

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	38,000	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	38,000	0	0	0
Vertex Refining Alabama LLC									
Saraland	88,000	0	91,200	0	29,000	0	0	0	0
(Formerly Shell Chemical LP)									
Alaska	165,500	0	180,000	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	21,000	0	24,000	0	0	0	0	0	0
Valdez	55,000	0	60,000	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	1,734,371	6,000	1,827,400	8,000	1,033,256	407,600	52,000	5,000	0
Chevron USA Inc									
El Segundo	269,000	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									
Rodeo	114,200	6,000	120,000	8,000	93,200	51,000	0	0	0
Wilmington	139,000	0	147,000	0	83,400	53,200	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	363,000	0	382,000	0	205,000	109,100	0	0	0

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(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	23,000	0	18,000	22,000	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	0	0	0	23,000	0	18,000	0	0
Vertex Refining Alabama LLC								
Saraland	0	0	0	0	0	0	22,000	0
(Formerly Shell Chemical LP)								
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	611,500	13,600	232,200	227,400	0	171,800	213,700	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								
Rodeo	0	0	0	69,000	0	0	34,000	0
Wilmington	51,600	0	27,500	0	0	0	36,200	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	102,500	0	99,500	0	0	0	83,000	0

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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	44,200	0	21,500	17,000	27,500	0	10,500	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	17,500	0	3,500	0	27,500	0	10,500	0
Vertex Refining Alabama LLC								
Saraland	26,700	0	18,000	17,000	0	0	0	0
(Formerly Shell Chemical LP)								
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	397,700	215,000	203,800	252,100	81,100	0	637,600	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								
Rodeo	27,500	0	0	0	0	0	0	0
Wilmington	50,800	0	12,900	32,000	0	0	55,000	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	38,000	24,000	0	0	147,000	0

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	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	1,734,371	6,000	1,827,400	8,000	1,033,256	407,600	52,000	5,000	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
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	0	103,000	0	111,700	33,500	0	0	0	0
Suncor Energy (USA) Inc									
Commerce City East	0	36,000	0	38,700	8,500	0	0	0	0
Commerce City West	0	67,000	0	73,000	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	1,043,485	0	1,100,800	0	491,800	213,420	0	0	0
ExxonMobil Refining & Supply Co									
Joliet	251,800	0	275,000	0	142,100	57,500	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	182,685	0	192,300	0	77,200	41,220	0	0	0
WRB Refining LP									
Wood River	356,000	0	367,500	0	196,500	83,700	0	0	0
Indiana	469,500	0	475,700	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	35,700	0	14,500	0	0	0	0
Kansas	404,600	0	416,767	0	162,500	75,000	0	0	0
CHS McPherson Refinery Inc									
McPherson	110,600	0	115,767	0	51,500	27,500	0	0	0
Coffeyville Resources Rfg & Mktg									
Coffeyville	132,000	0	136,000	0	46,000	25,000	0	0	0
HF Sinclair El Dorado Refining LLC									
El Dorado (Formerly HollyFrontier El Dorado Refining LLC)	162,000	0	165,000	0	65,000	22,500	0	0	0
Kentucky	291,000	0	306,000	0	134,000	0	0	0	0
Marathon Petroleum Co LP									
Catlettsburg	291,000	0	306,000	0	134,000	0	0	0	0

