

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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	139,600	0	145,600	0	47,000	34,000	0	0	0
Goodway Refining LLC									
Atmore	4,100	0	5,000	0	0	0	0	0	0
Hunt Refining Co									
Tuscaloosa	48,000	0	50,000	0	18,000	34,000	0	0	0
Shell Chemical LP									
Saraland	87,500	0	90,600	0	29,000	0	0	0	0
Alaska	164,200	0	178,500	0	26,000	0	0	0	0
BP Exploration Alaska Inc									
Prudhoe Bay	6,500	0	8,000	0	0	0	0	0	0
ConocoPhillips Alaska Inc									
Prudhoe Bay	15,000	0	16,000	0	0	0	0	0	0
Petro Star Inc									
North Pole	19,700	0	22,500	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	1,899,671	9,500	1,999,400	10,000	1,201,556	458,300	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
Phillips 66 Company									
Rodeo	120,200	0	128,000	0	93,200	51,000	0	0	0
Wilmington	139,000	0	147,000	0	82,000	53,200	0	0	0
San Joaquin Refining Co Inc									
Bakersfield	15,000	0	25,000	0	14,300	0	0	5,000	0
Santa Maria Refining Company									
Santa Maria	0	9,500	0	10,000	10,000	0	0	0	0
Shell Oil Products US									
Martinez	156,400	0	158,000	0	102,000	25,500	22,500	0	0
Tesoro Refining & Marketing Co									
Carson	363,000	0	382,000	0	205,000	109,100	0	0	0
Martinez	161,000	0	166,000	0	158,700	52,000	0	0	0

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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	20,500	0	15,300	22,000	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	0	0	0	20,500	0	15,300	0	0
Shell Chemical LP								
Saraland	0	0	0	0	0	0	22,000	0
Alaska	0	0	0	13,000	0	13,500	0	0
BP Exploration Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
ConocoPhillips Alaska Inc								
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	7,400
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	7,400
California	683,700	14,600	224,700	264,100	0	197,800	210,200	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
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
Santa Maria Refining Company								
Santa Maria	0	0	0	0	0	0	0	0
Shell Oil Products US								
Martinez	72,000	0	42,900	0	0	31,000	0	0
Tesoro Refining & Marketing Co								
Carson	102,500	0	92,000	0	0	0	79,500	0
Martinez	72,200	1,000	0	36,700	0	26,000	0	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	40,100	0	20,500	30,000	24,000	0	10,500	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	12,100	0	2,500	0	24,000	0	10,500	0
Shell Chemical LP								
Saraland	28,000	0	18,000	30,000	0	0	0	0
Alaska	13,000	0	0	11,500	0	0	0	0
BP Exploration Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
ConocoPhillips Alaska Inc								
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	424,200	248,300	203,800	326,100	100,100	0	708,100	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
Phillips 66 Company								
Rodeo	27,500	0	0	35,000	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
Santa Maria Refining Company								
Santa Maria	0	0	0	0	0	0	0	0
Shell Oil Products US								
Martinez	27,500	92,500	0	0	49,000	0	84,500	14,500
Tesoro Refining & Marketing Co								
Carson	79,000	17,000	38,000	24,000	0	0	144,000	0
Martinez	27,000	30,800	0	39,000	19,500	0	69,500	0

