

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	131,675	0	140,500	0	47,000	32,000	0	0	0
Goodway Refining LLC									
Atmore	4,100	0	5,000	0	0	0	0	0	0
Hunt Refining Co									
Tuscaloosa	36,000	0	40,000	0	18,000	32,000	0	0	0
Shell Chemical LP									
Saraland	91,575	0	95,500	0	29,000	0	0	0	0
Alaska	158,700	0	183,500	0	26,000	0	0	0	0
BP Exploration Alaska Inc									
Prudhoe Bay	10,500	0	13,000	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 Petroleum Co									
Kenai	58,500	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	1,897,641	84,500	2,006,000	90,000	1,231,756	447,800	52,000	5,000	0
Alon Bakersfield Operating Inc									
Bakersfield	0	0	0	0	0	0	0	0	0
Chevron USA Inc									
El Segundo	269,000	0	290,500	0	169,100	74,700	0	0	0
Richmond	245,271	0	257,200	0	123,456	0	0	0	0
ExxonMobil Refining & Supply Co									
Torrance	151,300	0	157,800	0	102,300	53,000	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	7,000	0	0	0	0
Paramount Petroleum Corporation									
Paramount	0	84,500	0	90,000	30,000	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	9,500	0	10,000	0	10,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	18,500	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	18,500	0	15,300	0	0
Shell Chemical LP								
Saraland	0	0	0	0	0	0	22,000	0
Alaska	0	0	0	12,500	0	14,200	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 Petroleum Co								
Kenai	0	0	0	12,500	0	14,200	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	716,300	13,400	191,800	296,600	0	205,800	216,700	56,000
Alon Bakersfield Operating Inc								
Bakersfield	0	0	0	15,000	0	8,000	0	0
Chevron USA Inc								
El Segundo	73,800	0	0	53,200	0	49,000	0	0
Richmond	90,000	0	0	103,400	0	71,300	0	56,000
ExxonMobil Refining & Supply Co								
Torrance	87,800	12,400	23,000	0	0	0	18,000	0
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
Paramount Petroleum Corporation								
Paramount	0	0	0	0	0	0	12,000	0
Phillips 66 Company								
Rodeo	0	0	0	65,000	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

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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	36,500	0	2,500	16,000	24,000	0	30,000	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	0	0
Shell Chemical LP								
Saraland	24,400	0	0	16,000	0	0	30,000	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 Petroleum Co								
Kenai	13,000	0	0	11,500	0	0	0	0
Arkansas	20,000	8,750	0	35,000	0	0	21,000	13,500
Cross Oil Refining & Marketing Inc								
Smackover	0	0	0	0	0	0	0	5,500
Lion Oil Co								
El Dorado	20,000	8,750	0	35,000	0	0	21,000	8,000
California	443,100	270,500	198,100	339,300	122,100	0	723,000	70,200
Alon Bakersfield Operating Inc								
Bakersfield	8,000	0	0	0	0	0	21,000	0
Chevron USA Inc								
El Segundo	59,000	0	36,300	45,500	14,000	0	73,700	0
Richmond	57,600	64,800	96,000	64,800	0	0	65,000	34,000
ExxonMobil Refining & Supply Co								
Torrance	24,700	0	0	18,000	0	0	106,500	0
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
Paramount Petroleum Corporation								
Paramount	15,000	0	8,500	13,000	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

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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	
California	1,897,641	84,500	2,006,000	90,000	1,231,756	447,800	52,000	5,000	0
Shell Oil Products US									
Martinez	156,400	0	158,000	0	102,000	25,000	22,500	0	0
Tesoro Refining & Marketing Co									
Carson	256,830	0	276,000	0	140,000	67,100	0	0	0
Martinez	166,000	0	170,000	0	156,900	53,000	0	0	0
Wilmington	98,340	0	107,000	0	65,000	42,000	0	0	0
Valero Refining Co California									
Benicia	145,000	0	149,000	0	85,500	0	29,500	0	0
Wilmington Asphalt Plant	6,300	0	6,500	0	5,000	0	0	0	0