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	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
California	611,500	13,600	232,200	227,400	0	171,800	213,700	56,000
Torrance Refining Co LLC								
Torrance	90,000	13,600	28,300	0	0	0	20,000	0
Ultramar Inc								
Wilmington	56,300	0	0	0	0	18,000	0	0
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	25,000	0	43,000	0	0
Delaware City Refining Co LLC								
Delaware City	82,000	4,000	0	25,000	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	324,300	0	0	101,200	0	214,300	35,800	0
ExxonMobil Refining & Supply Co								
Joliet	99,300	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	101,000	0	0	57,200	0	79,700	0	0
Indiana	185,800	200	0	0	0	6,500	67,000	0
BP Products North America Inc								
Whiting	177,000	0	0	0	0	0	67,000	0
Countrymark Refining & Logistics LLC								
Mount Vernon	8,800	200	0	0	0	6,500	0	0
Kansas	104,800	500	0	43,000	0	61,000	23,500	0
CHS McPherson Refinery Inc								
McPherson	24,800	500	0	43,000	0	27,500	0	0
Coffeyville Resources Rfg & Mktg								
Coffeyville	36,000	0	0	0	0	26,000	0	0
HF Sinclair El Dorado Refining LLC								
El Dorado (Formerly HollyFrontier El Dorado Refining LLC)	44,000	0	0	0	0	7,500	23,500	0
Kentucky	104,000	0	0	0	0	24,500	33,500	14,000
Marathon Petroleum Co LP								
Catlettsburg	104,000	0	0	0	0	24,500	33,500	14,000

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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	397,700	215,000	203,800	252,100	81,100	0	637,600	70,200
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
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	444,400	120,000	66,950	328,960	0	0	0	16,300
ExxonMobil Refining & Supply Co								
Joliet	177,800	0	0	88,000	0	0	0	0
Marathon Petroleum Co LP								
Robinson	71,000	46,000	0	83,500	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	84,300	74,000	53,250	60,300	0	0	0	9,500
Indiana	134,200	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
Countrymark Refining & Logistics LLC								
Mount Vernon	11,500	6,700	0	16,300	0	0	0	0
Kansas	128,400	49,000	21,000	131,000	27,000	0	50,000	0
CHS McPherson Refinery Inc								
McPherson	42,400	0	0	47,000	0	0	0	0
Coffeyville Resources Rfg & Mktg								
Coffeyville	36,000	22,000	9,000	30,000	27,000	0	0	0
HF Sinclair El Dorado Refining LLC								
El Dorado (Formerly HollyFrontier El Dorado Refining LLC)	50,000	27,000	12,000	54,000	0	0	50,000	0
Kentucky	59,500	0	32,000	81,500	0	0	107,000	0
Marathon Petroleum Co LP								
Catlettsburg	59,500	0	32,000	81,500	0	0	107,000	0

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	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	2,964,220	0	3,116,355	0	1,539,100	565,200	0	0	11,800
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
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	455,000	0	479,000	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	596,000	0	627,000	0	299,000	110,000	0	0	0
Phillips 66 Company Westlake	264,000	0	273,000	0	125,000	65,200	0	0	11,800
Placid Refining Co Port Allen	75,000	0	82,500	0	27,000	0	0	0	0
Shell Oil Products US Norco	227,900	0	250,000	0	91,300	28,500	0	0	0
Valero Refining - Meraux LLC Meraux	125,000	0	125,600	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	140,000	0	152,000	0	90,500	38,000	0	0	0
Marathon Petroleum Co LP Detroit	140,000	0	152,000	0	90,500	38,000	0	0	0
Minnesota	440,000	0	485,000	0	284,000	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	110,000	0	50,000	0	0	0	0
Mississippi	393,940	0	415,000	0	354,875	104,000	0	0	0
Chevron USA Inc Pascagoula	356,440	0	375,200	0	330,000	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	9,600	213,400	10,000	119,600	36,000	10,000	0	0
Calumet Montana Refining LLC Great Falls	15,000	9,600	17,000	10,000	10,000	0	0	0	0

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	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Louisiana	946,000	3,500	55,000	401,900	0	473,200	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
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	137,000	0	38,000
Phillips 66 Company Westlake	51,600	0	0	0	0	48,000	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	67,160	990	6,200	0	0	12,500	23,000	0
Calumet Montana Refining LLC Great Falls	3,000	0	0	0	0	0	1,300	0

