

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Alabama	0	0	15,000	1,150	4,200	0	0	7,120	40	228
Hunt Refining Co										
Tuscaloosa	0	0	15,000	0	4,200	0	0	7,120	40	195
Shell Chemical LP										
Saraland	0	0	0	1,150	0	0	0	0	0	33
Alaska	0	0	10,000	0	5,000	0	0	0	13	27
Tesoro Alaska Petroleum Co										
Kenai	0	0	10,000	0	5,000	0	0	0	13	27
Arkansas	5,000	0	21,500	0	7,500	0	5,500	0	13	157
Cross Oil Refining & Marketing Inc										
Smackover	0	0	1,000	0	0	0	5,500	0	3	0
Lion Oil Co										
El Dorado	5,000	0	20,500	0	7,500	0	0	0	10	157
California	201,562	1,500	48,833	40,400	129,600	200	39,800	143,000	1,088	5,092
Alon Bakersfield Operating Inc										
Bakersfield	0	0	0	300	500	200	0	0	23	70
Chevron USA Inc										
El Segundo	32,200	0	0	10,500	22,300	0	0	25,500	77	894
Richmond	32,662	0	0	7,200	46,000	0	34,000	0	181	789
ExxonMobil Refining & Supply Co										
Torrance	24,200	0	0	0	0	0	0	16,700	146	400
Kern Oil & Refining Co										
Bakersfield	0	0	0	0	0	0	0	0	0	11
Lunday Thagard Co										
South Gate	0	0	5,833	0	0	0	0	0	0	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Paramount Petroleum Corporation										
Paramount	0	0	16,500	0	0	0	0	0	0	40
Phillips 66 Company										
Rodeo	0	0	0	3,800	10,000	0	0	14,500	22	560
Wilmington	16,000	0	0	3,100	12,800	0	0	16,800	105	370
San Joaquin Refining Co Inc										
Bakersfield	0	1,500	8,000	0	0	0	5,800	0	4	6
Santa Maria Refining Company										
Santa Maria	0	0	6,000	0	0	0	0	0	0	0
Shell Oil Products US										
Martinez	12,500	0	0	0	15,000	0	0	9,000	193	413
Tesoro Refining & Marketing Co										
Carson	17,000	0	0	3,500	23,000	0	0	16,700	105	476
Martinez	15,400	0	0	0	0	0	0	15,000	82	200
Wilmington	12,500	0	0	7,800	0	0	0	12,000	15	280
Valero Refining Co California										
Benicia	17,100	0	9,000	4,200	0	0	0	6,800	135	303
Wilmington Asphalt Plant	0	0	3,500	0	0	0	0	0	0	0
Wilmington Refinery	22,000	0	0	0	0	0	0	10,000	0	280
Colorado	0	0	12,250	985	0	0	0	0	22	116
Suncor Energy (USA) Inc										
Commerce City East	0	0	0	985	0	0	0	0	0	2
Commerce City West	0	0	12,250	0	0	0	0	0	22	114
Delaware	11,729	5,191	0	6,000	0	0	0	13,620	40	596
Delaware City Refining Co LLC										
Delaware City	11,729	5,191	0	6,000	0	0	0	13,620	40	596
Hawaii	5,000	0	15,000	3,200	0	0	0	0	21	38

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Chevron USA Inc										
Honolulu	5,000	0	0	3,200	0	0	0	0	3	0
Hawaii Independent Energy LLC										
Ewa Beach	0	0	15,000	0	0	0	0	0	18	38
Illinois	84,900	17,200	38,100	0	16,000	0	0	65,995	202	2,380
ExxonMobil Refining & Supply Co										
Joliet	29,100	0	15,100	0	0	0	0	18,595	0	683
Marathon Petroleum Co LP										
Robinson	13,000	3,300	0	0	16,000	0	0	7,500	0	202
PDV Midwest Refining LLC										
Lemont	21,000	9,400	0	0	0	0	0	12,000	12	487
WRB Refining LP										
Wood River	21,800	4,500	23,000	0	0	0	0	27,900	190	1,008
Indiana	33,200	16,800	33,700	0	28,000	0	0	30,000	0	1,913
BP Products North America Inc										
Whiting	31,000	16,800	30,000	0	24,800	0	0	30,000	0	1,904
Countrymark Cooperative Inc										
Mount Vernon	2,200	0	3,700	0	3,200	0	0	0	0	9
Kansas	33,500	0	4,000	5,300	27,000	0	0	20,060	90	712
CHS McPherson Refinery Inc										
McPherson	9,500	0	0	3,800	12,000	0	0	4,360	34	168
Coffeyville Resources Rfg & Mktg										
Coffeyville	10,000	0	0	0	0	0	0	8,700	0	229
HollyFrontier El Dorado Refining LLC										
El Dorado	14,000	0	4,000	1,500	15,000	0	0	7,000	56	315
Kentucky	21,000	3,200	35,400	0	18,000	0	0	0	0	448