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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	1,899,671	9,500	1,999,400	10,000	1,201,556	458,300	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	149,000	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	182,200	0	190,200	0	104,600	0	54,500	0	0
Delaware City Refining Co LLC									
Delaware City	182,200	0	190,200	0	104,600	0	54,500	0	0
Hawaii	147,500	0	152,000	0	71,000	0	0	11,000	0
Par Hawaii Refining LLC									
Kapolei	147,500	0	152,000	0	71,000	0	0	11,000	0
Illinois	1,026,865	0	1,097,200	0	476,400	212,850	0	0	0
ExxonMobil Refining & Supply Co									
Joliet	238,600	0	275,000	0	126,700	57,500	0	0	0
Marathon Petroleum Co LP									
Robinson	253,000	0	266,000	0	76,000	30,500	0	0	0
PDV Midwest Refining LLC									
Lemont	179,265	0	188,700	0	77,200	41,150	0	0	0
WRB Refining LP									
Wood River	356,000	0	367,500	0	196,500	83,700	0	0	0
Indiana	463,800	0	470,800	0	290,200	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 Cooperative Inc									
Mount Vernon	28,800	0	30,800	0	14,000	0	0	0	0
Kansas	403,800	0	415,930	0	161,000	74,550	0	0	0
CHS McPherson Refinery Inc									
McPherson	109,800	0	114,930	0	50,000	30,550	0	0	0
Coffeyville Resources Rfg & Mktg									
Coffeyville	132,000	0	136,000	0	46,000	25,000	0	0	0
HollyFrontier El Dorado Refining LLC									
El Dorado	162,000	0	165,000	0	65,000	19,000	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	683,700	14,600	224,700	264,100	0	197,800	210,200	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	22,300	0	43,800	0	0
Delaware City Refining Co LLC								
Delaware City	82,000	4,000	0	22,300	0	43,800	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	185,600	7,200	0	0	0	6,500	65,000	0
BP Products North America Inc								
Whiting	177,000	7,000	0	0	0	0	65,000	0
Countrymark Cooperative Inc								
Mount Vernon	8,600	200	0	0	0	6,500	0	0
Kansas	104,000	500	0	43,000	0	60,500	23,500	0
CHS McPherson Refinery Inc								
McPherson	24,000	500	0	43,000	0	27,000	0	0
Coffeyville Resources Rfg & Mktg								
Coffeyville	36,000	0	0	0	0	26,000	0	0
HollyFrontier El Dorado Refining LLC								
El Dorado	44,000	0	0	0	0	7,500	23,500	0
Kentucky	104,000	0	0	0	0	24,500	33,500	13,000
Marathon Petroleum Co LP								
Catlettsburg	104,000	0	0	0	0	24,500	33,500	13,000

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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	424,200	248,300	203,800	326,100	100,100	0	708,100	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	50,000	33,000	16,500	52,000	0	0	0	0
Delaware City Refining Co LLC								
Delaware City	50,000	33,000	16,500	52,000	0	0	0	0
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	435,600	115,500	66,950	318,960	0	0	0	16,300
ExxonMobil Refining & Supply Co								
Joliet	169,500	0	0	78,000	0	0	0	0
Marathon Petroleum Co LP								
Robinson	70,500	41,500	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	78,000	91,500	46,000	134,300	0	0	192,000	0
BP Products North America Inc								
Whiting	69,000	85,000	46,000	120,800	0	0	192,000	0
Countrymark Cooperative Inc								
Mount Vernon	9,000	6,500	0	13,500	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
HollyFrontier El Dorado Refining LLC								
El Dorado	50,000	27,000	12,000	54,000	0	0	50,000	0
Kentucky	59,000	0	31,000	77,500	0	0	107,000	0
Marathon Petroleum Co LP								
Catlettsburg	59,000	0	31,000	77,500	0	0	107,000	0

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	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
Louisiana	3,366,666	0	3,569,295	0	1,760,470	575,700	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	418,000	0	440,000	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	517,700	0	539,000	0	253,000	123,500	0	0	0
Marathon Petroleum Co LP Garyville	578,000	0	608,000	0	297,500	94,500	0	0	0
Phillips 66 Company Belle Chasse	255,600	0	269,140	0	104,170	26,000	0	0	0
Westlake	260,000	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 Convent	211,146	0	260,000	0	116,300	0	0	0	0
Norco	227,400	0	250,000	0	91,300	28,500	0	0	0
Valero Refining - Meraux LLC Meraux	125,000	0	128,000	0	60,000	0	0	0	0
Valero Refining New Orleans LLC Norco	215,000	0	220,000	0	180,000	86,000	0	0	0
Michigan	140,000	0	147,000	0	89,000	36,500	0	0	0
Marathon Petroleum Co LP Detroit	140,000	0	147,000	0	89,000	36,500	0	0	0
Minnesota	438,000	0	483,000	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	103,000	0	108,000	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

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	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Louisiana	1,140,800	5,500	55,000	401,900	54,500	521,190	142,200	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	244,500	0	27,000	0	0	80,000	0	0
Marathon Petroleum Co LP Garyville	146,000	0	0	130,000	0	136,500	0	38,000
Phillips 66 Company Belle Chasse	105,000	2,000	0	0	0	48,490	0	0
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 Convent	92,300	0	0	0	54,500	0	46,000	0
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	126,500	2,500	67,000	0	0	37,000	36,800	4,500
Flint Hills Resources LP Saint Paul	96,000	0	67,000	0	0	37,000	13,800	0
St Paul Park Refining Co LLC Saint Paul	30,500	2,500	0	0	0	0	23,000	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