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	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Louisiana	602,200	756,900	208,100	808,800	0	13,500	266,700	25,000
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
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	0	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	79,000	261,000	0	215,800	0	0	0	0
Marathon Petroleum Co LP Garyville	124,500	126,000	85,000	181,000	0	0	106,000	0
Phillips 66 Company Westlake	50,000	63,500	38,000	62,000	0	13,500	50,000	0
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	35,500	0	7,000	48,000	0	0	44,500	0
Marathon Petroleum Co LP Detroit	35,500	0	7,000	48,000	0	0	44,500	0
Minnesota	89,500	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	40,500	0	10,000	32,000	0	0	31,000	0
Mississippi	60,800	0	34,000	38,000	0	0	104,000	70,500
Chevron USA Inc Pascagoula	60,800	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	47,750	25,000	0	46,070	7,900
Calumet Montana Refining LLC Great Falls	2,750	0	0	7,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	9,600	213,400	10,000	119,600	36,000	10,000	0	0
Cenex Harvest States Coop Laurel	62,500	0	64,000	0	32,200	16,000	0	0	0
ExxonMobil Refining & Supply Co Billings	61,500	0	62,900	0	32,300	0	10,000	0	0
Phillips 66 Company Billings	66,000	0	69,500	0	45,100	20,000	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	418,500	0	438,100	0	165,000	0	0	0	0
Paulsboro Refining Co LLC Paulsboro	160,000	0	166,000	0	90,000	0	0	0	0
Phillips 66 Company Linden	258,500	0	272,100	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
(Formerly HollyFrontier Navajo Refining LLC)									
North Dakota	71,000	0	74,000	0	0	0	0	0	0
Tesoro Refining & Marketing Co Mandan	71,000	0	74,000	0	0	0	0	0	0
Ohio	455,800	148,920	470,000	160,000	164,500	59,000	0	0	0
BP-Husky Refining LLC Toledo	0	148,920	0	160,000	72,500	36,000	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
Toledo Refining Co LLC Toledo	172,800	0	180,000	0	0	0	0	0	0
Oklahoma	453,500	70,300	494,020	75,500	214,042	38,385	0	0	0
HF Sinclair Tulsa Refining LLC Tulsa East	0	70,300	0	75,500	27,000	0	0	0	0
(Formerly HollyFrontier Tulsa Refining LLC)									
Tulsa West	85,000	0	91,020	0	32,000	11,000	0	0	0
(Formerly HollyFrontier Tulsa Refining LLC)									
Phillips 66 Company Ponca City	208,000	0	235,000	0	89,042	27,385	0	0	0
Valero Refining Co Oklahoma Ardmore	86,000	0	90,000	0	32,000	0	0	0	0
Wynnewood Refining Co Wynnewood	74,500	0	78,000	0	34,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	67,160	990	6,200	0	0	12,500	23,000	0
Cenex Harvest States Coop Laurel	16,500	0	0	0	0	12,500	0	0
ExxonMobil Refining & Supply Co Billings	23,660	0	6,200	0	0	0	12,500	0
Phillips 66 Company Billings	24,000	990	0	0	0	0	9,200	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	69,000	0	22,000
Paulsboro Refining Co LLC Paulsboro	0	0	0	0	0	32,000	0	0
Phillips 66 Company Linden	145,000	0	0	0	0	37,000	0	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
(Formerly HollyFrontier Navajo Refining LLC)								
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	57,800	0	65,500	106,800	0
BP-Husky Refining LLC Toledo	55,000	0	0	31,800	0	42,000	0	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
Toledo Refining Co LLC Toledo	82,000	0	52,000	0	0	0	51,800	0
Oklahoma	156,912	2,000	14,000	0	0	64,200	49,258	0
HF Sinclair Tulsa Refining LLC Tulsa East	28,000	2,000	0	0	0	25,000	0	0
(Formerly HollyFrontier Tulsa Refining LLC)								
Tulsa West	0	0	0	0	0	0	0	0
(Formerly HollyFrontier Tulsa Refining LLC)								
Phillips 66 Company Ponca City	76,912	0	0	0	0	0	49,258	0
Valero Refining Co Oklahoma Ardmore	30,000	0	14,000	0	0	20,500	0	0
Wynnewood Refining Co Wynnewood	22,000	0	0	0	0	18,700	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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	47,750	25,000	0	46,070	7,900
Cenex Harvest States Coop Laurel	17,000	0	0	0	25,000	0	20,000	0
ExxonMobil Refining & Supply Co Billings	13,900	20,500	7,600	11,000	0	0	0	7,900
Phillips 66 Company Billings	12,250	7,300	5,800	29,750	0	0	26,070	0
Nevada	0	0	0	0	0	0	0	0
Foreland Refining Corp Ely	0	0	0	0	0	0	0	0
New Jersey	97,500	0	29,100	154,000	17,500	0	0	0
Paulsboro Refining Co LLC Paulsboro	32,000	0	29,100	46,000	0	0	0	0
Phillips 66 Company Linden	65,500	0	0	108,000	17,500	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
(Formerly HollyFrontier Navajo Refining LLC)								
North Dakota	29,600	0	7,000	23,800	0	0	0	0
Tesoro Refining & Marketing Co Mandan	29,600	0	7,000	23,800	0	0	0	0
Ohio	187,400	107,000	69,500	84,000	0	0	75,500	0
BP-Husky Refining LLC Toledo	42,000	0	0	22,500	0	0	53,000	0
Lima Refining Company Lima	65,000	35,000	24,000	36,000	0	0	0	0
Marathon Petroleum Co LP Canton	34,500	0	13,500	25,500	0	0	22,500	0
Toledo Refining Co LLC Toledo	45,900	72,000	32,000	0	0	0	0	0
Oklahoma	158,411	119,487	18,678	139,600	39,161	0	58,338	38,079
HF Sinclair Tulsa Refining LLC Tulsa East	25,000	29,000	0	45,000	0	0	0	0
(Formerly HollyFrontier Tulsa Refining LLC)								
Tulsa West	28,000	0	0	0	0	0	0	21,600
(Formerly HollyFrontier Tulsa Refining LLC)								
Phillips 66 Company Ponca City	51,511	58,987	18,678	34,000	39,161	0	23,888	16,479
Valero Refining Co Oklahoma Ardmore	27,000	16,500	0	35,000	0	0	34,450	0
Wynnewood Refining Co Wynnewood	26,900	15,000	0	25,600	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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
Pennsylvania	266,000	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	65,000	0	70,000	0	40,000	0	0	0	0