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Marathon Petroleum Co LP										
Catlettsburg	21,000	3,200	35,400	0	18,000	0	0	0	0	448
Louisiana	220,000	49,900	57,000	26,500	73,720	0	66,000	166,057	118	6,773
Alon Refining Krotz Springs Inc										
Krotz Springs	0	0	0	0	6,220	0	0	0	0	0
Calcasieu Refining Co										
Lake Charles	0	0	0	3,500	0	0	0	0	0	0
Calumet Lubricants Co LP										
Cotton Valley	0	0	0	0	500	0	0	0	2	0
Princeton	0	0	2,000	0	0	0	7,000	0	4	3
Calumet Shreveport LLC										
Shreveport	0	0	6,500	0	0	0	12,500	0	12	40
Chalmette Refining LLC										
Chalmette	16,800	10,500	0	0	0	0	0	9,000	0	920
Citgo Petroleum Corp										
Lake Charles	26,400	20,900	0	0	28,000	0	0	30,000	0	717
Excel Paralubes										
Westlake	0	0	0	0	0	0	30,000	0	0	185
ExxonMobil Refining & Supply Co										
Baton Rouge	41,000	0	0	0	0	0	16,500	31,525	0	800
Marathon Petroleum Co LP										
Garyville	33,000	0	33,000	23,000	26,500	0	0	33,000	0	1,476
Motiva Enterprises LLC										
Convent	16,500	0	0	0	12,500	0	0	0	0	728
Norco	16,800	0	0	0	0	0	0	7,316	0	180
Phillips 66 Company										
Belle Chasse	35,000	15,500	0	0	0	0	0	6,716	0	125
Westlake	6,000	0	2,500	0	0	0	0	22,500	0	440

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Placid Refining Co										
Port Allen	7,500	0	0	0	0	0	0	0	0	55
Shell Oil Products US										
Saint Rose	0	0	13,000	0	0	0	0	0	0	0
Valero Energy Corporation										
Meraux	0	0	0	0	0	0	0	0	0	224
Valero Refining New Orleans LLC										
Norco	21,000	3,000	0	0	0	0	0	26,000	100	880
Michigan	7,000	0	23,000	0	0	0	0	10,500	0	459
Marathon Petroleum Co LP										
Detroit	7,000	0	23,000	0	0	0	0	10,500	0	459
Minnesota	18,000	0	58,000	1,000	27,500	0	0	22,900	186	1,264
Flint Hills Resources LP										
Saint Paul	12,500	0	45,000	0	18,000	0	0	22,900	176	1,142
St Paul Park Refining Co LLC										
Saint Paul	5,500	0	13,000	1,000	9,500	0	0	0	10	122
Mississippi	18,600	21,000	36,125	0	0	0	48,000	35,500	243	1,355
Chevron USA Inc										
Pascagoula	18,600	21,000	20,000	0	0	0	25,000	35,500	230	1,355
Ergon Refining Inc										
Vicksburg	0	0	10,000	0	0	0	23,000	0	13	0
Hunt Southland Refining Co										
Sandersville	0	0	6,125	0	0	0	0	0	0	0
Montana	17,350	0	44,300	5,250	1,500	0	0	13,575	97	489
Calumet Montana Refining LLC										
Great Falls	1,000	0	10,000	0	1,500	0	0	0	7	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Cenex Harvest States Coop										
Laurel	4,000	0	19,800	1,250	0	0	0	4,100	33	243
ExxonMobil Refining & Supply Co										
Billings	5,100	0	14,500	0	0	0	0	4,000	23	0
Phillips 66 Company										
Billings	7,250	0	0	4,000	0	0	0	5,475	34	246
Nevada	0	0	1,600	0	0	0	0	0	0	0
Foreland Refining Corp										
Ely	0	0	1,600	0	0	0	0	0	0	0
New Jersey	29,200	0	70,000	4,000	0	0	12,000	7,500	26	280
Axeon Specialty Products LLC										
Paulsboro	0	0	49,000	0	0	0	0	0	0	0
Paulsboro Refining Co LLC										
Paulsboro	11,200	0	21,000	0	0	0	12,000	7,500	9	280
Phillips 66 Company										
Linden	18,000	0	0	4,000	0	0	0	0	17	0
New Mexico	10,900	0	7,000	0	0	0	0	0	38	202
HollyFrontier Navajo Refining LLC										
Artesia	9,100	0	7,000	0	0	0	0	0	38	200
Western Refining Southwest Inc										
Gallup	1,800	0	0	0	0	0	0	0	0	2
North Dakota	4,830	0	0	0	0	0	0	0	2	19
Dakota Prairie Refining LLC										
Dickinson	0	0	0	0	0	0	0	0	2	2
Tesoro West Coast										
Mandan	4,830	0	0	0	0	0	0	0	0	17

