

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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
<b>Alabama</b> .....	<b>141,675</b>	<b>0</b>	<b>150,500</b>	<b>0</b>	<b>47,000</b>	<b>32,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Goodway Refining LLC									
Atmore .....	4,100	0	5,000	0	0	0	0	0	0
Hunt Refining Co									
Tuscaloosa .....	46,000	0	50,000	0	18,000	32,000	0	0	0
Shell Chemical LP									
Saraland .....	91,575	0	95,500	0	29,000	0	0	0	0
<b>Alaska</b> .....	<b>158,400</b>	<b>0</b>	<b>178,500</b>	<b>0</b>	<b>26,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
BP Exploration Alaska Inc									
Prudhoe Bay .....	6,000	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 .....	62,700	0	72,000	0	26,000	0	0	0	0
<b>Arkansas</b> .....	<b>90,500</b>	<b>0</b>	<b>92,700</b>	<b>0</b>	<b>48,850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>California</b> .....	<b>1,892,471</b>	<b>0</b>	<b>2,014,400</b>	<b>0</b>	<b>1,199,756</b>	<b>459,300</b>	<b>52,000</b>	<b>5,000</b>	<b>0</b>
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 .....	9,500	0	10,000	0	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 .....	243,800	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

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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	
<b>Alabama</b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,500</b>	<b>0</b>	<b>15,300</b>	<b>22,000</b>	<b>0</b>
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
<b>Alaska</b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,500</b>	<b>0</b>	<b>13,500</b>	<b>0</b>	<b>0</b>
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	12,500	0	13,500	0	0
<b>Arkansas</b> .....	<b>21,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,300</b>	<b>0</b>	<b>7,400</b>
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
<b>California</b> .....	<b>718,500</b>	<b>14,600</b>	<b>197,700</b>	<b>283,400</b>	<b>0</b>	<b>197,800</b>	<b>210,700</b>	<b>56,000</b>
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	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
Shell Oil Products US								
Martinez .....	72,000	0	42,900	0	0	31,000	0	0
Tesoro Refining & Marketing Co								
Carson .....	102,500	0	55,000	0	0	0	47,000	0
Martinez .....	72,000	1,000	0	37,000	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
<b>Alabama</b> .....	<b>40,100</b>	<b>0</b>	<b>20,500</b>	<b>30,000</b>	<b>24,000</b>	<b>0</b>	<b>10,500</b>	<b>0</b>
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
<b>Alaska</b> .....	<b>13,000</b>	<b>0</b>	<b>0</b>	<b>11,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>Arkansas</b> .....	<b>20,000</b>	<b>8,750</b>	<b>0</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>21,000</b>	<b>13,500</b>
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
<b>California</b> .....	<b>424,200</b>	<b>280,500</b>	<b>194,800</b>	<b>335,100</b>	<b>123,100</b>	<b>0</b>	<b>704,100</b>	<b>70,200</b>
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 .....	45,000	37,000	10,000	22,000	0	0	95,000	0
Martinez .....	27,000	43,000	0	40,000	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
<b>California</b>	<b>1,892,471</b>	<b>0</b>	<b>2,014,400</b>	<b>0</b>	<b>1,199,756</b>	<b>459,300</b>	<b>52,000</b>	<b>5,000</b>	<b>0</b>
Tesoro Refining & Marketing Co Wilmington	97,500	0	107,000	0	65,000	42,000	0	0	0
Torrance Refining Co LLC Torrance	160,000	0	166,200	0	102,300	62,000	0	0	0
Ultramar Inc Wilmington	85,000	0	87,000	0	46,000	28,800	0	0	0
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
<b>Colorado</b>	<b>103,000</b>	<b>0</b>	<b>111,500</b>	<b>0</b>	<b>33,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Suncor Energy (USA) Inc Commerce City	103,000	0	111,500	0	33,500	0	0	0	0
<b>Delaware</b>	<b>182,200</b>	<b>0</b>	<b>190,200</b>	<b>0</b>	<b>104,600</b>	<b>0</b>	<b>54,500</b>	<b>0</b>	<b>0</b>
Delaware City Refining Co LLC Delaware City	182,200	0	190,200	0	104,600	0	54,500	0	0
<b>Hawaii</b>	<b>147,500</b>	<b>0</b>	<b>152,000</b>	<b>0</b>	<b>71,000</b>	<b>0</b>	<b>0</b>	<b>11,000</b>	<b>0</b>
