

Directory of Operable Petroleum Refineries on Tables 38 and 39

Refiner	State(s) ^a	Refiner	State(s) ^a
Age Refining, Inc.	TX	Little America Refining Co.	WY
Alon USA LP	TX	Lunday Thagard	CA
Amerada Hess Corp.	NJ	Lyondell Citgo Refining Co. Ltd.	TX
American Refining Group Inc.	PA	Marathon Ashland Petro LLC	IL, KY, LA, MI, MN, OH, TX
Atofina Petrochemicals Inc.	TX	Montana Refining Co.	MT
BP Expl (Alaska) Inc.	AK	Motiva Enterprises LLC	DE, LA, TX
BP Products North America, Inc.	IN, OH, TX	Murphy Oil U.S.A. Inc.	LA, WI
BP West Coast Products LLC	CA, WA	NCRA	KS
Big West Oil Co.	UT	Navajo Refining Co.	NM
Calcasieu Refining Co.	LA	PDV Midwest Refining LLC	IL
Calumet Lubricants Co. LP	LA	Paramount Petroleum Corp.	CA
Caribbean Petroleum Corp.	PR	Petro Star Inc.	AK
Cenex Harvest States Coop	MT	Phillips Alaska, Inc.	AK
Chalmette Refining LLC	LA	Placid Refining Co.	LA
Chevron U.S.A. Inc.	CA, HI, MS, NJ, OR, UT	Premcor Refg Group Inc.	OH, TN, TX
Citgo Asphalt Refining Co.	GA, NJ	San Joaquin Refining Co Inc.	CA
Citgo Petroleum Corp.	LA	Shell Chem LP	AL, LA
Citgo Refining & Chemical Inc.	TX	Shell Chem Yabucoa Inc.	PR
Coastal Eagle Point Oil Co.	NJ	Shell Oil Products US	CA, WA
Colorado Refg Co.	CO	Silver Eagle Refining	UT, WY
ConocoPhillips	CA, IL, LA, MT, NJ, OK, PA, TX, WA	Sinclair Oil Corp.	OK, WY
Countrymark Cooperative Inc.	IN	Somerset Refinery Inc.	KY
Cross Oil Refining and Mktg. Inc.	AR	South Hampton Refining Co.	TX
Crown Central Petro Corp	TX	Suncor Energy (USA) Inc.	CO
Deer Park Refg Ltd Ptnrshp	TX	Sunoco Inc.	OH, OK, PA
Diamond Shamrock Refg & Mktg	TX	Sunoco Inc. (R&M)	PA
Edgington Oil Co.	CA	TPI Petro Inc.	OK
Ergon Refining Inc.	MS	Tenby Inc.	CA
Ergon West Virginia Inc.	WV	Tesoro Hawaii Corp.	HI
ExxonMobil Refg & Supply Co.	CA, IL, LA, MT, TX	Tesoro Petroleum Corp.	AK
Farmland Industries Inc.	KS	Tesoro Refg & Mktg Co	CA
Flint Hills Resources LP	MN, TX	Tesoro West Coast	ND, UT, WA
Foreland Refining Corp.	NV	Trigeant LTD	AL, TX
Frontier Refg Inc.	WY	U.S. Oil & Refining Co.	WA
Frontier Refining & Marketing Inc.	KS	Ultramar Inc.	CA
Giant Industries Inc.	NM	United Refining Co.	PA
Giant Refining Co.	NM	Valero Refining Co. California	CA
Giant Yorktown Refg	VA	Valero Refining Co. Louisiana	LA
Greka Energy	CA	Valero Refining Co. New Jersey	NJ
Haltermann Products	TX	Valero Refining Co. Texas	TX
Holly Corp Refining and Marketing	UT	Valero St. Charles Refining Co.	LA
Hovensa LLC	VI	Western Refining Company LP	TX
Hunt Refining Co.	AL	Williams Alaska Petro Inc.	AK
Hunt Southland Refining Company	MS	Wynnewood Refining Co.	OK
Kern Oil & Refining Co.	CA	Wyoming Refining Co.	WY
La Gloria Oil & Gas Co	TX	Young Refining Corp.	GA
Lion Oil Co.	AR		

^aIncludes Puerto Rico (PR) and Virgin Islands (VI).

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Alabama.....	130,200	0	140,500	0	60,400	14,000	0	0	0
Hunt Refining Co.									
Tuscaloosa.....	33,500	0	33,500	0	15,000	14,000	0	0	0
Shell Chem LP									
Saraland.....	80,000	0	85,000	0	30,000	0	0	0	0
Trigeant EP LTD (Formerly Coastal Mobile Refg Co.)									
Mobile.....	16,700	0	22,000	0	15,400	0	0	0	0
Alaska.....	370,381	0	400,543	0	25,800	0	0	0	0
BP Expl (Alaska) Inc									
Prudhoe Bay.....	12,500	0	14,200	0	0	0	0	0	0
Petro Star Inc.									
North Pole.....	17,000	0	18,000	0	0	0	0	0	0
Valdez.....	48,000	0	50,000	0	0	0	0	0	0
Phillips Alaska, Inc.									
Kuparuk.....	14,000	0	16,000	0	0	0	0	0	0
Tesoro Petroleum Corp.									
Kenai.....	72,000	0	80,000	0	19,800	0	0	0	0
Williams Alaska Petro Inc.									
North Pole.....	206,881	0	222,343	0	6,000	0	0	0	0
Arkansas.....	69,800	0	74,800	0	29,400	0	0	0	0
Cross Oil Refining And Mktg, Inc.									
Smackover.....	6,800	0	7,000	0	3,500	0	0	0	0
Lion Oil Co.									
El Dorado.....	63,000	0	67,800	0	25,900	0	0	0	0
California.....	1,984,188	38,100	2,073,920	44,500	1,194,406	400,880	100,000	5,000	0
BP West Coast Products LLC									
Los Angeles.....	260,000	0	260,500	0	130,000	65,000	0	0	0
Chevron U.S.A. Inc.									
El Segundo.....	260,000	0	273,000	0	137,000	66,000	0	0	0
Richmond.....	242,901	0	257,200	0	123,456	0	0	0	0
ConocoPhillips									
Arroyo Grande.....	41,800	0	44,000	0	33,600	23,400	0	0	0
Rodeo.....	73,200	0	77,000	0	40,000	22,000	0	0	0
Wilmington.....	133,100	0	137,520	0	82,250	52,880	0	0	0
Edgington Oil Co.									
Long Beach.....	14,000	12,000	25,000	15,000	0	0	0	0	0
ExxonMobil Refg & Supply Co.									
Torrance.....	149,000	0	155,100	0	102,300	54,600	0	0	0
Greka Energy									
Santa Maria.....	9,500	0	10,000	0	10,000	0	0	0	0
Kern Oil & Refining Co.									