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	5,975,969	0	6,380,239	0	2,664,200	900,207	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	167,500	0	177,839	0	85,300	45,127	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	71,000	0	76,000	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
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	369,024	0	384,400	0	180,000	46,500	0	0	0
Flint Hills Resources LP Corpus Christi East	74,500	0	75,000	0	0	0	0	0	0
Corpus Christi West	268,500	0	275,000	0	87,500	0	0	0	0
Hartree Channelview 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	42,500	0	50,000	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	593,000	0	625,000	0	259,500	30,000	0	0	0
Motiva Enterprises LLC Port Arthur	626,000	0	659,700	0	331,800	178,000	0	0	0
Pasadena Refining Systems Inc Pasadena	112,229	0	115,700	0	38,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	
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
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	1,744,567	13,000	252,100	433,800	84,500	988,900	105,280	168,500
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	71,377	0	0	0	0	51,500	0	0
Deer Park Refining LP Deer Park	75,100	5,000	0	60,000	0	44,000	24,500	0
Delek Refining LTD Tyler	20,250	0	0	0	0	13,000	4,500	0
Diamond Shamrock Refining Co LP Sunray	56,000	0	0	29,000	0	29,000	18,000	14,500
Three Rivers	23,840	0	0	28,000	0	23,500	10,000	10,500
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 Channelview 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	218,000	0	79,500	0	84,500	146,500	0	19,500
Motiva Enterprises LLC Port Arthur	92,600	0	0	115,500	0	129,500	0	0
Pasadena Refining Systems Inc Pasadena	0	0	0	0	0	23,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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
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
Tennessee	52,000	39,000	0	38,000	0	0	0	0
Valero Ref Company Tennessee LLC								
Memphis	52,000	39,000	0	38,000	0	0	0	0
Texas	1,470,900	1,093,648	599,100	1,422,860	16,000	75,000	991,300	168,100
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	48,121	0	101,660	0	0	70,900	0
Deer Park Refining LP								
Deer Park	80,000	46,600	40,000	50,000	0	0	49,000	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	47,500	0	0	0	0
Three Rivers	35,000	0	0	28,000	0	0	20,000	0
Equistar Chemicals LP								
Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Baytown	157,000	203,800	132,700	158,300	0	0	117,000	50,300
Beaumont	166,300	69,700	51,000	42,000	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	85,000	0	0	0	0
Hartree Channelview 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	128,500	57,000	76,000	60,000	0	0	108,500	0
Motiva Enterprises LLC								
Port Arthur	184,500	55,000	79,000	174,300	0	0	65,000	21,000
Pasadena Refining Systems Inc								
Pasadena	23,000	0	0	0	16,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
Texas	5,975,969	0	6,380,239	0	2,664,200	900,207	42,000	0	0
Petromax Refining Co LLC									
Houston	25,000	0	27,500	0	0	0	0	0	0
Phillips 66 Company									
Sweeny	265,000	0	286,000	0	132,100	78,700	0	0	0
Premcor Refining Group Inc									
Port Arthur	335,000	0	424,000	0	220,000	103,000	0	0	0
South Hampton Resources Inc									
Silsbee	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
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	155,000	0	82,000	28,380	0	0	0
Utah	206,714	0	217,200	0	34,900	10,000	0	0	0
Big West Oil Co									
North Salt Lake	31,664	0	33,000	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
(Formerly HollyFrontier Woods Cross Refg Co)									
Silver Eagle Refining									
Woods Cross	15,000	0	15,700	0	7,000	0	0	0	0
Tesoro Refining & Marketing Co									
Salt Lake City	66,000	0	69,500	0	0	0	0	0	0
Washington	648,200	0	672,500	0	320,100	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
(Formerly HollyFrontier Puget Sound Refg LLC)									
Phillips 66 Company									
Ferndale	105,000	0	110,500	0	48,100	0	0	0	0
Tesoro Refining & Marketing Co									
Anacortes	119,000	0	120,000	0	48,000	0	0	0	0
US Oil & Refining Co									
Tacoma	40,700	0	42,000	0	19,200	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	1,744,567	13,000	252,100	433,800	84,500	988,900	105,280	168,500
Petromax Refining Co LLC								
Houston	0	0	0	0	0	0	0	0
Phillips 66 Company								
Sweeny	111,000	0	0	0	0	42,100	0	0
Premcor Refining Group Inc								
Port Arthur	75,000	0	0	134,800	0	58,000	0	0
South Hampton Resources Inc								
Silsbee	0	0	0	0	0	5,200	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
Valero Refining Co Texas LP								
Corpus Christi	95,500	0	0	51,000	0	39,000	11,000	0
Houston	75,200	0	72,000	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	29,500	0	0
WRB Refining LP								
Borger	54,000	0	0	0	0	0	31,280	0
Utah	72,700	0	0	15,000	0	0	38,250	6,000
Big West Oil Co								
North Salt Lake	12,500	0	0	0	0	0	8,750	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
(Formerly HollyFrontier Woods Cross Refg Co)								
Silver Eagle Refining								
Woods Cross	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Salt Lake City	26,500	0	0	0	0	0	12,000	0
Washington	147,400	3,000	0	65,000	0	113,000	28,500	24,000
BP Products North America Inc								
Ferndale	0	0	0	65,000	0	65,000	0	0
HF Sinclair Puget Sound Refg LLC								
Anacortes	57,900	0	0	0	0	0	21,700	0
(Formerly HollyFrontier Puget Sound Refg LLC)								
Phillips 66 Company								
Ferndale	38,000	0	0	0	0	18,500	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