Island Energy Services Downstream Honolulu	54,000	0	57,000	0	31,000	0	0	0	0
Par Hawaii Refining LLC Kapolei	93,500	0	95,000	0	40,000	0	0	11,000	0
<b>Illinois</b>	<b>976,865</b>	<b>22,000</b>	<b>1,051,700</b>	<b>23,000</b>	<b>475,400</b>	<b>211,700</b>	<b>0</b>	<b>0</b>	<b>0</b>
ExxonMobil Refining & Supply Co Joliet	238,600	0	275,000	0	126,700	57,500	0	0	0
Marathon Petroleum Co LP Robinson	245,000	0	258,000	0	75,000	30,500	0	0	0
PDV Midwest Refining LLC Lemont	179,265	0	188,700	0	77,200	40,700	0	0	0
WRB Refining LP Wood River	314,000	22,000	330,000	23,000	196,500	83,000	0	0	0
<b>Indiana</b>	<b>442,300</b>	<b>0</b>	<b>460,800</b>	<b>0</b>	<b>277,900</b>	<b>102,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
BP Products North America Inc Whiting	413,500	0	430,000	0	263,900	102,000	0	0	0
Countrymark Cooperative Inc Mount Vernon	28,800	0	30,800	0	14,000	0	0	0	0
<b>Kansas</b>	<b>389,920</b>	<b>0</b>	<b>400,500</b>	<b>0</b>	<b>156,000</b>	<b>74,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
CHS McPherson Refinery Inc McPherson	97,920	0	102,500	0	46,000	30,000	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	160,000	0	162,000	0	64,000	19,000	0	0	0
<b>Kentucky</b>	<b>282,500</b>	<b>0</b>	<b>298,300</b>	<b>0</b>	<b>130,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Continental Refining Company LLC Somerset	5,500	0	6,300	0	0	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	
<b>California</b>	<b>718,500</b>	<b>14,600</b>	<b>197,700</b>	<b>283,400</b>	<b>0</b>	<b>197,800</b>	<b>210,700</b>	<b>56,000</b>
Tesoro Refining & Marketing Co Wilmington	35,000	0	10,000	23,000	0	0	33,000	0
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
<b>Colorado</b>	<b>30,000</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,900</b>	<b>0</b>	<b>0</b>
Suncor Energy (USA) Inc Commerce City	30,000	500	0	0	0	21,900	0	0
<b>Delaware</b>	<b>82,000</b>	<b>4,000</b>	<b>0</b>	<b>22,300</b>	<b>0</b>	<b>43,800</b>	<b>0</b>	<b>0</b>
Delaware City Refining Co LLC Delaware City	82,000	4,000	0	22,300	0	43,800	0	0
<b>Hawaii</b>	<b>22,000</b>	<b>0</b>	<b>2,000</b>	<b>18,000</b>	<b>0</b>	<b>13,500</b>	<b>0</b>	<b>0</b>
Island Energy Services Downstream Honolulu	22,000	0	0	0	0	0	0	0
Par Hawaii Refining LLC Kapolei	0	0	2,000	18,000	0	13,500	0	0
<b>Illinois</b>	<b>324,300</b>	<b>0</b>	<b>0</b>	<b>99,460</b>	<b>0</b>	<b>214,300</b>	<b>35,200</b>	<b>0</b>
ExxonMobil Refining & Supply Co Joliet	99,300	0	0	0	0	52,600	0	0
Marathon Petroleum Co LP Robinson	54,500	0	0	43,500	0	82,000	0	0
PDV Midwest Refining LLC Lemont	69,500	0	0	0	0	0	35,200	0
WRB Refining LP Wood River	101,000	0	0	55,960	0	79,700	0	0
<b>Indiana</b>	<b>183,600</b>	<b>7,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,500</b>	<b>65,000</b>	<b>0</b>
BP Products North America Inc Whiting	175,000	7,000	0	0	0	0	65,000	0
Countrymark Cooperative Inc Mount Vernon	8,600	200	0	0	0	6,500	0	0
<b>Kansas</b>	<b>104,000</b>	<b>500</b>	<b>0</b>	<b>43,000</b>	<b>0</b>	<b>58,100</b>	<b>23,500</b>	<b>0</b>
CHS McPherson Refinery Inc McPherson	24,000	500	0	43,000	0	24,600	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
<b>Kentucky</b>	<b>104,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>34,300</b>	<b>13,000</b>
Continental Refining Company LLC Somerset	0	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
<b>California</b> .....	<b>424,200</b>	<b>280,500</b>	<b>194,800</b>	<b>335,100</b>	<b>123,100</b>	<b>0</b>	<b>704,100</b>	<b>70,200</b>
Tesoro Refining & Marketing Co Wilmington .....	34,000	0	19,000	10,000	23,000	0	45,000	0
Torrance Refining Co LLC Torrance .....	25,300	0	0	19,800	0	0	108,300	0
Ultramar Inc Wilmington .....	32,000	0	0	45,000	0	0	67,000	0
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
<b>Colorado</b> .....	<b>22,000</b>	<b>0</b>	<b>12,100</b>	<b>23,330</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>0</b>
Suncor Energy (USA) Inc Commerce City .....	22,000	0	12,100	23,330	0	0	30,000	0