Wilmington Refinery	85,000	0	87,000	0	46,000	28,800	0	0	0
Colorado	103,000	0	110,500	0	33,500	0	0	0	0
Suncor Energy (USA) Inc									
Commerce City East	36,000	0	38,000	0	8,500	0	0	0	0
Commerce City West	67,000	0	72,500	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
Chevron USA Inc									
Honolulu	54,000	0	57,000	0	31,000	0	0	0	0
Hawaii Independent Energy LLC									
Ewa Beach	93,500	0	95,000	0	40,000	0	0	11,000	0
Illinois	940,540	22,000	1,000,200	23,000	471,900	212,800	0	0	0
ExxonMobil Refining & Supply Co									
Joliet	238,600	0	260,000	0	126,700	59,400	0	0	0
Marathon Petroleum Co LP									
Robinson	212,000	0	225,000	0	71,500	30,000	0	0	0
PDV Midwest Refining LLC									
Lemont	175,940	0	185,200	0	77,200	40,400	0	0	0
WRB Refining LP									
Wood River	314,000	22,000	330,000	23,000	196,500	83,000	0	0	0
Indiana	440,600	0	458,800	0	277,900	102,000	0	0	0
BP Products North America Inc									
Whiting	413,500	0	430,000	0	263,900	102,000	0	0	0
Countrymark Cooperative Inc									
Mount Vernon	27,100	0	28,800	0	14,000	0	0	0	0
Kansas	339,000	0	355,000	0	148,000	69,000	0	0	0
CHS McPherson Refinery Inc									
McPherson	86,000	0	89,000	0	38,000	25,000	0	0	0
Coffeyville Resources Rfg & Mktg									
Coffeyville	115,000	0	125,000	0	46,000	25,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	716,300	13,400	191,800	296,600	0	205,800	216,700	56,000
Shell Oil Products US Martinez	72,000	0	42,300	0	0	31,000	0	0
Tesoro Refining & Marketing Co Carson	102,500	0	55,000	0	0	0	43,000	0
Martinez	72,000	1,000	0	37,000	0	26,000	0	0
Wilmington	35,000	0	10,000	23,000	0	0	33,000	0
Valero Refining Co California Benicia	75,300	0	34,000	0	0	0	37,200	0
Wilmington Asphalt Plant	0	0	0	0	0	0	0	0
Wilmington Refinery	56,300	0	0	0	0	18,000	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	22,000	0	2,000	18,000	0	13,500	0	0
Chevron USA Inc Honolulu	22,000	0	0	0	0	0	0	0
Hawaii Independent Energy LLC Ewa Beach	0	0	2,000	18,000	0	13,500	0	0
Illinois	324,300	0	0	92,000	0	212,800	34,900	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	38,000	0	80,500	0	0
PDV Midwest Refining LLC Lemont	69,500	0	0	0	0	0	34,900	0
WRB Refining LP Wood River	101,000	0	0	54,000	0	79,700	0	0
Indiana	183,200	7,200	0	0	0	6,500	65,000	0
BP Products North America Inc Whiting	175,000	7,000	0	0	0	0	65,000	0
Countrymark Cooperative Inc Mount Vernon	8,200	200	0	0	0	6,500	0	0
Kansas	104,000	500	0	38,500	0	57,500	23,500	0
CHS McPherson Refinery Inc McPherson	24,000	500	0	38,500	0	24,000	0	0
Coffeyville Resources Rfg & Mktg Coffeyville	36,000	0	0	0	0	26,000	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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	443,100	270,500	198,100	339,300	122,100	0	723,000	70,200
Shell Oil Products US								
Martinez	27,500	92,500	0	0	49,000	0	84,500	14,500
Tesoro Refining & Marketing Co								
Carson	45,000	27,000	10,000	21,000	0	0	95,000	0
Martinez	27,000	43,000	0	40,000	18,500	0	69,500	0
Wilmington	34,000	0	19,000	10,000	23,000	0	45,000	0
Valero Refining Co California								
Benicia	30,000	43,200	15,400	15,000	5,000	0	39,000	21,700
Wilmington Asphalt Plant	0	0	0	0	0	0	0	0
Wilmington Refinery	32,000	0	0	45,000	0	0	67,000	0
Colorado	21,900	0	12,100	21,000	0	0	30,000	0
Suncor Energy (USA) Inc								
Commerce City East	11,000	0	0	0	0	0	0	0
Commerce City West	10,900	0	12,100	21,000	0	0	30,000	0
Delaware	50,000	32,000	16,500	52,000	0	0	0	0
Delaware City Refining Co LLC								
Delaware City	50,000	32,000	16,500	52,000	0	0	0	0
Hawaii	13,000	0	0	0	0	0	0	3,500
Chevron USA Inc								
Honolulu	0	0	0	0	0	0	0	3,500
Hawaii Independent Energy LLC								
Ewa Beach	13,000	0	0	0	0	0	0	0
Illinois	432,000	115,500	66,950	315,400	0	0	0	6,800
ExxonMobil Refining & Supply Co								
Joliet	169,500	0	0	85,100	0	0	0	0
Marathon Petroleum Co LP								