Bakersfield.....	25,000	0	26,000	0	0	0	0	0	0
Lunday Thagard									
South Gate.....	8,500	0	10,000	0	7,000	0	0	0	0

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(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Alabama.....	0	0	0	0	0	7,200	20,000	0
Hunt Refining Co. Tuscaloosa.....	0	0	0	0	0	7,200	0	0
Shell Chem LP Saraland.....	0	0	0	0	0	0	20,000	0
Trigeant EP LTD (Formerly Coastal Mobile Refg Co.) Mobile.....	0	0	0	0	0	0	0	0
Alaska.....	0	0	0	12,500	0	12,000	0	0
BP Expl (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
Phillips Alaska, Inc. Kuparuk.....	0	0	0	0	0	0	0	0
Tesoro Petroleum Corp. Kenai.....	0	0	0	12,500	0	12,000	0	0
Williams Alaska Petro Inc. North Pole.....	0	0	0	0	0	0	0	0
Arkansas.....	19,900	0	0	0	0	13,600	0	7,400
Cross Oil Refining And Mktg, Inc. Smackover.....	0	0	0	0	0	0	0	0
Lion Oil Co. El Dorado.....	19,900	0	0	0	0	13,600	0	7,400
California.....	702,780	1,000	222,800	217,400	65,000	208,600	235,430	66,000
BP West Coast Products LLC Los Angeles.....	96,000	0	43,000	0	0	10,000	42,000	0
Chevron U.S.A. Inc. El Segundo.....	65,000	0	0	49,000	0	42,000	0	0
Richmond.....	90,000	0	0	96,400	65,000	71,300	0	66,000
ConocoPhillips Arroyo Grande.....	0	0	0	0	0	0	0	0
Rodeo.....	0	0	0	37,000	0	0	32,000	0
Wilmington.....	50,280	0	26,600	0	0	0	38,430	0
Edgington Oil Co. Long Beach.....	0	0	0	0	0	0	0	0
ExxonMobil Refg & Supply Co. Torrance.....	95,200	0	21,500	0	0	0	20,000	0
Greka Energy Santa Maria.....	0	0	0	0	0	0	0	0
Kern Oil & Refining Co. Bakersfield.....	0	0	0	0	0	0	3,300	0
Lunday Thagard South Gate.....	0	0	0	0	0	0	0	0

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State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Alabama.....	28,500	0	2,000	30,000	12,000	0	10,500	0
Hunt Refining Co. Tuscaloosa.....	10,000	0	2,000	0	12,000	0	10,500	0
Shell Chem LP Saraland.....	18,500	0	0	30,000	0	0	0	0
Trigeant EP LTD (Formerly Coastal Mobile Refg Co.) Mobile.....	0	0	0	0	0	0	0	0
Alaska.....	12,000	0	0	0	0	0	0	0
BP Expl (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
Phillips Alaska, Inc. Kuparuk.....	0	0	0	0	0	0	0	0
Tesoro Petroleum Corp. Kenai.....	12,000	0	0	0	0	0	0	0
Williams Alaska Petro Inc. North Pole.....	0	0	0	0	0	0	0	0
Arkansas.....	20,000	0	0	8,600	0	0	21,000	5,000
Cross Oil Refining And Mktg, Inc. Smackover.....	0	0	0	0	0	0	0	5,000
Lion Oil Co. El Dorado.....	20,000	0	0	8,600	0	0	21,000	0
California.....	474,900	237,100	155,300	325,300	62,000	0	624,300	54,200
BP West Coast Products LLC Los Angeles.....	60,000	10,000	10,000	20,000	0	0	90,000	0
Chevron U.S.A. Inc. El Segundo.....	77,500	0	0	60,000	15,000	0	72,000	0
Richmond.....	57,600	0	96,000	64,800	0	0	0	27,000
ConocoPhillips Arroyo Grande.....	0	0	0	0	0	0	0	0
Rodeo.....	21,000	0	0	23,000	0	0	0	0
Wilmington.....	56,500	0	12,900	36,000	0	0	52,000	0
Edgington Oil Co. Long Beach.....	0	0	0	0	0	0	0	0
ExxonMobil Refg & Supply Co. Torrance.....	24,100	0	0	18,000	0	0	104,500	0
Greka Energy Santa Maria.....	0	0	0	0	0	0	0	0
Kern Oil & Refining Co. Bakersfield.....	5,000	0	0	0	9,000	0	0	0
Lunday Thagard South Gate.....	0	0	0	0	0	0	0	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			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
Paramount Petroleum Corp.									
Paramount.....	50,000	0	53,000	0	30,000	0	0	0	0
San Joaquin Refining Co Inc.									
Bakersfield.....	14,300	10,000	15,000	12,000	14,300	0	0	5,000	0
Shell Oil Products US									
Bakersfield.....	66,000	0	68,000	0	40,000	22,000	0	0	0
Martinez.....	138,800	16,100	145,000	17,500	90,000	26,000	22,500	0	0
Wilmington.....	98,500	0	103,500	0	62,000	40,000	0	0	0
Tenby Inc.									
Oxnard.....	2,800	0	4,000	0	0	0	0	0	0
Tesoro Refg & Mktg Co									
Martinez.....	166,000	0	170,000	0	153,000	0	48,000	0	0
Ultramar Inc.									
Wilmington.....	80,887	0	81,000	0	45,000	29,000	0	0	0
Valero Refining Co. California									
Benicia.....	144,000	0	153,000	0	89,500	0	29,500	0	0
Wilmington.....	5,900	0	6,100	0	5,000	0	0	0	0
Colorado.....	87,000	0	94,000	0	32,500	0	0	0	0
Colorado Refg Co.									
Commerce City.....	27,000	0	32,000	0	7,500	0	0	0	0
Suncor Energy (USA) Inc (Formerly Conoco Inc)									
Commerce City.....	60,000	0	62,000	0	25,000	0	0	0	0
Delaware.....	175,000	0	180,000	0	102,000	0	46,500	0	0
Motiva Enterprises LLC									
Delaware City.....	175,000	0	180,000	0	102,000	0	46,500	0	0
Georgia.....	5,400	28,000	8,000	32,000	0	0	0	0	0
Citgo Asphalt Refining Co.									
Savannah.....	0	28,000	0	32,000	0	0	0	0	0
Young Refining Corp.									
Douglasville.....	5,400	0	8,000	0	0	0	0	0	0
Hawaii.....	147,500	0	152,000	0	74,300	0	0	13,000	0
Chevron U.S.A. Inc.									
Honolulu.....	54,000	0	57,000	0	31,300	0	0	0	0
Tesoro Hawaii Corp.									
Ewa Beach.....	93,500	0	95,000	0	43,000	0	0	13,000	0
Illinois.....	878,100	0	932,700	0	378,100	127,700	0	0	0
ConocoPhillips									
Wood River.....	288,300	0	310,000	0	119,000	0	0	0	0
ExxonMobil Refg & Supply Co.									
Joliet.....	237,800	0	247,700	0	118,900	58,500	0	0	0
Marathon Ashland Petro LLC									
Robinson.....	192,000	0	208,000	0	65,200	29,200	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	
Paramount Petroleum Corp.								
Paramount.....	0	0	0	0	0	0	8,500	0
San Joaquin Refining Co Inc.								
Bakersfield.....	0	0	0	0	0	0	0	0
Shell Oil Products US								
Bakersfield.....	0	0	24,000	0	0	16,300	0	0
Martinez.....	73,000	0	39,000	0	0	31,000	0	0
Wilmington.....	36,000	0	32,000	0	0	0	34,000	0
Tenby Inc.								
Oxnard.....	0	0	0	0	0	0	0	0
Tesoro Refg & Mktg Co								
Martinez.....	70,000	1,000	0	35,000	0	22,000	20,000	0
Ultramar Inc.								
Wilmington.....	52,000	0	0	0	0	16,000	0	0
Valero Refining Co. California								
Benicia.....	75,300	0	36,700	0	0	0	37,200	0
Wilmington.....	0	0	0	0	0	0	0	0
Colorado.....	27,600	2,000	0	0	0	20,700	0	0
Colorado Refg Co.								