<b>Delaware</b> .....	<b>50,000</b>	<b>33,000</b>	<b>16,500</b>	<b>52,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Delaware City Refining Co LLC Delaware City .....	50,000	33,000	16,500	52,000	0	0	0	0
<b>Hawaii</b> .....	<b>13,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500</b>
Island Energy Services Downstream Honolulu .....	0	0	0	0	0	0	0	3,500
Par Hawaii Refining LLC Kapolei .....	13,000	0	0	0	0	0	0	0
<b>Illinois</b> .....	<b>439,400</b>	<b>115,500</b>	<b>66,950</b>	<b>328,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,800</b>
ExxonMobil Refining & Supply Co Joliet .....	169,500	0	0	78,000	0	0	0	0
Marathon Petroleum Co LP Robinson .....	74,500	41,500	0	79,500	0	0	0	0
PDV Midwest Refining LLC Lemont .....	111,100	0	13,700	94,500	0	0	0	6,800
WRB Refining LP Wood River .....	84,300	74,000	53,250	76,300	0	0	0	0
<b>Indiana</b> .....	<b>78,000</b>	<b>6,500</b>	<b>46,000</b>	<b>134,300</b>	<b>0</b>	<b>0</b>	<b>187,000</b>	<b>0</b>
BP Products North America Inc Whiting .....	69,000	0	46,000	120,800	0	0	187,000	0
Countrymark Cooperative Inc Mount Vernon .....	9,000	6,500	0	13,500	0	0	0	0
<b>Kansas</b> .....	<b>125,000</b>	<b>49,000</b>	<b>21,000</b>	<b>127,200</b>	<b>27,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>
CHS McPherson Refinery Inc McPherson .....	39,000	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
HollyFrontier El Dorado Refining LLC El Dorado .....	50,000	27,000	12,000	54,000	0	0	50,000	0
<b>Kentucky</b> .....	<b>57,800</b>	<b>0</b>	<b>31,000</b>	<b>78,500</b>	<b>0</b>	<b>0</b>	<b>107,000</b>	<b>0</b>
Continental Refining Company LLC Somerset .....	1,300	0	0	1,000	0	0	0	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
<b>Kentucky</b>	<b>282,500</b>	<b>0</b>	<b>298,300</b>	<b>0</b>	<b>130,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Marathon Petroleum Co LP Catlettsburg	277,000	0	292,000	0	130,000	0	0	0	0
<b>Louisiana</b>	<b>3,302,507</b>	<b>0</b>	<b>3,514,230</b>	<b>0</b>	<b>1,752,076</b>	<b>558,500</b>	<b>0</b>	<b>0</b>	<b>10,600</b>
Alon Refining Krotz Springs Inc Krotz Springs	80,000	0	83,000	0	36,200	0	0	0	0
Calcasieu Refining Co Lake Charles	125,000	0	126,000	0	36,000	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	190,000	0	197,000	0	169,000	30,000	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	502,500	0	523,200	0	246,100	123,500	0	0	0
Marathon Petroleum Co LP Garyville	556,000	0	586,000	0	289,000	94,500	0	0	0
Phillips 66 Company Belle Chasse	249,700	0	262,875	0	104,176	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 Convent	209,787	0	260,000	0	116,300	0	0	0	0
Norco	218,200	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
<b>Michigan</b>	<b>139,000</b>	<b>0</b>	<b>147,000</b>	<b>0</b>	<b>88,000</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Marathon Petroleum Co LP Detroit	139,000	0	147,000	0	88,000	35,000	0	0	0
<b>Minnesota</b>	<b>408,515</b>	<b>0</b>	<b>442,700</b>	<b>0</b>	<b>284,600</b>	<b>72,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Flint Hills Resources LP Saint Paul	310,000	0	339,000	0	234,000	72,000	0	0	0
St Paul Park Refining Co LLC Saint Paul	98,515	0	103,700	0	50,600	0	0	0	0
<b>Mississippi</b>	<b>389,500</b>	<b>0</b>	<b>409,800</b>	<b>0</b>	<b>338,875</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Chevron USA Inc Pascagoula	352,000	0	370,000	0	314,000	105,000	0	0	0

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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		
<b>Kentucky</b> .....	<b>104,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>34,300</b>	<b>13,000</b>
Marathon Petroleum Co LP Catlettsburg .....	104,000	0	0	0	0	0	22,000	33,000	13,000
<b>Louisiana</b> .....	<b>1,138,200</b>	<b>5,500</b>	<b>55,000</b>	<b>391,900</b>	<b>54,500</b>	<b>0</b>	<b>507,690</b>	<b>142,200</b>	<b>71,000</b>
Alon Refining Krotz Springs Inc Krotz Springs .....	34,000	0	0	0	0	0	0	13,000	0
Calcasieu Refining Co Lake Charles .....	0	0	0	0	0	0	0	0	0
Calumet Lubricants Co LP Cotton Valley .....	0	0	0	0	0	0	0	0	0
Princeton .....	0	0	0	0	0	0	0	0	0
Calumet Shreveport LLC Shreveport .....	0	0	0	0	0	0	12,000	0	0