Robinson	68,000	41,500	0	79,500	0	0	0	0
PDV Midwest Refining LLC								
Lemont	110,200	0	13,700	94,500	0	0	0	6,800
WRB Refining LP								
Wood River	84,300	74,000	53,250	56,300	0	0	0	0
Indiana	78,000	6,500	46,000	134,500	0	0	204,000	0
BP Products North America Inc								
Whiting	69,000	0	46,000	120,800	0	0	204,000	0
Countrymark Cooperative Inc								
Mount Vernon	9,000	6,500	0	13,700	0	0	0	0
Kansas	122,500	22,000	21,000	127,200	27,000	0	50,000	0
CHS McPherson Refinery Inc								
McPherson	38,000	0	0	43,200	0	0	0	0
Coffeyville Resources Rfg & Mktg								
Coffeyville	36,000	22,000	9,000	30,000	27,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Kansas	339,000	0	355,000	0	148,000	69,000	0	0	0
HollyFrontier El Dorado Refining LLC El Dorado	138,000	0	141,000	0	64,000	19,000	0	0	0
Kentucky	278,500	0	298,300	0	122,000	0	0	0	0
Continental Refining Company LLC Somerset	5,500	0	6,300	0	0	0	0	0	0
Marathon Petroleum Co LP Catlettsburg	273,000	0	292,000	0	122,000	0	0	0	0
Louisiana	3,348,820	0	3,504,355	0	1,761,000	553,500	0	0	10,600
Alon Refining Krotz Springs Inc Krotz Springs	80,000	0	83,000	0	36,200	0	0	0	0
Calcasieu Refining Co Lake Charles	89,000	0	90,000	0	30,000	0	0	0	0
Calumet Lubricants Co LP Cotton Valley	13,020	0	14,000	0	0	0	0	0	0
Princeton	8,300	0	8,655	0	7,000	0	0	0	0
Calumet Shreveport LLC Shreveport	57,000	0	60,000	0	28,000	0	0	0	0
Chalmette Refining LLC Chalmette	192,500	0	197,000	0	169,000	28,000	0	0	0
Citgo Petroleum Corp Lake Charles	427,800	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	502,500	0	523,200	0	246,100	123,500	0	0	0
Marathon Petroleum Co LP Garyville	539,000	0	574,000	0	297,000	93,500	0	0	0
Motiva Enterprises LLC Convent	235,000	0	255,000	0	119,400	0	0	0	0
Norco	237,700	0	250,000	0	91,300	28,500	0	0	0
Phillips 66 Company Belle Chasse	247,000	0	260,000	0	103,000	26,000	0	0	0
Westlake	260,000	0	273,000	0	132,000	60,000	0	0	10,600
Placid Refining Co Port Allen	75,000	0	82,500	0	27,000	0	0	0	0
Shell Oil Products US Saint Rose	45,000	0	46,000	0	25,000	0	0	0	0
Valero Energy Corporation 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	160,000	84,000	0	0	0
Michigan	132,000	0	144,000	0	77,500	30,000	0	0	0
Marathon Petroleum Co LP Detroit	132,000	0	144,000	0	77,500	30,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Kansas	104,000	500	0	38,500	0	57,500	23,500	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	21,500	32,300	13,000
Continental Refining Company LLC Somerset	0	0	0	0	0	0	1,300	0
Marathon Petroleum Co LP Catlettsburg	104,000	0	0	0	0	21,500	31,000	13,000
Louisiana	1,130,900	5,500	55,000	370,100	52,000	501,290	106,200	71,000
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 Lubricants Co LP Cotton Valley	0	0	0	0	0	0	0	0
Princeton	0	0	0	0	0	0	0	0
Calumet Shreveport LLC Shreveport	0	0	0	0	0	12,000	0	0
Chalmette Refining LLC Chalmette	75,600	0	0	0	0	22,700	0	0
Citgo Petroleum Corp Lake Charles	148,000	3,000	0	47,400	0	59,600	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	76,000	0	0
Marathon Petroleum Co LP Garyville	138,000	0	0	117,000	0	128,000	0	38,000
Motiva Enterprises LLC Convent	92,000	0	0	0	52,000	0	40,000	0
Norco	118,800	0	0	44,000	0	40,000	0	0
Phillips 66 Company Belle Chasse	105,000	2,000	0	0	0	48,490	0	0
Westlake	50,000	0	0	0	0	44,000	0	0
Placid Refining Co Port Allen	25,000	500	0	0	0	11,000	0	11,000
Shell Oil Products US Saint Rose	0	0	0	0	0	0	0	0
Valero Energy Corporation Meraux	0	0	0	48,700	0	32,000	0	22,000
Valero Refining New Orleans LLC Norco	100,000	0	28,000	70,000	0	27,500	0	0
Michigan	40,000	0	0	0	0	21,500	0	0
Marathon Petroleum Co LP Detroit	40,000	0	0	0	0	21,500	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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
Kansas	122,500	22,000	21,000	127,200	27,000	0	50,000	0