Commerce City.....	9,500	2,000	0	0	0	10,500	0	0
Suncor Energy (USA) Inc (Formerly Conoco Inc)								
Commerce City.....	18,100	0	0	0	0	10,200	0	0
Delaware.....	77,000	4,000	0	20,000	0	41,000	0	0
Motiva Enterprises LLC								
Delaware City.....	77,000	4,000	0	20,000	0	41,000	0	0
Georgia.....	0	0	0	0	0	0	0	0
Citgo Asphalt Refining Co.								
Savannah.....	0	0	0	0	0	0	0	0
Young Refining Corp.								
Douglasville.....	0	0	0	0	0	0	0	0
Hawaii.....	22,000	0	18,000	0	0	13,000	0	0
Chevron U.S.A. Inc.								
Honolulu.....	22,000	0	0	0	0	0	0	0
Tesoro Hawaii Corp.								
Ewa Beach.....	0	0	18,000	0	0	13,000	0	0
Illinois.....	306,000	3,000	0	60,500	0	203,500	47,200	0
ConocoPhillips								
Wood River.....	94,000	0	0	33,500	0	75,000	16,000	0
ExxonMobil Refg & Supply Co.								
Joliet.....	98,000	0	0	0	0	52,000	0	0
Marathon Ashland Petro LLC								
Robinson.....	50,000	0	0	27,000	0	76,500	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
Paramount Petroleum Corp.								
Paramount.....	9,500	0	0	8,000	0	0	10,800	0
San Joaquin Refining Co Inc.								
Bakersfield.....	0	0	0	0	3,000	0	0	0
Shell Oil Products US								
Bakersfield.....	13,800	0	0	0	0	0	15,000	0
Martinez.....	28,000	41,100	0	0	20,000	0	77,000	0
Wilmington.....	35,000	100,000	21,000	18,000	0	0	37,000	0
Tenby Inc.								
Oxnard.....	0	0	0	0	0	0	0	0
Tesoro Refg & Mktg Co								
Martinez.....	25,000	38,900	0	33,000	15,000	0	65,000	5,500
Ultramar Inc.								
Wilmington.....	32,000	0	0	32,000	0	0	62,000	0
Valero Refining Co. California								
Benicia.....	29,900	47,100	15,400	12,500	0	0	39,000	21,700
Wilmington.....	0	0	0	0	0	0	0	0
Colorado.....	20,700	0	0	13,000	0	0	14,500	0
Colorado Refg Co.								
Commerce City.....	10,500	0	0	0	0	0	0	0
Suncor Energy (USA) Inc (Formerly Conoco Inc)								
Commerce City.....	10,200	0	0	13,000	0	0	14,500	0
Delaware.....	50,000	28,000	15,500	13,000	46,000	0	0	0
Motiva Enterprises LLC								
Delaware City.....	50,000	28,000	15,500	13,000	46,000	0	0	0
Georgia.....	0	0	0	0	0	0	0	0
Citgo Asphalt Refining Co.								
Savannah.....	0	0	0	0	0	0	0	0
Young Refining Corp.								
Douglasville.....	0	0	0	0	0	0	0	0
Hawaii.....	11,000	0	0	0	0	0	0	3,500
Chevron U.S.A. Inc.								
Honolulu.....	0	0	0	0	0	0	0	3,500
Tesoro Hawaii Corp.								
Ewa Beach.....	11,000	0	0	0	0	0	0	0
Illinois.....	317,200	48,000	43,000	247,500	0	0	29,000	0
ConocoPhillips								
Wood River.....	64,000	48,000	28,000	52,000	0	0	29,000	0
ExxonMobil Refg & Supply Co.								
Joliet.....	110,000	0	0	86,000	0	0	0	0
Marathon Ashland Petro LLC								
Robinson.....	60,000	0	0	74,000	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
PDV Midwest Refining LLC Lemont (Chicago).....	160,000	0	167,000	0	75,000	40,000	0	0	0
Indiana.....	433,000	0	444,000	0	255,000	36,000	0	0	0
BP Products North America, Inc. Whiting.....	410,000	0	420,000	0	247,000	36,000	0	0	0
Countrymark Cooperative Inc. Mount Vernon.....	23,000	0	24,000	0	8,000	0	0	0	0
Kansas.....	296,200	0	310,000	0	123,000	60,400	0	0	0
Farmland Industries Inc. Coffeyville.....	112,000	0	115,000	0	50,000	18,000	0	0	0
Frontier Refining & Marketing Inc. El Dorado.....	103,000	0	110,000	0	39,000	18,000	0	0	0
NCRA McPherson.....	81,200	0	85,000	0	34,000	24,400	0	0	0
Kentucky.....	227,500	0	246,300	0	97,000	0	0	0	0
Marathon Ashland Petro LLC Catlettsburg.....	222,000	0	240,000	0	97,000	0	0	0	0
Somerset Refinery Inc. Somerset.....	5,500	0	6,300	0	0	0	0	0	0
Louisiana.....	2,753,320	0	2,885,355	0	1,251,400	455,700	0	0	13,400
Calcasieu Refining Co. Lake Charles.....	30,000	0	32,000	0	0	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
Shreveport.....	46,200	0	50,000	0	24,300	0	0	0	0
Chalmette Refining LLC Chalmette.....	182,500	0	190,200	0	111,000	34,500	0	0	0
Citgo Petroleum Corp. Lake Charles.....	324,300	0	338,000	0	88,000	107,000	0	0	0
ConocoPhillips Belle Chasse.....	253,500	0	260,000	0	92,000	26,700	0	0	0
Westlake.....	252,000	0	260,000	0	132,000	52,000	0	0	13,400
ExxonMobil Refg & Supply Co. Baton Rouge.....	493,500	0	514,000	0	232,500	118,500	0	0	0
Marathon Ashland Petro LLC Garyville.....	232,000	0	254,000	0	125,000	37,400	0	0	0
Motiva Enterprises LLC Convent.....	235,000	0	255,000	0	119,400	0	0	0	0
Norco.....	226,500	0	242,000	0	86,000	23,600	0	0	0
Murphy Oil U.S.A. Inc. Meraux.....	120,000	0	125,000	0	50,000	0	0	0	0
Placid Refining Co. Port Allen.....	48,500	0	49,500	0	20,000	0	0	0	0

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	Catalytic Cracking		Catalytic Hydrocracking			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
PDV Midwest Refining LLC Lemont (Chicago).....	64,000	3,000	0	0	0	0	31,200	0
Indiana.....	173,200	4,200	0	0	0	6,500	90,000	0
BP Products North America, Inc. Whiting.....	165,000	4,000	0	0	0	0	90,000	0