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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	690,740	875,740	239,600	953,700	0	13,500	306,200	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	259,000	0	211,100	0	0	0	0
Marathon Petroleum Co LP Garyville	116,000	116,500	84,500	179,500	0	0	106,000	0
Phillips 66 Company Belle Chasse	50,540	72,340	0	74,800	0	0	0	0
Westlake	50,000	63,500	28,000	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 Convent	50,000	58,000	42,000	76,300	0	0	39,500	0
Norco	38,500	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	35,000	0	7,000	46,500	0	0	44,500	0
Marathon Petroleum Co LP Detroit	35,000	0	7,000	46,500	0	0	44,500	0
Minnesota	89,300	51,200	53,500	94,000	0	0	158,500	0
Flint Hills Resources LP Saint Paul	51,300	51,200	43,500	62,000	0	0	128,000	0
St Paul Park Refining Co LLC Saint Paul	38,000	0	10,000	32,000	0	0	30,500	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

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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	213,400	9,600	222,900	10,000	129,600	34,270	10,000	0	0
Calumet Montana Refining LLC									
Great Falls	25,000	9,600	27,000	10,000	20,000	0	0	0	0
Cenex Harvest States Coop									
Laurel	62,000	0	63,500	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	64,900	0	69,500	0	45,100	18,270	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	27,000	0	0	0
Paulsboro Refining Co LLC									
Paulsboro	160,000	0	166,000	0	90,000	27,000	0	0	0
Phillips 66 Company									
Linden	258,500	0	272,100	0	75,000	0	0	0	0
New Mexico	137,000	0	152,000	0	34,300	0	0	0	0
HollyFrontier Navajo Refining LLC									
Artesia	110,000	0	124,000	0	34,300	0	0	0	0
Western Refining Southwest Inc									
Gallup	27,000	0	28,000	0	0	0	0	0	0
North Dakota	90,000	0	94,000	0	0	0	0	0	0
Dakota Prairie Refining LLC									
Dickinson	19,000	0	20,000	0	0	0	0	0	0
Tesoro Refining & Marketing Co									
Mandan	71,000	0	74,000	0	0	0	0	0	0
Ohio	601,800	0	633,000	0	164,500	59,000	0	0	0
BP-Husky Refining LLC									
Toledo	155,000	0	160,000	0	72,500	36,000	0	0	0
Lima Refining Company									
Lima	179,000	0	185,000	0	57,000	23,000	0	0	0
Marathon Petroleum Co LP									
Canton	95,000	0	100,000	0	35,000	0	0	0	0
Toledo Refining Co LLC									
Toledo	172,800	0	188,000	0	0	0	0	0	0
Oklahoma	522,800	0	559,194	0	220,342	38,385	0	0	0
HollyFrontier 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	11,000	0	0	0
Phillips 66 Company									
Ponca City	207,000	0	226,674	0	89,042	27,385	0	0	0
Valero Refining Co Oklahoma									
Ardmore	86,000	0	88,000	0	32,000	0	0	0	0
Wynnewood Refining Co									
Wynnewood	74,500	0	78,000	0	40,300	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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	66,360	990	6,200	24,000	0	12,500	22,700	0
Calumet Montana Refining LLC								
Great Falls	3,000	0	0	24,000	0	0	1,000	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	23,200	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	200,000	0	0	0	0	67,900	0	22,000
Paulsboro Refining Co LLC								
Paulsboro	55,000	0	0	0	0	32,000	0	0
Phillips 66 Company								
Linden	145,000	0	0	0	0	35,900	0	22,000
New Mexico	39,100	3,000	0	18,000	0	24,000	7,200	18,000
HollyFrontier Navajo Refining LLC								
Artesia	30,000	0	0	18,000	0	24,000	0	18,000
Western Refining Southwest Inc								
Gallup	9,100	3,000	0	0	0	0	7,200	0
North Dakota	27,000	3,600	0	0	0	0	12,500	0
Dakota Prairie Refining LLC								
Dickinson	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Mandan	27,000	3,600	0	0	0	0	12,500	0
Ohio	208,300	0	52,000	57,800	0	64,000	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	26,000	0	0	0	0	22,000	0	0
Toledo Refining Co LLC								
Toledo	82,000	0	52,000	0	0	0	51,800	0
Oklahoma	153,912	2,000	14,000	18,200	0	64,200	49,258	4,850
HollyFrontier Tulsa Refining LLC								
Tulsa East	25,000	2,000	0	0	0	25,000	0	0
Tulsa West	0	0	0	0	0	0	0	0
Phillips 66 Company								
Ponca City	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	18,200	0	18,700	0	4,850