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Ohio	28,950	20,000	23,800	12,500	18,700	0	0	14,200	0	683
BP-Husky Refining LLC										
Toledo	11,500	0	9,000	0	0	0	0	10,000	0	353
Lima Refining Company										
Lima	0	9,200	0	4,500	18,700	0	0	4,200	0	110
Marathon Petroleum Co LP										
Canton	7,500	0	14,800	0	0	0	0	0	0	104
Toledo Refining Co LLC										
Toledo	9,950	10,800	0	8,000	0	0	0	0	0	116
Oklahoma	35,141	21,000	43,414	900	13,000	0	10,000	9,050	72	324
HollyFrontier Tulsa Refining LLC										
Tulsa East	5,500	0	15,200	0	13,000	0	0	0	0	75
Tulsa West	0	0	6,500	900	0	0	10,000	2,750	0	0
Phillips 66 Company										
Ponca City	17,129	0	0	0	0	0	0	6,300	35	0
Valero Refining Co Oklahoma										
Ardmore	7,012	0	14,714	0	0	0	0	0	27	249
Wynnewood Refining Co										
Wynnewood	5,500	21,000	7,000	0	0	0	0	0	10	0
Pennsylvania	42,500	4,920	22,065	8,000	8,500	0	2,945	0	0	282
American Refining Group Inc										
Bradford	0	0	65	0	0	0	2,945	0	0	0
Monroe Energy LLC										
Trainer	12,000	0	0	0	0	0	0	0	0	90
Philadelphia Energy Solutions										
Philadelphia	26,000	4,920	0	8,000	0	0	0	0	0	125

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
United Refining Co										
Warren	4,500	0	22,000	0	8,500	0	0	0	0	67
Tennessee	12,700	29,000	0	0	0	0	0	0	30	116
Premcor Refining Group Inc										
Memphis	12,700	29,000	0	0	0	0	0	0	30	116
Texas	378,350	127,564	64,600	61,400	150,240	0	82,795	292,564	458	16,105
Alon USA Energy Inc										
Big Spring	5,000	1,000	7,600	0	0	0	0	0	0	150
Citgo Refining & Chemical Inc										
Corpus Christi	24,000	16,200	0	0	0	0	0	17,160	0	368
Deer Park Refining LTD Partnership										
Deer Park	18,500	0	0	0	0	0	0	35,080	0	1,085
Delek Refining LTD										
Tyler	4,700	0	0	0	0	0	0	1,500	0	39
Equistar Chemicals LP										
Channelview	22,000	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co										
Baytown	37,000	0	0	0	0	0	28,000	22,750	0	1,828
Beaumont	14,900	0	0	11,200	25,800	0	10,000	15,039	0	590
Flint Hills Resources LP										
Corpus Christi	15,500	0	0	4,900	3,500	0	0	3,925	0	426
Houston Refining LP										
Houston	11,250	19,300	0	0	0	0	3,895	29,850	0	1,123
Marathon Petroleum Co LP										
Galveston Bay	40,000	35,600	0	0	0	0	0	11,900	0	1,452
Texas City	14,500	2,900	0	0	0	0	0	0	0	40
Motiva Enterprises LLC										
Port Arthur	20,000	0	0	0	49,140	0	39,000	47,850	52	2,912