Countrymark Cooperative Inc. Mount Vernon.....	8,200	200	0	0	0	6,500	0	0
Kansas.....	89,200	500	0	0	0	30,000	39,000	0
Farmland Industries Inc. Coffeyville.....	30,000	0	0	0	0	0	17,000	0
Frontier Refining & Marketing Inc. El Dorado.....	37,200	0	0	0	0	7,500	22,000	0
NCRA McPherson.....	22,000	500	0	0	0	22,500	0	0
Kentucky.....	95,000	0	0	0	0	49,000	1,000	13,000
Marathon Ashland Petro LLC Catlettsburg.....	95,000	0	0	0	0	49,000	0	13,000
Somerset Refinery Inc. Somerset.....	0	0	0	0	0	0	1,000	0
Louisiana.....	1,121,100	19,000	46,100	136,000	52,000	359,000	201,600	40,000
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
Shreveport.....	3,500	7,000	0	0	0	8,000	0	0
Chalmette Refining LLC Chalmette.....	71,600	0	20,100	0	0	19,000	29,400	0
Citgo Petroleum Corp. Lake Charles.....	147,000	0	0	42,000	0	58,000	52,800	0
ConocoPhillips Belle Chasse.....	99,000	2,000	0	0	0	0	44,400	0
Westlake.....	48,000	0	0	28,000	0	44,000	0	0
ExxonMobil Refg & Supply Co. Baton Rouge.....	241,000	0	26,000	0	0	74,000	0	0
Marathon Ashland Petro LLC Garyville.....	125,000	0	0	0	0	49,000	0	35,000
Motiva Enterprises LLC Convent.....	92,000	0	0	0	52,000	0	40,000	0
Norco.....	112,000	0	0	34,000	0	40,000	22,000	0
Murphy Oil U.S.A. Inc. Meraux.....	37,000	0	0	32,000	0	32,000	0	0
Placid Refining Co. Port Allen.....	19,000	2,000	0	0	0	10,000	0	5,000

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
PDV Midwest Refining LLC Lemont (Chicago).....	83,200	0	15,000	35,500	0	0	0	0
Indiana.....	127,500	0	5,000	97,000	6,000	0	100,000	0
BP Products North America, Inc. Whiting.....	117,500	0	5,000	97,000	6,000	0	100,000	0
Countrymark Cooperative Inc. Mount Vernon.....	10,000	0	0	0	0	0	0	0
Kansas.....	106,500	0	19,000	90,000	12,000	0	45,000	0
Farmland Industries Inc. Coffeyville.....	30,000	0	7,000	28,000	0	0	0	0
Frontier Refining & Marketing Inc. El Dorado.....	42,000	0	12,000	24,000	0	0	45,000	0
NCRA McPherson.....	34,500	0	0	38,000	12,000	0	0	0
Kentucky.....	51,300	0	0	75,000	0	0	95,000	0
Marathon Ashland Petro LLC Cattlettsburg.....	50,000	0	0	75,000	0	0	95,000	0
Somerset Refinery Inc. Somerset.....	1,300	0	0	0	0	0	0	0
Louisiana.....	639,928	294,000	126,800	418,100	154,300	12,500	375,500	73,700
Calcasieu Refining Co. Lake Charles.....	0	0	0	0	0	0	0	0
Calumet Lubricants Co. LP Cotton Valley.....	4,750	0	0	0	0	0	0	0
Princeton.....	0	0	0	0	8,500	0	0	0
Shreveport.....	8,000	0	0	0	8,000	0	8,000	1,200
Chalmette Refining LLC Chalmette.....	40,000	0	0	0	27,500	0	60,000	0
Citgo Petroleum Corp. Lake Charles.....	123,000	35,000	29,000	37,500	0	0	74,500	0
ConocoPhillips Belle Chasse.....	48,300	0	0	70,100	0	0	0	0
Westlake.....	50,000	0	24,000	55,000	0	12,500	49,000	0
ExxonMobil Refg & Supply Co. Baton Rouge.....	74,000	204,000	0	100,000	0	0	0	72,500
Marathon Ashland Petro LLC Garyville.....	50,000	0	0	0	71,000	0	106,000	0
Motiva Enterprises LLC Convent.....	98,000	0	39,800	61,000	0	0	36,000	0
Norco.....	38,500	55,000	0	47,000	0	0	0	0
Murphy Oil U.S.A. Inc. Meraux.....	35,000	0	18,000	34,000	0	0	12,000	0
Placid Refining Co. Port Allen.....	10,000	0	0	13,500	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Shell Chem LP									
Saint Rose	55,000	0	56,000	0	28,000	0	0	0	0
Valero Refining Co. Louisiana									
Krotz Springs	78,000	0	80,000	0	36,200	0	0	0	0
Valero Saint Charles Refinery (Formerly Orion Refining Corp)									
Norco	155,000	0	157,000	0	100,000	56,000	0	0	0
Michigan	74,000	0	77,000	0	38,000	0	0	0	0
Marathon Ashland Petro LLC									
Detroit	74,000	0	77,000	0	38,000	0	0	0	0
Minnesota	335,000	0	369,000	0	307,000	70,000	0	0	0
Flint Hills Resources LP									
Saint Paul	265,000	0	290,000	0	275,000	70,000	0	0	0
Marathon Ashland Petro LLC									
Saint Paul Park	70,000	0	79,000	0	32,000	0	0	0	0
Mississippi	364,800	0	393,300	0	338,875	97,000	0	0	0
Chevron U.S.A. Inc.									
Pascagoula	325,000	0	350,000	0	314,000	97,000	0	0	0
Ergon Refining Inc.									
Vicksburg	23,000	0	24,300	0	18,000	0	0	0	0
Hunt Southland Refining Company (Formerly Southland Oil Company)									
Lumberton	5,800	0	6,500	0	0	0	0	0	0
Sandersville	11,000	0	12,500	0	6,875	0	0	0	0
Montana	181,200	0	190,000	0	92,010	19,450	9,300	0	0
Cenex Harvest States Coop									
Laurel	55,000	0	58,000	0	27,860	0	0	0	0
ConocoPhillips									
Billings	60,000	0	63,000	0	30,250	19,450	0	0	0
ExxonMobil Refg & Supply Co.									
Billings	58,000	0	60,500	0	28,900	0	9,300	0	0
Montana Refining Co.									
Great Falls	8,200	0	8,500	0	5,000	0	0	0	0
Nevada	1,925	0	5,000	0	5,000	0	0	0	0
Foreland Refining Corp.									
Eagle Springs	1,925	0	5,000	0	5,000	0	0	0	0
New Jersey	645,000	49,500	673,000	70,000	301,000	26,000	0	0	0
Amerada Hess Corp.									
Port Reading	0	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc.									