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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	1,470,900	1,093,648	599,100	1,422,860	16,000	75,000	991,300	168,100
Petromax Refining Co LLC								
Houston	0	0	0	0	0	0	0	0
Phillips 66 Company								
Sweeny	73,400	68,700	0	126,300	0	0	110,200	0
Premcor Refining Group Inc								
Port Arthur	51,500	90,000	33,000	104,600	0	0	60,000	0
South Hampton Resources Inc								
Silsbee	11,000	0	0	0	0	0	0	4,000
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
Valero Refining Co Texas LP								
Corpus Christi	57,000	54,500	10,000	72,000	0	75,000	25,000	0
Houston	9,000	38,027	15,900	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	33,000	35,500	9,500	49,000	0	0	0	0
WRB Refining LP								
Borger	67,500	0	15,000	28,600	0	0	78,000	0
Utah	45,900	8,000	2,900	51,200	31,500	0	0	7,200
Big West Oil Co								
North Salt Lake	11,800	0	0	12,400	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
(Formerly HollyFrontier Woods Cross Refg Co)								
Silver Eagle Refining								
Woods Cross	1,000	0	0	3,000	0	0	0	0
Tesoro Refining & Marketing Co								
Salt Lake City	11,500	8,000	0	22,500	0	0	0	0
Washington	204,200	104,500	45,000	174,200	0	0	0	0
BP Products North America Inc								
Ferndale	101,800	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
(Formerly HollyFrontier Puget Sound Refg LLC)								
Phillips 66 Company								
Ferndale	19,400	34,100	0	37,800	0	0	0	0
Tesoro Refining & Marketing Co								
Anacortes	50,500	26,500	0	28,500	0	0	0	0
US Oil & Refining Co								
Tacoma	10,800	0	0	8,600	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
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
Wisconsin	0	38,000	0	50,000	23,500	0	0	0	0
Superior Refining Company LLC Superior	0	38,000	0	50,000	23,500	0	0	0	0
Wyoming	125,850	0	143,900	0	51,000	20,000	0	0	0
HF Sinclair Casper Refining Company Evansville	29,850	0	30,000	0	0	0	0	0	0
(Formerly Sinclair Casper Refining Company)									
HF Sinclair Wyoming Refining Co Sinclair	75,000	0	92,000	0	51,000	20,000	0	0	0
(Formerly Sinclair Wyoming Refining Co)									
Silver Eagle Refining Evanston	3,000	0	3,400	0	0	0	0	0	0
Wyoming Refining Co Newcastle	18,000	0	18,500	0	0	0	0	0	0
U.S. Total	17,684,549	375,820	18,741,581	415,200	8,604,173	2,775,612	158,500	16,000	11,800