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Pasadena Refining Systems Inc										
Pasadena	12,500	0	0	0	0	0	0	0	0	28
Phillips 66 Company										
Sweeny	21,700	11,600	0	0	10,100	0	0	22,800	0	915
Premcor Refining Group Inc										
Port Arthur	19,500	0	0	0	0	0	0	32,240	0	1,490
South Hampton Resources Inc										
Silsbee	0	1,064	0	0	4,400	0	0	0	0	0
Total Petrochemicals & Refining USA										
Port Arthur	6,700	13,600	0	0	7,800	0	0	19,200	0	806
Valero Energy Corporation										
Sunray	9,800	0	12,000	3,000	0	0	0	0	30	75
Three Rivers	6,500	10,800	0	3,000	0	0	1,900	0	0	134
Valero Refining Co Texas LP										
Corpus Christi	21,300	15,500	38,000	17,000	12,000	0	0	6,270	275	1,288
Houston	11,800	0	0	0	0	0	0	0	0	336
Texas City	14,700	0	0	0	6,500	0	0	19,000	0	680
Western Refining Company LP										
El Paso	12,500	0	7,000	7,300	0	0	0	0	10	0
WRB Refining LP										
Borger	14,000	0	0	15,000	31,000	0	0	8,000	91	340
Utah	18,900	0	1,800	3,200	6,000	0	0	2,500	0	95
Big West Oil Co										
North Salt Lake	3,000	0	0	1,900	3,000	0	0	0	0	4
Chevron USA Inc										
Salt Lake City	5,600	0	0	1,300	0	0	0	2,500	0	63
HollyFrontier Woods Cross Refining LLC										
Woods Cross	3,300	0	1,800	0	3,000	0	0	0	0	10

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Tesoro West Coast										
Salt Lake City	7,000	0	0	0	0	0	0	0	0	18
Washington	36,100	0	13,500	12,300	28,500	0	0	23,650	137	822
BP West Coast Products LLC										
Ferndale	0	0	0	6,000	24,000	0	0	15,250	137	284
Phillips 66 Company										
Ferndale	10,200	0	0	2,700	0	0	0	0	0	123
Shell Oil Products US										
Anacortes	12,100	0	0	0	0	0	0	8,400	0	350
Tesoro West Coast										
Anacortes	13,800	0	5,500	3,600	0	0	0	0	0	54
US Oil & Refining Co										
Tacoma	0	0	8,000	0	4,500	0	0	0	0	11
West Virginia	0	0	700	0	0	0	6,100	0	3	1
Ergon West Virginia Inc										
Newell	0	0	700	0	0	0	6,100	0	3	1
Wisconsin	1,600	6,000	7,900	0	0	0	0	0	0	34
Calumet Lubricants Co LP										
Superior	1,600	6,000	7,900	0	0	0	0	0	0	34
Wyoming	10,000	0	24,000	0	0	0	0	11,700	58	333
HollyFrontier Cheyenne Refining LLC										
Cheyenne	4,200	0	16,000	0	0	0	0	4,700	6	116
Little America Refining Co										
Evansville	0	0	0	0	0	0	0	0	0	10
Sinclair Wyoming Refining Co										
Sinclair	4,500	0	8,000	0	0	0	0	7,000	52	207

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2016

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Wyoming Refining Co										
New Castle	1,300	0	0	0	0	0	0	0	0	0
U.S. Total	1,286,012	323,275	732,587	192,085	562,960	200	273,140	889,491	2,997	41,343

^a Includes hydrogen production capacity of hydrogen plants on refinery grounds.

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."