Perth Amboy	80,000	0	83,000	0	47,000	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Shell Chem LP Saint Rose.....	0	0	0	0	0	0	0	0
Valero Refining Co. Louisiana Krotz Springs.....	34,000	0	0	0	0	0	13,000	0
Valero Saint Charles Refinery (Formerly Orion Refining Corp) Norco.....	92,000	8,000	0	0	0	25,000	0	0
Michigan.....	29,000	0	0	0	0	20,000	0	0
Marathon Ashland Petro LLC Detroit.....	29,000	0	0	0	0	20,000	0	0
Minnesota.....	112,500	0	0	0	0	58,500	13,800	0
Flint Hills Resources LP Saint Paul.....	86,500	0	0	0	0	37,500	13,800	0
Marathon Ashland Petro LLC Saint Paul Park.....	26,000	0	0	0	0	21,000	0	0
Mississippi.....	67,000	0	0	66,000	0	62,000	34,000	0
Chevron U.S.A. Inc. Pascagoula.....	67,000	0	0	66,000	0	62,000	34,000	0
Ergon Refining Inc. Vicksburg.....	0	0	0	0	0	0	0	0
Hunt Southland Refining Company (Formerly Southland Oil Company) Lumberton.....	0	0	0	0	0	0	0	0
Sandersville.....	0	0	0	0	0	0	0	0
Montana.....	57,100	990	0	6,000	0	12,000	27,080	4,000
Cenex Harvest States Coop Laurel.....	13,500	0	0	0	0	12,000	0	4,000
ConocoPhillips Billings.....	20,500	990	0	0	0	0	13,550	0
ExxonMobil Refg & Supply Co. Billings.....	20,600	0	0	6,000	0	0	12,500	0
Montana Refining Co. Great Falls.....	2,500	0	0	0	0	0	1,030	0
Nevada.....	0	0	0	0	0	0	0	0
Foreland Refining Corp. Eagle Springs.....	0	0	0	0	0	0	0	0
New Jersey.....	317,500	0	0	0	0	96,000	0	22,000
Amerada Hess Corp. Port Reading.....	62,500	0	0	0	0	0	0	0
Chevron U.S.A. Inc. Perth Amboy.....	0	0	0	0	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
Shell Chem LP Saint Rose.....	0	0	0	0	0	0	0	0
Valero Refining Co. Louisiana Krotz Springs.....	14,000	0	0	0	0	0	0	0
Valero Saint Charles Refinery (Formerly Orion Refining Corp) Norco.....	46,378	0	16,000	0	39,300	0	30,000	0
Michigan.....	15,000	0	0	0	7,000	0	30,000	0
Marathon Ashland Petro LLC Detroit.....	15,000	0	0	0	7,000	0	30,000	0
Minnesota.....	120,000	0	34,000	72,000	29,000	0	128,500	0
Flint Hills Resources LP Saint Paul.....	99,000	0	34,000	72,000	0	0	101,500	0
Marathon Ashland Petro LLC Saint Paul Park.....	21,000	0	0	0	29,000	0	27,000	0
Mississippi.....	57,300	0	30,000	35,000	0	0	100,000	62,000
Chevron U.S.A. Inc. Pascagoula.....	57,300	0	30,000	35,000	0	0	100,000	50,000
Ergon Refining Inc. Vicksburg.....	0	0	0	0	0	0	0	12,000
Hunt Southland Refining Company (Formerly Southland Oil Company) Lumberton.....	0	0	0	0	0	0	0	0
Sandersville.....	0	0	0	0	0	0	0	0
Montana.....	44,250	23,000	19,250	28,400	16,000	0	43,200	7,000
Cenex Harvest States Coop Laurel.....	16,000	0	0	0	16,000	0	16,000	0
ConocoPhillips Billings.....	13,550	6,000	4,350	15,900	0	0	24,200	0
ExxonMobil Refg & Supply Co. Billings.....	13,600	17,000	13,900	10,500	0	0	0	7,000
Montana Refining Co. Great Falls.....	1,100	0	1,000	2,000	0	0	3,000	0
Nevada.....	0	0	0	0	0	0	0	0
Foreland Refining Corp. Eagle Springs.....	0	0	0	0	0	0	0	0
New Jersey.....	127,000	35,000	53,500	85,000	32,000	11,000	54,000	18,000
Amerada Hess Corp. Port Reading.....	0	0	0	0	0	0	0	18,000
Chevron U.S.A. Inc. Perth Amboy.....	0	0	0	0	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Citgo Asphalt Refining Co. Paulsboro.....	0	49,500	0	70,000	40,000	0	0	0	0
Coastal Eagle Point Oil Co. Westville.....	150,000	0	159,000	0	49,000	0	0	0	0
ConocoPhillips Linden.....	255,000	0	265,000	0	75,000	0	0	0	0
Valero Refining Co. New Jersey Paulsboro.....	160,000	0	166,000	0	90,000	26,000	0	0	0
New Mexico.....	95,600	0	101,107	0	18,700	0	0	0	0
Giant Industries Inc. Bloomfield.....	16,800	0	18,107	0	0	0	0	0	0
Giant Refining Co. Gallup.....	20,800	0	21,000	0	0	0	0	0	0
Navajo Refining Co. Artesia.....	58,000	0	62,000	0	18,700	0	0	0	0
North Dakota.....	58,000	0	60,000	0	0	0	0	0	0
Tesoro West Coast Mandan.....	58,000	0	60,000	0	0	0	0	0	0
Ohio.....	534,305	0	561,000	0	153,500	56,000	0	0	0
BP Products North America, Inc. Toledo.....	160,000	0	163,000	0	71,500	33,500	0	0	0
Marathon Ashland Petro LLC Canton.....	73,000	0	74,000	0	30,000	0	0	0	0
Premcor Refg Group Inc Lima.....	151,305	0	165,000	0	52,000	22,500	0	0	0
Sunoco Inc. Toledo.....	150,000	0	159,000	0	0	0	0	0	0
Oklahoma.....	476,505	0	508,294	0	181,800	35,900	0	0	0
ConocoPhillips Ponca City.....	194,000	0	202,300	0	76,800	26,900	0	0	0
Sinclair Oil Corp. Tulsa.....	70,300	0	75,494	0	27,000	0	0	0	0
Sunoco Inc. Tulsa.....	85,000	0	90,000	0	29,000	9,000	0	0	0
TPI Petro Inc. Ardmore.....	74,705	0	85,000	0	32,000	0	0	0	0
Wynnewood Refining Co. Wynnewood.....	52,500	0	55,500	0	17,000	0	0	0	0
Oregon.....	0	0	0	0	11,000	0	0	0	0
Chevron U.S.A. Inc. Portland.....	0	0	0	0	11,000	0	0	0	0
Pennsylvania.....	760,000	0	808,500	0	264,000	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Citgo Asphalt Refining Co. Paulsboro.....	0	0	0	0	0	0	0	0
Coastal Eagle Point Oil Co. Westville.....	55,000	0	0	0	0	30,000	0	0
ConocoPhillips Linden.....	145,000	0	0	0	0	31,000	0	22,000
Valero Refining Co. New Jersey Paulsboro.....	55,000	0	0	0	0	35,000	0	0
New Mexico.....	39,500	3,500	0	0	0	15,000	10,800	0
Giant Industries Inc. Bloomfield.....	6,000	500	0	0	0	0	4,000	0
Giant Refining Co. Gallup.....	8,500	3,000	0	0	0	0	6,800	0
Navajo Refining Co. Artesia.....	25,000	0	0	0	0	15,000	0	0
North Dakota.....	26,000	3,600	0	0	0	0	12,100	0
Tesoro West Coast Mandan.....	26,000	3,600	0	0	0	0	12,100	0
Ohio.....	187,000	0	0	89,000	0	18,000	146,500	0
BP Products North America, Inc. Toledo.....	55,000	0	0	31,000	0	0	43,000	0
Marathon Ashland Petro LLC Canton.....	24,000	0	0	0	0	18,000	0	0
Premcor Refg Group Inc Lima.....	40,000	0	0	26,000	0	0	55,500	0
Sunoco Inc. Toledo.....	68,000	0	0	32,000	0	0	48,000	0
Oklahoma.....	139,800	2,250	6,000	0	0	33,964	88,900	4,850
ConocoPhillips Ponca City.....	68,000	0	0	0	0	0	52,100	0
Sinclair Oil Corp. Tulsa.....	25,500	2,250	0	0	0	0	16,800	0
Sunoco Inc. Tulsa.....	0	0	0	0	0	0	20,000	0
TPI Petro Inc. Ardmore.....	26,300	0	0	0	0	19,964	0	0
Wynnewood Refining Co. Wynnewood.....	20,000	0	6,000	0	0	14,000	0	4,850
Oregon.....	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc. Portland.....	0	0	0	0	0	0	0	0
Pennsylvania.....	305,500	1,000	0	0	22,000	50,000	121,800	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
Citgo Asphalt Refining Co. Paulsboro.....	0	0	0	0	0	0	0	0
Coastal Eagle Point Oil Co. Westville.....	30,000	0	0	0	18,000	11,000	0	0
ConocoPhillips Linden.....	72,000	0	25,000	39,000	14,000	0	54,000	0
Valero Refining Co. New Jersey Paulsboro.....	25,000	35,000	28,500	46,000	0	0	0	0
New Mexico.....	35,800	0	9,500	22,000	0	0	0	0
Giant Industries Inc. Bloomfield.....	4,000	0	0	3,000	0	0	0	0
Giant Refining Co. Gallup.....	6,800	0	0	3,000	0	0	0	0
Navajo Refining Co. Artesia.....	25,000	0	9,500	16,000	0	0	0	0
North Dakota.....	12,600	0	0	12,000	0	0	0	0
Tesoro West Coast Mandan.....	12,600	0	0	12,000	0	0	0	0
Ohio.....	176,200	0	0	15,500	9,000	0	68,000	0
BP Products North America, Inc. Toledo.....	40,000	0	0	15,500	0	0	42,000	0
Marathon Ashland Petro LLC Canton.....	25,000	0	0	0	9,000	0	26,000	0
Premcor Refg Group Inc Lima.....	63,000	0	0	0	0	0	0	0
Sunoco Inc. Toledo.....	48,200	0	0	0	0	0	0	0
Oklahoma.....	135,860	65,000	15,500	86,504	0	10,500	54,200	12,300
ConocoPhillips Ponca City.....	52,100	43,000	15,500	35,700	0	0	23,000	12,300
Sinclair Oil Corp. Tulsa.....	20,000	22,000	0	17,628	0	0	0	0
Sunoco Inc. Tulsa.....	25,000	0	0	0	0	10,500	0	0
TPI Petro Inc. Ardmore.....	25,760	0	0	33,176	0	0	31,200	0
Wynnewood Refining Co. Wynnewood.....	13,000	0	0	0	0	0	0	0
Oregon.....	0	0	0	0	0	0	0	0
Chevron U.S.A. Inc. Portland.....	0	0	0	0	0	0	0	0
Pennsylvania.....	212,300	3,000	16,440	120,360	44,200	0	64,000	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
American Refining Group Inc.									