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020
(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	19,400	46,750	25,000	0	46,070	7,900
Calumet Montana Refining LLC								
Great Falls	2,750	0	6,000	6,000	0	0	0	0
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	37,000	29,100	154,000	17,500	0	0	0
Paulsboro Refining Co LLC								
Paulsboro	32,000	37,000	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	50,000	0	19,900	48,300	0	0	18,000	0
HollyFrontier Navajo Refining LLC								
Artesia	42,000	0	15,000	43,000	0	0	18,000	0
Western Refining Southwest Inc								
Gallup	8,000	0	4,900	5,300	0	0	0	0
North Dakota	13,000	0	6,900	33,300	0	0	0	0
Dakota Prairie Refining LLC								
Dickinson	0	0	0	9,500	0	0	0	0
Tesoro Refining & Marketing Co								
Mandan	13,000	0	6,900	23,800	0	0	0	0
Ohio	185,400	107,000	69,500	82,500	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	63,000	35,000	24,000	36,000	0	0	0	0
Marathon Petroleum Co LP								
Canton	34,500	0	13,500	24,000	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	37,590	0	58,338	37,000
HollyFrontier 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	51,511	58,987	18,678	34,000	37,590	0	23,888	15,400
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, 2020
(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	335,000	289,800	350,000	276,200	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
Philadelphia Energy Solutions Philadelphia	0	335,000	0	350,000	163,200	0	0	0	0
United Refining Co Warren	65,000	0	70,000	0	40,000	0	0	0	0
Tennessee	180,000	0	185,000	0	0	0	0	0	0
Valero Ref Company Tennessee LLC Memphis	180,000	0	185,000	0	0	0	0	0	0
Texas	5,820,529	35,000	6,179,800	38,000	2,631,000	913,707	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	174,000	0	85,300	45,127	0	0	0
Deer Park Refining LTD Partnership Deer Park	318,000	0	340,000	0	180,000	92,000	0	0	0
Delek Refining LTD Tyler	75,000	0	76,000	0	28,000	7,500	0	0	0
Diamond Shamrock Refining Co LP Sunray	195,000	0	200,000	0	50,000	0	0	0	0
Three Rivers	89,000	0	91,000	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	560,500	0	584,000	0	297,000	54,000	42,000	0	0
Beaumont	369,024	0	384,400	0	148,800	46,500	0	0	0
Flint Hills Resources LP Corpus Christi East	73,500	0	75,000	0	0	0	0	0	0
Corpus Christi West	265,000	0	275,000	0	87,500	14,500	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	84,000	0	100,000	0	0	0	0	0	0
Lazarus Energy LLC Nixon	13,000	0	13,600	0	0	0	0	0	0
Magellan Terminal Holdings LP Corpus Christi	42,500	0	50,000	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	585,000	0	616,000	0	259,500	33,000	0	0	0
Motiva Enterprises LLC Port Arthur	607,000	0	639,700	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, 2020