HollyFrontier El Dorado Refining LLC El Dorado	48,500	0	12,000	54,000	0	0	50,000	0
Kentucky	54,800	0	31,000	78,350	0	0	107,000	0
Continental Refining Company LLC Somerset	1,300	0	0	850	0	0	0	0
Marathon Petroleum Co LP Catlettsburg	53,500	0	31,000	77,500	0	0	107,000	0
Louisiana	699,340	759,900	240,200	891,300	44,000	12,500	305,700	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 Lubricants Co LP Cotton Valley	6,200	0	0	0	0	0	0	0
Princeton	0	0	0	0	0	0	0	0
Calumet Shreveport LLC Shreveport	16,000	0	0	14,000	0	0	21,100	1,200
Chalmette Refining LLC Chalmette	22,400	44,000	0	31,000	0	0	65,600	0
Citgo Petroleum Corp Lake Charles	127,000	85,400	68,000	100,000	0	0	0	23,800
Excel Paralubes Westlake	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge	76,000	238,000	0	202,500	0	0	0	0
Marathon Petroleum Co LP Garyville	108,000	114,000	80,000	159,000	0	0	106,000	0
Motiva Enterprises LLC Convent	98,000	0	39,800	70,000	0	0	40,000	0
Norco	38,500	77,000	0	70,000	0	0	0	0
Phillips 66 Company Belle Chasse	50,540	65,000	0	74,800	0	0	0	0
Westlake	50,000	38,500	24,000	55,000	0	12,500	49,000	0
Placid Refining Co Port Allen	11,000	20,000	0	25,000	0	0	0	0
Shell Oil Products US Saint Rose	0	0	0	0	0	0	0	0
Valero Energy Corporation Meraux	37,700	0	16,400	40,000	0	0	0	0
Valero Refining New Orleans LLC Norco	44,000	60,000	12,000	50,000	44,000	0	24,000	0
Michigan	33,500	0	7,000	46,000	0	0	43,500	0
Marathon Petroleum Co LP Detroit	33,500	0	7,000	46,000	0	0	43,500	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Minnesota	378,900	0	436,800	0	278,000	67,000	0	0	0
Flint Hills Resources LP									
Saint Paul	290,000	0	339,000	0	234,000	67,000	0	0	0
St Paul Park Refining Co LLC									
Saint Paul	88,900	0	97,800	0	44,000	0	0	0	0
Mississippi	364,000	0	397,500	0	338,875	105,000	0	0	0
Chevron USA Inc									
Pascagoula	330,000	0	360,000	0	314,000	105,000	0	0	0
Ergon Refining Inc									
Vicksburg	23,000	0	25,000	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	203,600	9,600	212,400	10,000	115,000	36,700	10,400	0	0
Calumet Montana Refining LLC									
Great Falls	24,000	9,600	25,000	10,000	20,000	0	0	0	0
Cenex Harvest States Coop									
Laurel	59,600	0	61,100	0	29,000	15,000	0	0	0
ExxonMobil Refining & Supply Co									
Billings	60,000	0	62,900	0	28,900	0	10,400	0	0
Phillips 66 Company									
Billings	60,000	0	63,400	0	37,100	21,700	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	440,000	32,000	460,000	35,000	197,000	27,000	0	0	0
Axeon Specialty Products LLC									
Paulsboro	42,000	32,000	43,000	35,000	32,000	0	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	238,000	0	251,000	0	75,000	0	0	0	0
New Mexico	127,500	0	141,000	0	29,600	0	0	0	0
HollyFrontier Navajo Refining LLC									
Artesia	102,000	0	115,000	0	29,600	0	0	0	0
Western Refining Southwest Inc									
Gallup	25,500	0	26,000	0	0	0	0	0	0
North Dakota	93,360	0	94,600	0	0	0	0	0	0
Dakota Prairie Refining LLC									
Dickinson	19,500	0	20,000	0	0	0	0	0	0
Tesoro West Coast									
Mandan	73,860	0	74,600	0	0	0	0	0	0
Ohio	558,000	0	618,000	0	159,500	58,000	0	0	0
BP-Husky Refining LLC									
Toledo	153,000	0	160,000	0	71,500	35,000	0	0	0
Lima Refining Company									
Lima	152,000	0	170,000	0	53,000	23,000	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Minnesota	115,500	2,500	50,000	0	0	37,000	38,300	0
Flint Hills Resources LP Saint Paul	87,000	0	50,000	0	0	37,000	13,800	0
St Paul Park Refining Co LLC Saint Paul	28,500	2,500	0	0	0	0	24,500	0
Mississippi	88,000	0	0	117,500	0	61,600	34,000	0
Chevron USA Inc Pascagoula	88,000	0	0	117,500	0	61,600	34,000	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	64,660	990	6,200	24,000	0	12,500	27,050	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	21,500	990	0	0	0	0	13,550	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	64,000	0	22,000