Bradford.....	10,000	0	10,500	0	0	0	0	0	0
ConocoPhillips									
Trainer.....	180,000	0	190,000	0	73,000	0	0	0	0
Sunoco Inc.									
Marcus Hook.....	175,000	0	185,000	0	0	0	0	0	0
Sunoco Inc. (R&M)									
Philadelphia.....	330,000	0	355,000	0	160,000	0	0	0	0
United Refining Co.									
Warren.....	65,000	0	68,000	0	31,000	0	0	0	0
Tennessee.....	180,000	0	182,000	0	0	0	0	0	0
Premcor Refining Group Inc (Formerly Williams Refining LLC)									
Memphis.....	180,000	0	182,000	0	0	0	0	0	0
Texas.....	4,467,610	880	4,704,880	1,100	2,164,300	679,650	42,000	0	0
Age Refining, Inc.									
San Antonio.....	9,112	0	13,500	0	0	0	0	0	0
Alon USA LP									
Big Spring.....	61,000	0	64,300	0	24,000	0	0	0	0
Atofina Petrochemicals Inc.									
Port Arthur.....	175,068	0	180,000	0	52,000	0	0	0	0
BP Products North America, Inc.									
Texas City.....	437,000	0	460,000	0	240,000	44,000	0	0	0
Citgo Refining & Chemical Inc.									
Corpus Christi.....	156,000	0	165,000	0	75,000	43,000	0	0	0
ConocoPhillips									
Borger.....	145,800	0	152,400	0	0	0	0	0	0
Sweeny.....	217,000	0	227,580	0	117,000	67,950	0	0	0
Crown Central Petro Corp									
Pasadena.....	100,000	0	103,000	0	38,000	12,500	0	0	0
Deer Park Refg LTD Ptnrshp									
Deer Park.....	333,700	0	340,000	0	185,500	85,000	0	0	0
ExxonMobil Refg & Supply Co.									
Baytown.....	557,000	0	580,000	0	263,000	45,500	42,000	0	0
Beaumont.....	348,500	0	363,100	0	148,800	50,700	0	0	0
Flint Hills Resources LP									
Corpus Christi.....	259,980	0	305,000	0	87,500	13,000	0	0	0
Haltermann Products									
Channelview.....	0	880	0	1,100	0	0	0	0	0
La Gloria Oil & Gas Co.									
Tyler.....	55,000	0	60,000	0	15,000	6,000	0	0	0
Lyondell Citgo Refining Co. LTD.									
Houston.....	270,200	0	283,000	0	192,500	101,500	0	0	0
Marathon Ashland Petro LLC									
Texas City.....	72,000	0	76,000	0	0	0	0	0	0
Motiva Enterprises LLC									
Port Arthur.....	250,000	0	270,000	0	123,000	57,500	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
American Refining Group Inc.								
Bradford.....	0	0	0	0	0	0	1,800	0
ConocoPhillips								
Trainer.....	52,000	0	0	0	22,000	50,000	0	0
Sunoco Inc.								
Marcus Hook.....	105,000	0	0	0	0	0	20,000	0
Sunoco Inc. (R&M)								
Philadelphia.....	123,500	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	0	0	0	36,000	0	0
Premcor Refining Group Inc (Formerly Williams Refining LLC)								
Memphis.....	70,000	0	0	0	0	36,000	0	0
Texas.....	1,831,990	34,500	233,400	199,000	61,400	871,700	251,500	174,000
Age Refining, Inc.								
San Antonio.....	0	0	0	0	0	0	0	0
Alon USA LP								
Big Spring.....	25,000	0	0	0	0	21,000	0	10,000
Atofina Petrochemicals Inc.								
Port Arthur.....	70,000	0	11,000	0	0	37,600	0	19,500
BP Products North America, Inc.								
Texas City.....	220,600	4,300	60,000	0	61,400	63,000	75,000	17,000
Citgo Refining & Chemical Inc.								
Corpus Christi.....	80,000	0	0	0	0	50,000	0	0
ConocoPhillips								
Borger.....	64,800	5,200	0	0	0	0	26,000	0
Sweeny.....	100,680	12,000	0	0	0	36,000	0	0
Crown Central Petro Corp								
Pasadena.....	56,000	0	0	0	0	23,000	0	0
Deer Park Refg LTD Ptnrshp								
Deer Park.....	70,000	5,000	0	67,000	0	47,000	24,000	0
ExxonMobil Refg & Supply Co.								
Baytown.....	213,000	8,000	28,000	0	0	126,000	0	48,000
Beaumont.....	113,500	0	65,900	0	0	155,100	0	0
Flint Hills Resources LP								
Corpus Christi.....	104,160	0	11,500	0	0	52,000	18,000	0
Haltermann Products								
Channelview.....	0	0	0	0	0	0	0	0
La Gloria Oil & Gas Co.								
Tyler.....	20,250	0	0	0	0	13,000	4,500	0
Lyondell Citgo Refining Co. LTD.								
Houston.....	100,000	0	0	0	0	0	42,000	0
Marathon Ashland Petro LLC								
Texas City.....	55,000	0	0	0	0	0	11,000	0
Motiva Enterprises LLC								
Port Arthur.....	90,000	0	22,000	0	0	48,000	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
American Refining Group Inc.								