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(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	
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
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	19,900	0
HF Sinclair Casper Refining Company Evansville	10,500	500	0	0	0	5,000	0	0
(Formerly Sinclair Casper Refining Company)								
HF Sinclair Wyoming Refining Co Sinclair	22,000	0	16,000	0	0	0	13,000	0
(Formerly Sinclair Wyoming Refining Co)								
Silver Eagle Refining Evanston	0	0	0	0	0	0	2,900	0
Wyoming Refining Co Newcastle	7,500	0	0	0	0	0	4,000	0
U.S. Total	5,465,762	48,890	746,000	1,561,100	84,500	2,637,700	967,888	385,000

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2023
(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
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
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	37,600	6,500	14,000	35,700	0	0	20,000	0
HF Sinclair Casper Refining Company Evansville	8,200	6,500	0	11,200	0	0	0	0
(Formerly Sinclair Casper Refining Company)								
HF Sinclair Wyoming Refining Co Sinclair	21,500	0	14,000	18,500	0	0	20,000	0
(Formerly Sinclair Wyoming Refining Co)								
Silver Eagle Refining Evanston	3,900	0	0	0	0	0	0	0
Wyoming Refining Co Newcastle	4,000	0	0	6,000	0	0	0	0
U.S. Total	4,624,711	2,900,785	1,577,828	4,366,700	264,761	88,500	2,838,408	437,279

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."