Axeon Specialty Products LLC Paulsboro	0	0	0	0	0	0	0	0
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	32,000	0	22,000
New Mexico	35,500	3,000	0	0	0	24,000	7,300	0
HollyFrontier Navajo Refining LLC Artesia	27,000	0	0	0	0	24,000	0	0
Western Refining Southwest Inc Gallup	8,500	3,000	0	0	0	0	7,300	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 West Coast Mandan	27,000	3,600	0	0	0	0	12,500	0
Ohio	208,300	0	52,000	31,000	0	63,500	106,800	0
BP-Husky Refining LLC Toledo	55,000	0	0	31,000	0	42,000	0	0
Lima Refining Company Lima	45,300	0	0	0	0	0	55,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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
Minnesota	74,800	49,700	53,600	93,500	9,000	0	144,500	0
Flint Hills Resources LP								
Saint Paul	49,800	49,700	43,500	62,000	9,000	0	115,000	0
St Paul Park Refining Co LLC								
Saint Paul	25,000	0	10,100	31,500	0	0	29,500	0
Mississippi	57,300	0	30,000	37,200	0	0	104,000	70,800
Chevron USA Inc								
Pascagoula	57,300	0	30,000	35,000	0	0	104,000	50,000
Ergon Refining Inc								
Vicksburg	0	0	0	2,200	0	0	0	20,800
Hunt Southland Refining Co								
Sandersville	0	0	0	0	0	0	0	0
Montana	46,950	26,500	18,400	46,750	25,000	0	45,760	7,900
Calumet Montana Refining LLC								
Great Falls	2,500	0	5,000	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	13,550	6,000	5,800	29,750	0	0	25,760	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
Axeon Specialty Products LLC								
Paulsboro	0	0	0	0	0	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	43,600	0	12,000	45,500	0	0	51,000	0
HollyFrontier Navajo Refining LLC								
Artesia	36,000	0	12,000	41,000	0	0	51,000	0
Western Refining Southwest Inc								
Gallup	7,600	0	0	4,500	0	0	0	0
North Dakota	13,600	0	0	31,800	5,700	0	0	0
Dakota Prairie Refining LLC								
Dickinson	0	0	0	8,000	0	0	0	0
Tesoro West Coast								
Mandan	13,600	0	0	23,800	5,700	0	0	0
Ohio	179,400	107,000	69,500	81,500	0	0	78,000	0
BP-Husky Refining LLC								
Toledo	40,000	0	0	22,000	0	0	51,000	0
Lima Refining Company								
Lima	63,000	35,000	24,000	36,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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
Ohio	558,000	0	618,000	0	159,500	58,000	0	0	0
Marathon Petroleum Co LP									
Canton	93,000	0	100,000	0	35,000	0	0	0	0
Toledo Refining Co LLC									
Toledo	160,000	0	188,000	0	0	0	0	0	0
Oklahoma	511,300	0	547,247	0	219,554	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	90,000	0	32,000	11,000	0	0	0
Phillips 66 Company									
Ponca City	200,000	0	218,747	0	88,254	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	70,000	0	75,000	0	40,300	0	0	0	0
Pennsylvania	601,000	0	644,800	0	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	335,000	0	355,000	0	163,200	0	0	0	0
United Refining Co									
Warren	65,000	0	70,000	0	40,000	0	0	0	0
Tennessee	190,000	0	195,000	0	0	0	0	0	0
Premcor Refining Group Inc									
Memphis	190,000	0	195,000	0	0	0	0	0	0
Texas	5,452,250	0	5,841,700	0	2,605,000	893,080	42,000	0	0
Alon USA Energy Inc									
Big Spring	73,000	0	74,000	0	24,000	0	0	0	0
Buckeye Texas Processing LLC									
Corpus Christi	46,250	0	50,000	0	0	0	0	0	0
Calumet Lubricants Co									
San Antonio	20,000	0	21,000	0	0	0	0	0	0
Citgo Refining & Chemical Inc									
Corpus Christi	157,500	0	163,500	0	85,300	44,900	0	0	0
Deer Park Refining LTD Partnership									
Deer Park	285,500	0	340,000	0	180,000	90,000	0	0	0
Delek Refining LTD									
Tyler	72,000	0	75,000	0	28,000	6,500	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	344,600	0	359,200	0	148,800	48,000	0	0	0
Flint Hills Resources LP									
Corpus Christi	295,630	0	304,000	0	87,500	15,500	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Ohio	208,300	0	52,000	31,000	0	63,500	106,800	0