(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	215,500	1,000	23,000	0	0	50,000	102,200	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
Philadelphia Energy Solutions Philadelphia	137,500	0	0	0	0	0	86,000	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	1,791,190	13,000	250,300	429,300	84,500	981,800	105,280	168,000
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	83,800	0	0	0	0	51,500	0	0
Deer Park Refining LTD Partnership Deer Park	75,000	5,000	0	60,000	0	44,900	24,500	0
Delek Refining LTD Tyler	20,250	0	0	0	0	13,000	4,500	0
Diamond Shamrock Refining Co LP Sunray	54,500	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	29,900	0	0	127,500	0	47,000
Beaumont	115,000	0	70,000	0	0	143,500	0	0
Flint Hills Resources LP Corpus Christi East	48,800	0	0	0	0	0	0	0
Corpus Christi West	56,200	0	0	14,500	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 Terminal Holdings LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	205,500	0	78,500	0	84,500	144,500	0	19,000
Motiva Enterprises LLC Port Arthur	92,600	0	0	112,000	0	129,500	0	0
Pasadena Refining Systems Inc Pasadena	52,000	0	0	0	0	23,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020
(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	187,900	104,000	28,300	75,100	157,000	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
Philadelphia Energy Solutions Philadelphia	78,000	65,000	0	0	157,000	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	1,424,090	1,116,180	629,700	1,398,710	16,000	75,000	980,140	142,000
Alon USA Energy Inc Big Spring	25,500	0	5,000	24,000	0	0	6,500	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	101,610	0	0	70,900	0
Deer Park Refining LTD Partnership Deer Park	80,000	46,600	40,000	50,000	0	0	49,500	43,000
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	25,000	0	10,000	25,000	0	0	20,000	0
Equistar Chemicals LP Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baytown	155,500	196,000	132,700	146,300	0	0	117,000	46,500
Beaumont	163,100	71,000	51,000	42,000	0	0	0	20,000
Flint Hills Resources LP Corpus Christi East	33,000	0	21,000	42,500	0	0	0	0
Corpus Christi West	60,000	72,000	32,000	29,500	0	0	0	0
Houston Refining LP Houston	61,000	89,000	44,500	92,600	0	0	117,000	1,000
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 Terminal Holdings LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Galveston Bay	125,000	57,000	79,000	58,500	0	0	108,500	0
Motiva Enterprises LLC Port Arthur	163,150	55,000	79,000	173,300	0	0	53,300	21,000
Pasadena Refining Systems Inc Pasadena	23,000	40,000	0	0	16,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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	5,820,529	35,000	6,179,800	38,000	2,631,000	913,707	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	278,900	0	132,100	78,700	0	0	0
Premcor Refining Group Inc									
Port Arthur	335,000	0	415,000	0	220,000	103,000	0	0	0
South Hampton Resources Inc									
Silsbee	0	0	0	0	0	0	0	0	0
Targa Channelview LLC									
Channelview	0	35,000	0	38,000	0	0	0	0	0
The San Antonio Refinery LLC									
San Antonio (Formerly Calumet San Antonio Refining LLC)	20,000	0	21,000	0	0	0	0	0	0
Total Petrochemicals & Refining USA									
Port Arthur	225,500	0	245,000	0	117,000	60,000	0	0	0
Valero Refining Co Texas LP									
Corpus Christi	290,000	0	297,000	0	91,000	19,000	0	0	0
Houston	205,000	0	210,000	0	38,000	0	0	0	0
Texas City	225,000	0	231,000	0	133,500	53,500	0	0	0
Western Refining Company LP									
El Paso	131,000	0	138,000	0	55,500	0	0	0	0
WRB Refining LP									
Borger	146,000	0	154,000	0	80,000	28,380	0	0	0
Utah	203,714	0	214,200	0	34,500	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	27,500	10,000	0	0	0
HollyFrontier 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	63,000	0	66,500	0	0	0	0	0	0
Washington	651,700	0	672,500	0	319,100	86,800	0	0	0
BP West Coast Products LLC									
Ferndale	242,000	0	251,000	0	139,000	61,500	0	0	0
Phillips 66 Company									
Ferndale	105,000	0	110,500	0	48,100	0	0	0	0
Shell Oil Products US									
Anacortes	145,000	0	149,000	0	65,800	25,300	0	0	0
Tesoro Refining & Marketing Co									
Anacortes	119,000	0	120,000	0	47,000	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, 2020