Chalmette Refining LLC Chalmette .....	75,600	0	0	0	0	0	22,700	30,000	0
Citgo Petroleum Corp Lake Charles .....	148,000	3,000	0	51,200	0	0	60,000	53,200	0
Excel Paralubes Westlake .....	0	0	0	43,000	0	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge .....	244,500	0	27,000	0	0	0	77,000	0	0
Marathon Petroleum Co LP Garyville .....	145,000	0	0	120,000	0	0	135,500	0	38,000
Phillips 66 Company Belle Chasse .....	105,000	2,000	0	0	0	0	48,490	0	0
Westlake .....	50,000	0	0	0	0	0	44,000	0	0
Placid Refining Co Port Allen .....	25,000	500	0	0	0	0	11,000	0	11,000
Shell Oil Products US Convent .....	92,300	0	0	0	54,500	0	0	46,000	0
Norco .....	118,800	0	0	44,000	0	0	40,000	0	0
Valero Refining - Meraux LLC Meraux .....	0	0	0	48,700	0	0	32,000	0	22,000
Valero Refining New Orleans LLC Norco .....	100,000	0	28,000	85,000	0	0	25,000	0	0
<b>Michigan</b> .....	<b>41,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,500</b>	<b>0</b>	<b>0</b>
Marathon Petroleum Co LP Detroit .....	41,000	0	0	0	0	0	21,500	0	0
<b>Minnesota</b> .....	<b>122,500</b>	<b>2,500</b>	<b>67,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,000</b>	<b>38,700</b>	<b>4,500</b>
Flint Hills Resources LP Saint Paul .....	92,000	0	67,000	0	0	0	37,000	13,800	0
St Paul Park Refining Co LLC Saint Paul .....	30,500	2,500	0	0	0	0	0	24,900	4,500
<b>Mississippi</b> .....	<b>88,000</b>	<b>0</b>	<b>0</b>	<b>117,500</b>	<b>0</b>	<b>0</b>	<b>61,600</b>	<b>34,000</b>	<b>0</b>
Chevron USA Inc Pascagoula .....	88,000	0	0	117,500	0	0	61,600	34,000	0



**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**  
(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
<b>Kentucky</b> .....	<b>57,800</b>	<b>0</b>	<b>31,000</b>	<b>78,500</b>	<b>0</b>	<b>0</b>	<b>107,000</b>	<b>0</b>
Marathon Petroleum Co LP Catlettsburg .....	56,500	0	31,000	77,500	0	0	107,000	0
<b>Louisiana</b> .....	<b>715,940</b>	<b>799,590</b>	<b>242,000</b>	<b>925,100</b>	<b>44,000</b>	<b>12,500</b>	<b>305,700</b>	<b>25,000</b>
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 .....	42,000	46,000	0	35,000	0	0	65,600	0
Citgo Petroleum Corp Lake Charles .....	121,000	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	242,000	0	202,500	0	0	0	0
Marathon Petroleum Co LP Garyville .....	112,000	116,500	81,000	166,500	0	0	106,000	0
Phillips 66 Company Belle Chasse .....	50,540	71,190	0	74,800	0	0	0	0
Westlake .....	50,000	63,500	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 Convent .....	96,000	0	42,000	76,300	0	0	40,000	0
Norco .....	38,500	77,000	0	70,000	0	0	0	0
Valero Refining - Meraux LLC Meraux .....	37,700	0	15,000	40,000	0	0	0	0
Valero Refining New Orleans LLC Norco .....	45,000	60,000	12,000	66,000	44,000	0	24,000	0
<b>Michigan</b> .....	<b>34,000</b>	<b>0</b>	<b>7,000</b>	<b>46,000</b>	<b>0</b>	<b>0</b>	<b>44,500</b>	<b>0</b>
Marathon Petroleum Co LP Detroit .....	34,000	0	7,000	46,000	0	0	44,500	0
<b>Minnesota</b> .....	<b>89,700</b>	<b>51,200</b>	<b>53,600</b>	<b>95,630</b>	<b>9,000</b>	<b>0</b>	<b>145,900</b>	<b>0</b>
Flint Hills Resources LP Saint Paul .....	51,300	51,200	43,500	62,000	9,000	0	115,000	0
St Paul Park Refining Co LLC Saint Paul .....	38,400	0	10,100	33,630	0	0	30,900	0
<b>Mississippi</b> .....	<b>57,300</b>	<b>0</b>	<b>30,000</b>	<b>37,200</b>	<b>0</b>	<b>0</b>	<b>104,000</b>	<b>70,800</b>
Chevron USA Inc Pascagoula .....	57,300	0	30,000	35,000	0	0	104,000	50,000

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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
<b>Mississippi</b> .....	<b>389,500</b>	<b>0</b>	<b>409,800</b>	<b>0</b>	<b>338,875</b>	<b>105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>Montana</b> .....	<b>205,100</b>	<b>9,600</b>	<b>212,400</b>	<b>10,000</b>	<b>126,100</b>	<b>36,700</b>	<b>10,400</b>	<b>0</b>	<b>0</b>
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 .....	61,500	0	62,900	0	32,300	0	10,400	0	0
Phillips 66 Company Billings .....	60,000	0	63,400	0	44,800	21,700	0	0	0
<b>Nevada</b> .....	<b>2,000</b>	<b>0</b>	<b>5,000</b>	<b>0</b>	<b>2,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Foreland Refining Corp Ely .....	2,000	0	5,000	0	2,750	0	0	0	0