Marathon Petroleum Co LP Canton	26,000	0	0	0	0	21,500	0	0
Toledo Refining Co LLC Toledo	82,000	0	52,000	0	0	0	51,800	0
Oklahoma	151,813	2,000	14,000	18,200	0	61,500	53,593	4,850
HollyFrontier Tulsa Refining LLC Tulsa East	25,000	2,000	0	0	0	23,000	0	0
Tulsa West	0	0	0	0	0	0	0	0
Phillips 66 Company Ponca City	74,613	0	0	0	0	0	53,593	0
Valero Refining Co Oklahoma Ardmore	30,000	0	14,000	0	0	20,500	0	0
Wynnewood Refining Co Wynnewood	22,200	0	0	18,200	0	18,000	0	4,850
Pennsylvania	216,500	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	138,500	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
Premcor Refining Group Inc Memphis	70,000	0	26,500	0	0	36,000	0	0
Texas	1,842,450	25,000	251,300	370,000	75,000	962,200	115,280	166,000
Alon USA Energy Inc Big Spring	25,000	0	0	0	0	21,000	0	10,000
Buckeye Texas Processing LLC Corpus Christi	0	0	0	0	0	0	0	0
Calumet Lubricants Co San Antonio	0	0	0	0	0	0	6,000	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	45,000	24,500	0
Delek Refining LTD Tyler	20,250	0	0	0	0	13,000	4,500	0
Equistar Chemicals LP Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baytown	215,000	8,000	29,900	0	0	123,500	0	47,000
Beaumont	117,700	0	65,500	0	0	146,000	0	0
Flint Hills Resources LP Corpus Christi	110,000	0	15,000	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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
Ohio	179,400	107,000	69,500	81,500	0	0	78,000	0
Marathon Petroleum Co LP								
Canton	30,500	0	13,500	23,500	0	0	27,000	0
Toledo Refining Co LLC								
Toledo	45,900	72,000	32,000	0	0	0	0	0
Oklahoma	157,493	97,984	18,500	134,581	34,355	0	58,338	35,548
HollyFrontier Tulsa Refining LLC								
Tulsa East	22,000	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	53,593	53,984	18,500	31,981	34,355	0	23,888	13,948
Valero Refining Co Oklahoma								
Ardmore	27,000	0	0	32,000	0	0	34,450	0
Wynnewood Refining Co								
Wynnewood	26,900	15,000	0	25,600	0	0	0	0
Pennsylvania	192,700	93,300	5,000	70,300	163,000	0	0	0
American Refining Group Inc								
Bradford	3,600	0	0	0	0	0	0	0
Monroe Energy LLC								
Trainer	77,100	23,300	0	53,300	0	0	0	0
Philadelphia Energy Solutions								
Philadelphia	88,000	65,000	0	0	163,000	0	0	0
United Refining Co								
Warren	24,000	5,000	5,000	17,000	0	0	0	0
Tennessee	52,000	39,000	0	38,000	0	0	0	0
Premcor Refining Group Inc								
Memphis	52,000	39,000	0	38,000	0	0	0	0
Texas	1,400,590	985,500	628,800	1,294,925	61,000	233,500	949,740	128,800
Alon USA Energy Inc								
Big Spring	25,500	0	5,000	23,000	0	0	6,500	0
Buckeye Texas Processing LLC								
Corpus Christi	0	0	0	0	0	0	0	0
Calumet Lubricants Co								
San Antonio	6,000	0	0	7,000	0	0	0	0
Citgo Refining & Chemical Inc								
Corpus Christi	52,800	36,500	0	92,600	0	0	71,900	0
Deer Park Refining LTD Partnership								
Deer Park	75,500	43,000	40,000	0	45,000	49,500	80,000	43,000
Delek Refining LTD								
Tyler	28,000	13,000	0	36,000	0	0	0	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	159,800	25,000	51,000	42,000	0	0	0	23,600
Flint Hills Resources LP								
Corpus Christi	85,800	75,000	54,000	73,000	0	0	54,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	5,452,250	0	5,841,700	0	2,605,000	893,080	42,000	0	0
Houston Refining LP									
Houston	263,776	0	302,300	0	202,000	99,500	0	0	0
Kinder Morgan Crude & Condensate									
Galena Park	84,000	0	100,000	0	0	0	0	0	0
Lazarus Energy LLC									
Nixon	13,765	0	15,000	0	0	0	0	0	0
Marathon Petroleum Co LP									
Galveston Bay	459,000	0	481,000	0	237,000	33,000	0	0	0
Texas City	86,000	0	89,500	0	0	0	0	0	0
Motiva Enterprises LLC									
Port Arthur	603,000	0	635,000	0	331,800	164,500	0	0	0
Pasadena Refining Systems Inc									