Bradford.....	3,300	0	0	0	0	0	0	0
ConocoPhillips								
Trainer.....	54,000	0	13,440	24,360	4,200	0	40,000	0
Sunoco Inc.								
Marcus Hook.....	45,000	0	0	0	40,000	0	0	0
Sunoco Inc. (R&M)								
Philadelphia.....	88,000	0	0	79,000	0	0	24,000	0
United Refining Co.								
Warren.....	22,000	3,000	3,000	17,000	0	0	0	0
Tennessee.....	60,000	0	0	53,000	0	0	0	0
Premcor Refining Group Inc (Formerly Williams Refining LLC)								
Memphis.....	60,000	0	0	53,000	0	0	0	0
Texas.....	1,248,100	468,700	409,100	863,350	103,000	250,000	762,400	250,600
Age Refining, Inc.								
San Antonio.....	0	0	0	0	0	0	0	0
Alon USA LP								
Big Spring.....	25,500	0	3,600	22,750	0	0	6,500	0
Atofina Petrochemicals Inc.								
Port Arthur.....	45,500	10,000	0	0	42,000	0	30,000	0
BP Products North America, Inc.								
Texas City.....	141,000	112,000	41,000	98,000	0	0	96,600	0
Citgo Refining & Chemical Inc.								
Corpus Christi.....	50,000	0	0	49,000	0	0	70,000	0
ConocoPhillips								
Borger.....	26,500	0	0	45,000	0	66,000	0	0
Sweeny.....	65,500	8,700	0	64,600	0	0	82,300	0
Crown Central Petro Corp								
Pasadena.....	28,000	0	0	7,000	16,000	0	0	0
Deer Park Refg LTD Ptnrshp								
Deer Park.....	80,000	0	35,000	0	45,000	0	80,000	41,000
ExxonMobil Refg & Supply Co.								
Baytown.....	153,000	80,000	131,000	100,000	0	0	110,000	164,300
Beaumont.....	157,400	25,000	52,500	27,500	0	0	0	32,200
Flint Hills Resources LP								
Corpus Christi.....	80,800	45,000	17,000	56,000	0	0	47,000	0
Haltermann Products								
Channelview.....	0	0	0	0	0	0	0	0
La Gloria Oil & Gas Co.								
Tyler.....	20,000	0	0	12,000	0	0	0	0
Lyondell Citgo Refining Co. LTD.								
Houston.....	90,900	0	0	115,000	0	0	103,000	4,100
Marathon Ashland Petro LLC								
Texas City.....	0	0	0	0	0	0	0	0
Motiva Enterprises LLC								
Port Arthur.....	48,000	52,000	39,000	52,000	0	0	24,000	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Premcor Refg Group Inc									
Port Arthur.....	255,000	0	260,000	0	120,000	90,000	0	0	0
South Hampton Refining Co.									
Silsbee.....	0	0	0	0	0	0	0	0	0
Trigeant LTD									
Corpus Christi.....	0	0	0	0	29,000	0	0	0	0
Valero Energy Corporation (Formerly Diamond Shamrock Refg & Mktg)									
Sunray.....	155,000	0	160,000	0	50,000	0	0	0	0
Three Rivers.....	90,000	0	97,000	0	35,000	0	0	0	0
Valero Refining Co. Texas									
Corpus Christi.....	134,000	0	138,000	0	97,000	18,000	0	0	0
Houston.....	83,000	0	85,000	0	39,000	0	0	0	0
Texas City.....	204,250	0	215,000	0	190,000	45,000	0	0	0
Western Refining Company LP (Formerly Chevron USA Inc)									
El Paso.....	99,000	0	107,000	0	43,000	0	0	0	0
Utah.....	161,950	0	171,000	0	43,500	8,500	0	0	0
Big West Oil Co.									
North Salt Lake.....	24,000	0	25,000	0	5,500	0	0	0	0
Chevron U.S.A. Inc.									
Salt Lake City.....	45,000	0	49,000	0	27,500	8,500	0	0	0
Holly Corp Refining & Marketing (Formerly Phillips 66 Co)									
Woods Cross.....	24,700	0	26,000	0	5,500	0	0	0	0
Silver Eagle Refining									
Woods Cross.....	10,250	0	11,000	0	5,000	0	0	0	0
Tesoro West Coast									
Salt Lake City.....	58,000	0	60,000	0	0	0	0	0	0
Virginia.....	58,600	0	61,800	0	37,300	19,000	0	0	0
Giant Yorktown Refg									
Yorktown.....	58,600	0	61,800	0	37,300	19,000	0	0	0
Washington.....	602,850	18,500	633,135	10,000	291,204	89,700	0	0	0
BP West Coast Products LLC									
Ferndale (Cherry Point).....	225,000	0	232,000	0	106,000	64,000	0	0	0
ConocoPhillips									
Ferndale.....	92,000	0	97,385	0	48,804	0	0	0	0
Shell Oil Products US									
Anacortes.....	135,700	9,300	147,500	0	62,300	25,700	0	0	0
Tesoro West Coast									
Anacortes.....	115,000	0	120,000	0	47,000	0	0	0	0
U.S. Oil & Refining Co.									
Tacoma.....	35,150	9,200	36,250	10,000	27,100	0	0	0	0
West Virginia.....	19,400	0	20,000	0	8,600	0	0	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Premcor Refg Group Inc								
Port Arthur.....	80,000	0	20,000	25,000	0	51,000	0	0
South Hampton Refining Co.								
Silsbee.....	0	0	0	0	0	1,500	0	0
Trigeant LTD								
Corpus Christi.....	0	0	0	0	0	0	0	0
Valero Energy Corporation								
(Formerly Diamond Shamrock Refg & Mktg)								
Sunray.....	54,000	0	15,000	28,000	0	28,000	18,500	16,500
Three Rivers.....	24,000	0	0	30,000	0	22,000	11,000	10,000
Valero Refining Co. Texas								
Corpus Christi.....	116,000	0	0	49,000	0	59,000	10,000	0
Houston.....	65,000	0	0	0	0	0	11,500	18,000
Texas City.....	80,000	0	0	0	0	14,500	0	35,000
Western Refining Company LP								
(Formerly Chevron USA Inc)								
El Paso.....	30,000	0	0	0	0	24,000	0	0
Utah.....	55,900	2,200	0	0	0	0	35,000	5,040
Big West Oil Co.								
North Salt Lake.....	10,000	0	0	0	0	0	5,500	0
Chevron U.S.A. Inc.								
Salt Lake City.....	14,000	0	0	0	0	0	8,000	0
Holly Corp Refining & Marketing								
(Formerly Phillips 66 Co)								
Woods Cross.....	8,900	0	0	0	0	0	7,700	5,040
Silver Eagle Refining								
Woods Cross.....	0	0	0	0	0	0	2,200	0
Tesoro West Coast								
Salt Lake City.....	23,000	2,200	0	0	0	0	11,600	0
Virginia.....	28,200	2,000	0	0	0	0	12,100	0
Giant Yorktown Refg								
Yorktown.....	28,200	2,000	0	0	0	0	12,100	0
Washington.....	136,400	3,000	0	58,000	0	43,423	100,960	30,000
BP West Coast Products LLC								
Ferndale (Cherry Point).....	0	0	0	58,000	0	0	63,000	0
ConocoPhillips								
Ferndale.....	33,500	0	0	0	0	17,423	0	0
Shell Oil Products US								
Anacortes.....	57,900	0	0	0	0	0	31,760	0
Tesoro West Coast								
Anacortes.....	45,000	3,000	0	0	0	26,000	0	30,000
U.S. Oil & Refining Co.								