<b>New Jersey</b> .....	<b>418,000</b>	<b>0</b>	<b>430,800</b>	<b>0</b>	<b>165,000</b>	<b>27,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Paulsboro Refining Co LLC Paulsboro .....	160,000	0	166,000	0	90,000	27,000	0	0	0
Phillips 66 Company Linden .....	258,000	0	264,800	0	75,000	0	0	0	0
<b>New Mexico</b> .....	<b>136,600</b>	<b>0</b>	<b>151,100</b>	<b>0</b>	<b>33,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
HollyFrontier Navajo Refining LLC Artesia .....	110,000	0	124,000	0	33,800	0	0	0	0
Western Refining Southwest Inc Gallup .....	26,600	0	27,100	0	0	0	0	0	0
<b>North Dakota</b> .....	<b>93,300</b>	<b>0</b>	<b>94,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Dakota Prairie Refining LLC Dickinson .....	19,500	0	20,000	0	0	0	0	0	0
Tesoro Refining & Marketing Co Mandan .....	73,800	0	74,600	0	0	0	0	0	0
<b>Ohio</b> .....	<b>597,800</b>	<b>0</b>	<b>633,000</b>	<b>0</b>	<b>159,500</b>	<b>58,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
BP-Husky Refining LLC Toledo .....	155,000	0	160,000	0	71,500	35,000	0	0	0
Lima Refining Company Lima .....	177,000	0	185,000	0	53,000	23,000	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 .....	172,800	0	188,000	0	0	0	0	0	0
<b>Oklahoma</b> .....	<b>521,800</b>	<b>0</b>	<b>551,664</b>	<b>0</b>	<b>220,342</b>	<b>38,385</b>	<b>0</b>	<b>0</b>	<b>0</b>
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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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	
<b>Mississippi</b> .....	<b>88,000</b>	<b>0</b>	<b>0</b>	<b>117,500</b>	<b>0</b>	<b>61,600</b>	<b>34,000</b>	<b>0</b>
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
<b>Montana</b> .....	<b>64,660</b>	<b>990</b>	<b>6,200</b>	<b>24,000</b>	<b>0</b>	<b>12,500</b>	<b>27,050</b>	<b>0</b>
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
<b>Nevada</b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Foreland Refining Corp Ely .....	0	0	0	0	0	0	0	0
<b>New Jersey</b> .....	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,000</b>	<b>0</b>	<b>22,000</b>
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	34,000	0	22,000
<b>New Mexico</b> .....	<b>38,500</b>	<b>3,000</b>	<b>0</b>	<b>18,000</b>	<b>0</b>	<b>24,000</b>	<b>7,300</b>	<b>18,000</b>
HollyFrontier Navajo Refining LLC Artesia .....	30,000	0	0	18,000	0	24,000	0	18,000
Western Refining Southwest Inc Gallup .....	8,500	3,000	0	0	0	0	7,300	0
<b>North Dakota</b> .....	<b>27,000</b>	<b>3,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,500</b>	<b>0</b>
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
<b>Ohio</b> .....	<b>208,300</b>	<b>0</b>	<b>52,000</b>	<b>57,000</b>	<b>0</b>	<b>63,500</b>	<b>106,800</b>	<b>0</b>
BP-Husky Refining LLC Toledo .....	55,000	0	0	31,000	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	21,500	0	0
Toledo Refining Co LLC Toledo .....	82,000	0	52,000	0	0	0	51,800	0
<b>Oklahoma</b> .....	<b>154,112</b>	<b>2,000</b>	<b>14,000</b>	<b>18,200</b>	<b>0</b>	<b>64,200</b>	<b>53,593</b>	<b>4,850</b>
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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**  
(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
<b>Mississippi</b> .....	<b>57,300</b>	<b>0</b>	<b>30,000</b>	<b>37,200</b>	<b>0</b>	<b>0</b>	<b>104,000</b>	<b>70,800</b>
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
<b>Montana</b> .....	<b>46,950</b>	<b>26,500</b>	<b>19,400</b>	<b>46,750</b>	<b>25,000</b>	<b>0</b>	<b>45,760</b>	<b>7,900</b>
Calumet Montana Refining LLC Great Falls .....	2,500	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 .....	13,550	6,000	5,800	29,750	0	0	25,760	0
<b>Nevada</b> .....	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Foreland Refining Corp Ely .....	0	0	0	0	0	0	0	0
<b>New Jersey</b> .....	<b>97,500</b>	<b>37,000</b>	<b>29,100</b>	<b>154,000</b>	<b>17,500</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>New Mexico</b> .....	<b>49,600</b>	<b>0</b>	<b>15,000</b>	<b>47,500</b>	<b>0</b>	<b>0</b>	<b>18,000</b>	<b>0</b>