Pasadena	112,229	0	115,700	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	247,000	0	260,000	0	132,100	78,700	0	0	0
Premcor Refining Group Inc									
Port Arthur	335,000	0	415,000	0	220,000	99,600	0	0	0
South Hampton Resources Inc									
Silsbee	0	0	0	0	0	0	0	0	0
Total Petrochemicals & Refining USA									
Port Arthur	225,500	0	245,000	0	105,300	60,000	0	0	0
Valero Energy Corporation									
Sunray	168,000	0	172,000	0	50,000	0	0	0	0
Three Rivers	89,000	0	91,000	0	33,500	0	0	0	0
Valero Refining Co Texas LP									
Corpus Christi	293,000	0	300,000	0	97,000	17,000	0	0	0
Houston	100,000	0	103,000	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	122,000	0	134,000	0	56,200	0	0	0	0
WRB Refining LP									
Borger	146,000	0	154,000	0	80,000	28,380	0	0	0
Utah	181,050	0	193,100	0	34,500	9,000	0	0	0
Big West Oil Co									
North Salt Lake	30,500	0	32,000	0	0	0	0	0	0
Chevron USA Inc									
Salt Lake City	53,000	0	56,000	0	27,500	9,000	0	0	0
HollyFrontier Woods Cross Refining LLC									
Woods Cross	25,050	0	26,400	0	0	0	0	0	0
Silver Eagle Refining									
Woods Cross	15,000	0	15,700	0	7,000	0	0	0	0
Tesoro West Coast									
Salt Lake City	57,500	0	63,000	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	1,842,450	25,000	251,300	370,000	75,000	962,200	115,280	166,000
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
Marathon Petroleum Co LP								
Galveston Bay	200,500	0	69,000	0	75,000	138,000	0	17,000
Texas City	58,500	0	0	0	0	0	11,000	0
Motiva Enterprises LLC								
Port Arthur	90,000	0	0	82,000	0	129,500	0	0
Pasadena Refining Systems Inc								
Pasadena	52,000	0	0	0	0	22,000	0	0
Petromax Refining Co LLC								
Houston	0	0	0	0	0	0	0	0
Phillips 66 Company								
Sweeny	107,700	12,000	0	0	0	37,500	0	0
Premcor Refining Group Inc								
Port Arthur	75,000	0	0	123,000	0	55,000	0	0
South Hampton Resources Inc								
Silsbee	0	0	0	0	0	1,600	0	0
Total Petrochemicals & Refining USA								
Port Arthur	80,000	0	0	0	0	43,000	0	15,500
Valero Energy Corporation								
Sunray	54,500	0	0	27,000	0	29,000	18,000	14,500
Three Rivers	23,500	0	0	28,000	0	23,500	10,000	10,500
Valero Refining Co Texas LP								
Corpus Christi	95,500	0	0	50,000	0	39,000	10,000	0
Houston	71,500	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	26,000	0	0
WRB Refining LP								
Borger	56,000	0	0	0	0	0	31,280	0
Utah	61,860	3,000	0	9,000	0	0	36,800	6,000
Big West Oil Co								
North Salt Lake	11,500	0	0	0	0	0	8,500	0
Chevron USA Inc								
Salt Lake City	15,000	0	0	0	0	0	8,500	0
HollyFrontier Woods Cross Refining LLC								
Woods Cross	9,360	0	0	9,000	0	0	8,400	6,000
Silver Eagle Refining								
Woods Cross	0	0	0	0	0	0	0	0
Tesoro West Coast								
Salt Lake City	26,000	3,000	0	0	0	0	11,400	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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	1,400,590	985,500	628,800	1,294,925	61,000	233,500	949,740	128,800
Houston Refining LP								
Houston	60,500	76,000	43,500	92,175	0	0	116,100	5,200
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
Marathon Petroleum Co LP								
Galveston Bay	121,000	57,000	79,000	55,000	0	0	105,000	0
Texas City	0	0	0	0	0	0	0	0
Motiva Enterprises LLC								
Port Arthur	163,150	55,000	78,000	153,300	0	0	50,000	0
Pasadena Refining Systems Inc								
Pasadena	22,000	40,000	0	0	16,000	0	0	0
Petromax Refining Co LLC								
Houston	0	0	0	0	0	0	0	0
Phillips 66 Company								
Sweeny	67,300	8,700	0	123,700	0	0	107,000	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
Total Petrochemicals & Refining USA								
Port Arthur	57,500	51,600	31,000	70,000	0	0	54,400	0
Valero Energy Corporation								
Sunray	43,000	39,600	0	47,500	0	0	0	0
Three Rivers	24,000	0	10,000	25,000	0	0	20,000	0
Valero Refining Co Texas LP								
Corpus Christi	64,000	60,000	11,000	63,250	0	74,000	30,000	0