Tacoma.....	0	0	0	0	0	0	6,200	0
West Virginia.....	0	0	0	0	0	3,400	0	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
Premcor Refg Group Inc								
Port Arthur.....	50,000	75,000	32,000	45,000	0	0	65,000	0
South Hampton Refining Co.								
Silsbee.....	4,000	0	0	0	0	0	0	2,000
Trigeant LTD								
Corpus Christi.....	0	0	0	0	0	0	0	0
Valero Energy Corporation								
(Formerly Diamond Shamrock Refg & Mktg)								
Sunray.....	37,000	3,000	0	30,000	0	0	0	0
Three Rivers.....	22,000	0	0	31,000	0	0	20,000	0
Valero Refining Co. Texas								
Corpus Christi.....	66,000	0	11,000	13,000	0	74,000	28,000	0
Houston.....	12,000	7,500	0	26,500	0	0	0	0
Texas City.....	21,000	50,500	38,000	52,000	0	110,000	0	7,000
Western Refining Company LP								
(Formerly Chevron USA Inc)								
El Paso.....	24,000	0	9,000	17,000	0	0	0	0
Utah.....	41,700	0	0	24,300	1,900	0	0	7,200
Big West Oil Co.								
North Salt Lake.....	7,000	0	0	7,000	0	0	0	0
Chevron U.S.A. Inc.								
Salt Lake City.....	8,300	0	0	13,300	0	0	0	7,200
Holly Corp Refining & Marketing								
(Formerly Phillips 66 Co)								
Woods Cross.....	12,600	0	0	0	1,900	0	0	0
Silver Eagle Refining								
Woods Cross.....	2,200	0	0	4,000	0	0	0	0
Tesoro West Coast								
Salt Lake City.....	11,600	0	0	0	0	0	0	0
Virginia.....	11,900	0	0	0	18,960	0	0	0
Giant Yorktown Refg								
Yorktown.....	11,900	0	0	0	18,960	0	0	0
Washington.....	144,498	54,000	67,546	67,703	29,300	0	7,600	0
BP West Coast Products LLC								
Ferndale (Cherry Point).....	53,000	0	10,000	16,000	0	0	0	0
ConocoPhillips								
Ferndale.....	18,198	20,000	14,806	29,903	0	0	0	0
Shell Oil Products US								
Anacortes.....	31,800	34,000	42,740	16,000	0	0	0	0
Tesoro West Coast								
Anacortes.....	34,000	0	0	0	29,300	0	7,600	0
U.S. Oil & Refining Co.								
Tacoma.....	7,500	0	0	5,800	0	0	0	0
West Virginia.....	4,200	0	0	0	0	0	6,100	0

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Ergon West Virginia Inc. Newell (Congo).....	19,400	0	20,000	0	8,600	0	0	0	0
Wisconsin.....	33,000	0	35,000	0	20,500	0	0	0	0
Murphy Oil U.S.A. Inc. Superior.....	33,000	0	35,000	0	20,500	0	0	0	0
Wyoming.....	152,000	0	161,300	0	64,400	10,000	0	0	0
Frontier Refg Inc. Cheyenne.....	46,000	0	50,000	0	25,000	10,000	0	0	0
Little America Refining Co. Evansville (Casper).....	24,500	0	25,500	0	5,600	0	0	0	0
Silver Eagle Refining Evanston.....	3,000	0	3,300	0	0	0	0	0	0
Sinclair Oil Corp. Sinclair.....	66,000	0	70,000	0	32,000	0	0	0	0
Wyoming Refining Co. Newcastle.....	12,500	0	12,500	0	1,800	0	0	0	0
U.S. Total.....	16,759,334	134,980	17,657,434	157,600	7,963,995	2,205,880	197,800	18,000	13,400
Puerto Rico.....	68,684	42,000	76,400	48,000	53,465	0	0	0	0
Caribbean Petroleum Corp. San Juan.....	0	42,000	0	48,000	22,000	0	0	0	0
Shell Chem Yabucoa Inc. Yabucoa.....	68,684	0	76,400	0	31,465	0	0	0	0
Virgin Islands.....	495,000	0	515,000	0	225,000	62,000	0	45,000	0
Hovensa LLC Kingshill (St Croix).....	495,000	0	515,000	0	225,000	62,000	0	45,000	0

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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	
Ergon West Virginia Inc. Newell (Congo).....	0	0	0	0	0	3,400	0	0
Wisconsin.....	11,000	0	0	0	0	8,000	0	0
Murphy Oil U.S.A. Inc. Superior.....	11,000	0	0	0	0	8,000	0	0
Wyoming.....	49,724	500	11,000	0	0	8,200	23,400	0
Frontier Refg Inc. Cheyenne.....	12,000	0	0	0	0	8,200	0	0
Little America Refining Co. Evansville (Casper).....	10,500	500	0	0	0	0	6,000	0
Silver Eagle Refining Evanston.....	0	0	0	0	0	0	2,150	0
Sinclair Oil Corp. Sinclair.....	21,500	0	11,000	0	0	0	12,500	0
Wyoming Refining Co. Newcastle.....	5,724	0	0	0	0	0	2,750	0
U.S. Total.....	6,097,894	87,240	537,300	864,400	200,400	2,300,287	1,512,170	366,290
Puerto Rico.....	14,200	0	0	19,800	0	20,000	6,500	0
Caribbean Petroleum Corp. San Juan.....	14,200	0	0	0	0	0	6,500	0
Shell Chem Yabucoa Inc. Yabucoa.....	0	0	0	19,800	0	20,000	0	0
Virgin Islands.....	149,000	0	0	0	0	90,000	25,000	0
Hovensa LLC Kingshill (St Croix).....	149,000	0	0	0	0	90,000	25,000	0

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."

Table 38. Capacity of Operable Petroleum Refineries by State as of January 1, 2004
(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
Ergon West Virginia Inc. Newell (Congo).....	4,200	0	0	0	0	0	6,100	0
Wisconsin.....	9,000	0	0	7,800	0	0	0	0
Murphy Oil U.S.A. Inc. Superior.....	9,000	0	0	7,800	0	0	0	0
Wyoming.....	35,150	7,000	0	44,800	0	3,000	15,000	0
Frontier Refg Inc. Cheyenne.....	9,200	7,000	0	17,000	0	0	0	0
Little America Refining Co. Evansville (Casper).....	7,200	0	0	8,000	0	0	0	0
Silver Eagle Refining Evanston.....	3,250	0	0	0	0	0	0	0
Sinclair Oil Corp. Sinclair.....	12,500	0	0	16,000	0	3,000	15,000	0
Wyoming Refining Co. Newcastle.....	3,000	0	0	3,800	0	0	0	0
U.S. Total.....	4,350,386	1,262,800	1,021,436	2,855,217	582,660	287,000	2,647,800	493,500
Puerto Rico.....	26,800	0	0	11,000	0	0	0	0
Caribbean Petroleum Corp. San Juan.....	6,800	0	0	11,000	0	0	0	0
Shell Chem Yabucoa Inc. Yabucoa.....	20,000	0	0	0	0	0	0	0
Virgin Islands.....	115,000	0	55,000	60,000	40,000	0	145,000	56,000
Hovensa LLC Kingshill (St Croix).....	115,000	0	55,000	60,000	40,000	0	145,000	56,000

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."