HollyFrontier Navajo Refining LLC Artesia .....	42,000	0	15,000	43,000	0	0	18,000	0
Western Refining Southwest Inc Gallup .....	7,600	0	0	4,500	0	0	0	0
<b>North Dakota</b> .....	<b>13,600</b>	<b>0</b>	<b>0</b>	<b>31,800</b>	<b>6,660</b>	<b>0</b>	<b>0</b>	<b>0</b>
Dakota Prairie Refining LLC Dickinson .....	0	0	0	8,000	0	0	0	0
Tesoro Refining & Marketing Co Mandan .....	13,600	0	0	23,800	6,660	0	0	0
<b>Ohio</b> .....	<b>181,400</b>	<b>107,000</b>	<b>69,500</b>	<b>82,000</b>	<b>0</b>	<b>0</b>	<b>78,000</b>	<b>0</b>
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
Marathon Petroleum Co LP Canton .....	32,500	0	13,500	24,000	0	0	27,000	0
Toledo Refining Co LLC Toledo .....	45,900	72,000	32,000	0	0	0	0	0
<b>Oklahoma</b> .....	<b>158,411</b>	<b>102,987</b>	<b>18,500</b>	<b>134,581</b>	<b>37,590</b>	<b>0</b>	<b>58,338</b>	<b>36,032</b>
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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**  
(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
<b>Oklahoma</b>	<b>521,800</b>	<b>0</b>	<b>551,664</b>	<b>0</b>	<b>220,342</b>	<b>38,385</b>	<b>0</b>	<b>0</b>	<b>0</b>
Phillips 66 Company Ponca City	206,000	0	219,144	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
<b>Pennsylvania</b>	<b>601,000</b>	<b>0</b>	<b>639,800</b>	<b>0</b>	<b>276,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	350,000	0	163,200	0	0	0	0
United Refining Co Warren	65,000	0	70,000	0	40,000	0	0	0	0
<b>Tennessee</b>	<b>180,000</b>	<b>0</b>	<b>185,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Valero Ref Company Tennessee LLC Memphis	180,000	0	185,000	0	0	0	0	0	0
<b>Texas</b>	<b>5,701,414</b>	<b>0</b>	<b>6,107,300</b>	<b>0</b>	<b>2,615,200</b>	<b>901,080</b>	<b>42,000</b>	<b>0</b>	<b>0</b>
Alon USA Energy Inc Big Spring	73,000	0	74,000	0	24,000	0	0	0	0
Buckeye Texas Processing LLC Corpus Christi	60,000	0	65,000	0	0	0	0	0	0
Calumet San Antonio Refining LLC 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	275,000	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	365,644	0	380,900	0	148,800	48,000	0	0	0
Flint Hills Resources LP Corpus Christi	319,000	0	330,000	0	87,500	15,500	0	0	0
Houston Refining LP Houston	263,776	0	296,300	0	196,500	100,000	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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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	
<b>Oklahoma</b>	<b>154,112</b>	<b>2,000</b>	<b>14,000</b>	<b>18,200</b>	<b>0</b>	<b>64,200</b>	<b>53,593</b>	<b>4,850</b>
Phillips 66 Company Ponca City	76,912	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	18,700	0	4,850
<b>Pennsylvania</b>	<b>215,500</b>	<b>1,000</b>	<b>23,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>102,200</b>	<b>0</b>
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
<b>Tennessee</b>	<b>70,000</b>	<b>0</b>	<b>26,500</b>	<b>0</b>	<b>0</b>	<b>36,000</b>	<b>0</b>	<b>0</b>
Valero Ref Company Tennessee LLC Memphis	70,000	0	26,500	0	0	36,000	0	0
<b>Texas</b>	<b>1,791,200</b>	<b>25,000</b>	<b>250,300</b>	<b>409,900</b>	<b>83,500</b>	<b>975,700</b>	<b>115,280</b>	<b>166,000</b>
Alon USA Energy Inc Big Spring	25,000	0	0	0	0	21,500	0	10,000
Buckeye Texas Processing LLC Corpus Christi	0	0	0	0	0	0	0	0
Calumet San Antonio Refining LLC 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	74,000	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	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
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	117,700	0	70,000	0	0	146,000	0	0
Flint Hills Resources LP Corpus Christi	110,000	0	0	14,100	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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**  
(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
<b>Oklahoma</b>	<b>158,411</b>	<b>102,987</b>	<b>18,500</b>	<b>134,581</b>	<b>37,590</b>	<b>0</b>	<b>58,338</b>	<b>36,032</b>
Phillips 66 Company Ponca City	51,511	58,987	18,500	31,981	37,590	0	23,888	14,432
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