Houston	9,000	32,900	14,100	0	0	0	0	0
Texas City	25,000	61,500	28,000	55,000	0	110,000	0	6,500
Western Refining Company LP								
El Paso	30,000	29,700	10,000	50,000	0	0	0	0
WRB Refining LP								
Borger	65,540	0	8,500	35,500	0	0	77,840	0
Utah	44,700	8,000	2,900	49,800	28,800	0	0	7,200
Big West Oil Co								
North Salt Lake	11,500	0	0	11,000	0	0	0	0
Chevron USA Inc								
Salt Lake City	8,300	0	0	13,300	18,000	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 West Coast								
Salt Lake City	11,400	8,000	0	22,500	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Washington	633,700	0	659,500	0	294,700	82,800	0	0	0
BP West Coast Products LLC Ferndale	227,000	0	236,000	0	112,000	57,500	0	0	0
Phillips 66 Company Ferndale	101,000	0	107,500	0	50,700	0	0	0	0
Shell Oil Products US Anacortes	145,000	0	149,000	0	65,800	25,300	0	0	0
Tesoro West Coast Anacortes	120,000	0	125,000	0	47,000	0	0	0	0
US Oil & Refining Co Tacoma	40,700	0	42,000	0	19,200	0	0	0	0
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	38,000	0	50,000	0	20,500	0	0	0	0
Calumet Lubricants Co LP Superior	38,000	0	50,000	0	20,500	0	0	0	0
Wyoming	177,500	3,800	189,400	4,500	72,500	33,700	0	0	0
Antelope Refining LLC Douglas	0	3,800	0	4,500	3,500	0	0	0	0
HollyFrontier Cheyenne Refining LLC Cheyenne	47,000	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	85,000	0	90,000	0	41,000	20,000	0	0	0
Wyoming Refining Co New Castle	18,000	0	18,500	0	0	0	0	0	0
U.S. Total	18,165,136	151,900	19,345,102	162,500	9,073,285	2,797,765	158,900	16,000	10,600

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(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	
Washington	148,400	3,000	0	65,000	0	109,400	28,500	24,300
BP West Coast Products LLC Ferdale	0	0	0	65,000	0	65,000	0	0
Phillips 66 Company Ferdale	38,500	0	0	0	0	18,400	0	0
Shell Oil Products US Anacortes	57,900	0	0	0	0	0	21,700	0
Tesoro West Coast Anacortes	52,000	3,000	0	0	0	26,000	0	24,300
US Oil & Refining Co Tacoma	0	0	0	0	0	0	6,800	0
West Virginia	0	0	0	0	0	3,950	0	0
Ergon West Virginia Inc Newell	0	0	0	0	0	3,950	0	0
Wisconsin	11,000	0	0	0	0	8,000	0	0
Calumet Lubricants Co LP Superior	11,000	0	0	0	0	8,000	0	0
Wyoming	53,500	500	15,600	0	0	14,200	21,400	0
Antelope Refining LLC Douglas	0	0	0	0	0	0	0	0
HollyFrontier Cheyenne Refining LLC Cheyenne	12,500	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	15,600	0	0	0	14,500	0
Wyoming Refining Co New Castle	7,500	0	0	0	0	0	4,000	0
U.S. Total	6,052,183	75,690	687,400	1,503,200	127,000	2,658,740	1,084,323	370,550

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2016
(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
Washington	176,100	90,300	39,000	162,500	0	0	0	0
BP West Coast Products LLC Ferndale	74,000	0	20,000	55,000	0	0	0	0
Phillips 66 Company Ferndale	19,000	22,100	0	32,300	0	0	0	0
Shell Oil Products US Anacortes	33,500	35,700	19,000	40,700	0	0	0	0
Tesoro West Coast Anacortes	39,200	32,500	0	26,300	0	0	0	0
US Oil & Refining Co Tacoma	10,400	0	0	8,200	0	0	0	0
West Virginia	4,300	0	0	9,000	0	0	6,300	0
Ergon West Virginia Inc Newell	4,300	0	0	9,000	0	0	6,300	0
Wisconsin	11,000	7,500	7,700	6,500	0	0	0	0
Calumet Lubricants Co LP Superior	11,000	7,500	7,700	6,500	0	0	0	0
Wyoming	44,400	16,500	15,000	52,500	0	0	20,000	0
Antelope Refining LLC Douglas	0	0	0	0	0	0	0	0
HollyFrontier Cheyenne Refining LLC Cheyenne	10,000	10,000	0	18,000	0	0	0	0
Little America Refining Co Evansville	7,500	6,500	0	10,500	0	0	0	0
Silver Eagle Refining Evanston	3,900	0	0	0	0	0	0	0
Sinclair Wyoming Refining Co Sinclair	19,000	0	15,000	18,000	0	0	20,000	0
Wyoming Refining Co New Castle	4,000	0	0	6,000	0	0	0	0
U.S. Total	4,614,073	2,773,434	1,570,850	4,375,906	561,455	246,000	2,971,838	369,248

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."