(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	1,791,190	13,000	250,300	429,300	84,500	981,800	105,280	168,000
Petromax Refining Co LLC								
Houston	0	0	0	0	0	0	0	0
Phillips 66 Company								
Sweeny	107,700	0	0	0	0	42,100	0	0
Premcor Refining Group Inc								
Port Arthur	75,000	0	0	134,800	0	55,000	0	0
South Hampton Resources Inc								
Silsbee	0	0	0	0	0	5,200	0	0
Targa Channelview LLC								
Channelview	0	0	0	0	0	0	0	0
The San Antonio Refinery LLC								
San Antonio	0	0	0	0	0	0	6,000	0
(Formerly Calumet San Antonio Refining LLC)								
Total Petrochemicals & Refining 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	75,000	0	71,900	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	28,000	0	0
WRB Refining LP								
Borger	56,000	0	0	0	0	0	31,280	0
Utah	70,000	0	0	15,000	0	0	36,900	6,000
Big West Oil Co								
North Salt Lake	12,500	0	0	0	0	0	8,500	0
Chevron USA Inc								
Salt Lake City	15,500	0	0	0	0	0	8,500	0
HollyFrontier Woods Cross Refining LLC								
Woods Cross	17,500	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	24,500	0	0	0	0	0	11,500	0
Washington	147,400	3,000	0	65,000	0	112,000	28,500	24,000
BP West Coast Products LLC								
Ferndale	0	0	0	65,000	0	65,000	0	0
Phillips 66 Company								
Ferndale	38,000	0	0	0	0	18,500	0	0
Shell Oil Products US								
Anacortes	57,900	0	0	0	0	0	21,700	0
Tesoro Refining & Marketing Co								
Anacortes	51,500	3,000	0	0	0	28,500	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, 2020
(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	1,424,090	1,116,180	629,700	1,398,710	16,000	75,000	980,140	142,000
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	48,700	85,000	33,000	104,600	0	0	60,000	0
South Hampton Resources Inc								
Silsbee	11,000	0	0	0	0	0	0	4,000
Targa Channelview LLC								
Channelview	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
(Formerly Calumet San Antonio Refining LLC)								
Total Petrochemicals & Refining 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	33,600	16,000	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	30,500	35,000	9,000	48,500	0	0	0	0
WRB Refining LP								
Borger	65,540	0	8,500	35,500	0	0	77,840	0
Utah	45,300	8,000	2,900	50,300	31,500	0	0	7,200
Big West Oil Co								
North Salt Lake	11,800	0	0	11,500	0	0	0	0
Chevron USA Inc								
Salt Lake City	8,500	0	0	13,300	20,700	0	0	7,200
HollyFrontier 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	11,500	8,000	0	22,500	0	0	0	0
Washington	199,300	104,500	45,000	170,600	0	0	0	0
BP West Coast Products LLC								
Ferndale	101,800	0	20,000	59,000	0	0	0	0
Phillips 66 Company								
Ferndale	19,400	34,100	0	35,000	0	0	0	0
Shell Oil Products US								
Anacortes	21,700	43,900	25,000	39,900	0	0	0	0
Tesoro Refining & Marketing Co								
Anacortes	46,000	26,500	0	28,500	0	0	0	0
US Oil & Refining Co								
Tacoma	10,400	0	0	8,200	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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
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	168,500	0	191,400	0	79,000	33,700	0	0	0
Hermes Consolidated LLC New Castle	18,000	0	18,500	0	0	0	0	0	0
HollyFrontier Cheyenne Refining LLC Cheyenne	48,000	0	52,000	0	28,000	13,700	0	0	0
Little America Refining Co Evansville	24,500	0	25,500	0	0	0	0	0	0
Silver Eagle Refining Evanston	3,000	0	3,400	0	0	0	0	0	0
Sinclair Wyoming Refining Co Sinclair	75,000	0	92,000	0	51,000	20,000	0	0	0
U.S. Total	18,548,985	427,100	19,634,219	458,000	9,170,843	2,882,762	158,500	16,000	11,800
Virgin Islands	0	176,400	0	180,000	90,000	62,000	0	0	0
Limetree Bay Refining LLC Kingshill	0	176,400	0	180,000	90,000	62,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020

(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	54,500	500	15,000	0	0	14,200	19,900	0
Hermes Consolidated LLC New Castle	7,500	0	0	0	0	0	4,000	0
HollyFrontier Cheyenne Refining LLC Cheyenne	13,500	0	0	0	0	9,200	0	0
Little America Refining Co Evansville	11,500	500	0	0	0	5,000	0	0
Silver Eagle Refining Evanston	0	0	0	0	0	0	2,900	0
Sinclair Wyoming Refining Co Sinclair	22,000	0	15,000	0	0	0	13,000	0
U.S. Total	5,988,485	61,890	735,700	1,630,300	139,000	2,708,790	1,100,238	395,750
Virgin Islands	0	0	0	0	0	46,000	0	0
Limetree Bay Refining LLC Kingshill	0	0	0	0	0	46,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2020
(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	48,000	16,500	14,000	54,000	0	0	20,000	0
Hermes Consolidated LLC New Castle	4,000	0	0	6,000	0	0	0	0
HollyFrontier Cheyenne Refining LLC Cheyenne	11,000	10,000	0	19,000	0	0	0	0
Little America Refining Co Evansville	7,500	6,500	0	10,500	0	0	0	0
Silver Eagle Refining Evanston	4,000	0	0	0	0	0	0	0
Sinclair Wyoming Refining Co Sinclair	21,500	0	14,000	18,500	0	0	20,000	0
U.S. Total	4,686,141	3,164,957	1,643,328	4,580,050	435,690	88,500	2,936,748	390,100
Virgin Islands	100,000	0	66,000	66,000	0	0	50,000	0
Limetree Bay Refining LLC Kingshill	100,000	0	66,000	66,000	0	0	50,000	0

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."