<b>Pennsylvania</b>	<b>185,600</b>	<b>104,000</b>	<b>28,300</b>	<b>70,300</b>	<b>157,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
American Refining Group Inc Bradford	3,600	0	0	0	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	24,000	5,000	5,000	17,000	0	0	0	0
<b>Tennessee</b>	<b>52,000</b>	<b>39,000</b>	<b>0</b>	<b>38,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Valero Ref Company Tennessee LLC Memphis	52,000	39,000	0	38,000	0	0	0	0
<b>Texas</b>	<b>1,408,490</b>	<b>1,058,100</b>	<b>628,700</b>	<b>1,371,125</b>	<b>16,000</b>	<b>184,000</b>	<b>921,240</b>	<b>145,700</b>
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 San Antonio Refining LLC San Antonio	6,000	0	0	8,000	0	0	0	0
Citgo Refining & Chemical Inc Corpus Christi	52,800	45,100	0	95,300	0	0	70,900	0
Deer Park Refining LTD Partnership Deer Park	70,000	43,000	38,000	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	24,000	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	159,800	25,000	51,000	42,000	0	0	0	19,500
Flint Hills Resources LP Corpus Christi	93,800	75,000	54,000	78,000	0	0	54,000	0
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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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
<b>Texas</b>	<b>5,701,414</b>	<b>0</b>	<b>6,107,300</b>	<b>0</b>	<b>2,615,200</b>	<b>901,080</b>	<b>42,000</b>	<b>0</b>	<b>0</b>
Magellan Terminal Holdings LP Corpus Christi	42,500	0	50,000	0	0	0	0	0	0
Marathon Petroleum Co LP Texas City	571,000	0	601,000	0	241,000	33,000	0	0	0
Motiva Enterprises LLC Port Arthur	603,000	0	635,000	0	331,800	169,000	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	256,000	0	269,400	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	117,000	60,000	0	0	0
Valero Refining Co Texas LP Corpus Christi	275,000	0	282,000	0	97,000	17,000	0	0	0
Houston	199,000	0	205,000	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	135,000	0	140,000	0	56,200	0	0	0	0
WRB Refining LP Borger	146,000	0	154,000	0	80,000	28,380	0	0	0
<b>Utah</b>	<b>196,530</b>	<b>0</b>	<b>209,100</b>	<b>0</b>	<b>34,500</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Big West Oil Co North Salt Lake	30,500	0	33,000	0	0	0	0	0	0
Chevron USA Inc Salt Lake City	53,200	0	56,000	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	58,500	0	63,000	0	0	0	0	0	0
<b>Washington</b>	<b>637,700</b>	<b>0</b>	<b>662,500</b>	<b>0</b>	<b>298,200</b>	<b>82,800</b>	<b>0</b>	<b>0</b>	<b>0</b>
BP West Coast Products LLC Ferndale	227,000	0	236,000	0	112,000	57,500	0	0	0
Phillips 66 Company Ferndale	105,000	0	110,500	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 Refining & Marketing Co Anacortes	120,000	0	125,000	0	50,500	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, 2018**

(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	
<b>Texas</b>	<b>1,791,200</b>	<b>25,000</b>	<b>250,300</b>	<b>409,900</b>	<b>83,500</b>	<b>975,700</b>	<b>115,280</b>	<b>166,000</b>
Magellan Terminal Holdings LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Texas City	203,500	0	78,500	0	83,500	142,500	11,000	17,000
Motiva Enterprises LLC Port Arthur	90,000	0	0	106,000	0	129,500	0	0
Pasadena Refining Systems Inc Pasadena	52,000	0	0	0	0	23,000	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	40,000	0	0
Premcor Refining Group Inc Port Arthur	75,000	0	0	124,800	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 Refining Co Texas LP Corpus Christi	95,500	0	0	50,000	0	39,000	10,000	0
Houston	71,750	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
<b>Utah</b>	<b>71,300</b>	<b>3,000</b>	<b>0</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>36,800</b>	<b>6,000</b>
Big West Oil Co North Salt Lake	12,300	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	26,000	3,000	0	0	0	0	11,400	0
<b>Washington</b>	<b>145,700</b>	<b>3,000</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>115,900</b>	<b>28,500</b>	<b>24,300</b>
BP West Coast Products LLC Ferndale	0	0	0	65,000	0	65,000	0	0
