil by method of transportation, and (2) fuels consumed for all purposes at refineries. Also, the second year projections on refining capacity were eliminated. As a result of a study conducted by the EIA evaluating motor gasoline data collected by the Federal Highway Administration (FHWA) and by the EIA, motor gasoline blending plants were included for the first time in the respondent frame in order to produce more accurate statistics on the production of motor gasoline.

In 1987, the form was revised to reduce respondent burden and to better reflect current refinery operations through updated terminology. Information on projected input/production of refinery processing facilities was deleted. Several categories under catalytic hydrotreating were combined: naphtha and reformer feeds were combined into a single category as well as residual fuel oil and "other." Thermal cracking types, gas oil and "other" were also combined into a single category. Catalytic reforming types, conventional and bi-metallic were replaced with low and high pressure processing units. Two new categories were added: fuels solvent deasphalting was added to downstream charge capacity and sulfur recovery was added to production capacity.

In 1994, the form was revised to enable EIA to calculate utilization rates for certain downstream processing units and to reflect storage capacity of fuels mandated by the Clean Air Act Amendments of 1990. Additions to the form included calendar day downstream charge capacity for fluid and delayed coking, catalytic cracking, and catalytic hydrocracking. Also storage capacity categories for reformulated, oxygenated, and other finished motor gasoline were added, as well as oxygenate storage capacity and separate categories for high and low sulfur distillate fuel oil.

In 1995, motor gasoline blending plants were dropped from the survey frame, since by this time, the only section of the form that applied to them was working and shell storage capacity. Also in 1995, a decision was made to no longer collect storage capacity from shutdown refineries; therefore, these refineries were also eliminated from the survey frame.

In 1996, the survey was moved to a biennial schedule (every other year) and was renamed "Biennial Refinery Report." The survey was not conducted for January 1, 1996 or January 1, 1998. Respondents were not required to submit data for crude oil and petroleum products consumed at refineries during 1995 and 1997. These data are available from the Form EIA-810, "Monthly Refinery Report." The requirement to submit data for refinery consumption of natural gas, coal, and purchased steam and electricity on the Form EIA-820 remained.

In 2000, the survey was moved to an annual schedule.

In 2004, the survey form was amended to reflect the increasing emphasis on the removal of sulfur from transportation fuels.

In 2009, natural gas used as feedstock for hydrogen plant production was added to the form. Also, isooctane production capacity was added.

In 2010, the survey form was amended to reflect the increasing use of bio-fuels. Storage capacities of biomass-based diesel fuel, other renewable diesel fuel and other renewable fuels were added to the form. Also, barrels per calendar day capacity of the catalytic reformer was added; previously this was only collected on a stream day basis.

In 2011, storage capacity data was removed from the form. Storage capacity is now being collected as of March 31 on the Form EIA-810, “Monthly Refinery Report.”

In 2024, the frame was amended to include non-refinery operators of distillation, reforming, cracking, coking, hydrotreating and similar processes.