Phillips 66 Company Ferndale	38,500	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	49,300	3,000	0	0	0	32,400	0	24,300
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, 2018**  
(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
<b>Texas</b>	<b>1,408,490</b>	<b>1,058,100</b>	<b>628,700</b>	<b>1,371,125</b>	<b>16,000</b>	<b>184,000</b>	<b>921,240</b>	<b>145,700</b>
Magellan Terminal Holdings LP Corpus Christi	0	0	0	0	0	0	0	0
Marathon Petroleum Co LP Texas City	121,000	57,000	79,000	55,000	0	0	108,000	0
Motiva Enterprises LLC Port Arthur	163,150	55,000	78,000	170,800	0	0	50,000	21,000
Pasadena Refining Systems Inc Pasadena	23,000	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	68,700	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 Refining Co Texas LP Corpus Christi	64,000	60,000	11,000	63,250	0	74,000	30,000	0
Houston	9,000	33,600	16,000	0	0	0	0	0
Texas City	25,000	61,500	28,000	55,000	0	110,000	0	6,500
Western Refining Company LP El Paso	33,000	33,000	10,000	50,000	0	0	0	0
WRB Refining LP Borger	65,540	0	8,500	35,500	0	0	77,840	0
<b>Utah</b>	<b>44,900</b>	<b>8,000</b>	<b>2,900</b>	<b>49,800</b>	<b>28,800</b>	<b>0</b>	<b>0</b>	<b>7,200</b>
Big West Oil Co North Salt Lake	11,500	0	0	11,000	0	0	0	0
Chevron USA Inc Salt Lake City	8,500	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 Refining & Marketing Co Salt Lake City	11,400	8,000	0	22,500	0	0	0	0
<b>Washington</b>	<b>164,700</b>	<b>96,600</b>	<b>42,000</b>	<b>166,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
BP West Coast Products LLC Ferndale	74,000	0	20,000	55,000	0	0	0	0
Phillips 66 Company Ferndale	19,400	22,100	0	33,400	0	0	0	0
Shell Oil Products US Anacortes	21,700	42,000	22,000	43,800	0	0	0	0
Tesoro Refining & Marketing Co 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

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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	
<b>West Virginia</b> .....	<b>22,300</b>	<b>0</b>	<b>23,000</b>	<b>0</b>	<b>8,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ergon West Virginia Inc Newell .....	22,300	0	23,000	0	8,600	0	0	0	0
<b>Wisconsin</b> .....	<b>38,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>23,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Superior Refining Company LLC Superior .....	38,000	0	50,000	0	23,500	0	0	0	0
<b>Wyoming</b> .....	<b>168,500</b>	<b>0</b>	<b>191,400</b>	<b>0</b>	<b>79,000</b>	<b>33,700</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>U.S. Total</b> .....	<b>18,566,897</b>	<b>31,600</b>	<b>19,761,494</b>	<b>33,000</b>	<b>9,076,249</b>	<b>2,837,165</b>	<b>158,900</b>	<b>16,000</b>	<b>10,600</b>

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**

(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	
<b>West Virginia</b> .....	0	0	0	0	0	4,700	0	0
Ergon West Virginia Inc Newell .....	0	0	0	0	0	4,700	0	0
<b>Wisconsin</b> .....	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
<b>Wyoming</b> .....	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
<b>U.S. Total</b> .....	6,031,195	76,890	708,700	1,615,660	138,000	2,685,790	1,115,523	393,050

**Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2018**  
(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
<b>West Virginia</b> .....	<b>7,700</b>	<b>0</b>	<b>0</b>	<b>9,500</b>	<b>0</b>	<b>0</b>	<b>6,900</b>	<b>0</b>
Ergon West Virginia Inc Newell .....	7,700	0	0	9,500	0	0	6,900	0
<b>Wisconsin</b> .....	<b>12,500</b>	<b>12,500</b>	<b>8,000</b>	<b>7,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Superior Refining Company LLC Superior .....	12,500	12,500	8,000	7,500	0	0	0	0
<b>Wyoming</b> .....	<b>46,900</b>	<b>16,500</b>	<b>14,000</b>	<b>53,000</b>	<b>0</b>	<b>0</b>	<b>20,000</b>	<b>0</b>
Hermes Consolidated LLC New Castle .....	4,000	0	0	6,000	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 .....	21,500	0	14,000	18,500	0	0	20,000	0
<b>U.S. Total</b> .....	<b>4,649,691</b>	<b>2,952,227</b>	<b>1,616,850</b>	<b>4,521,716</b>	<b>515,650</b>	<b>196,500</b>	<b>2,857,938</b>	<b>386,632</b>

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."