

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2008

PAD District and State	Number of Operable Refineries			Atmospheric Crude Oil Distillation Capacity					
				Barrels per Calendar Day			Barrels per Stream Day		
	Total	Operating	Idle ^a	Total	Operating	Idle ^b	Total	Operating	Idle ^b
PAD District I	15	13	2	1,721,850	1,661,850	60,000	1,816,700	1,749,700	67,000
Delaware.....	1	1	0	182,200	182,200	0	190,200	190,200	0
Georgia.....	1	0	1	28,000	0	28,000	32,000	0	32,000
New Jersey.....	6	5	1	655,000	623,000	32,000	686,000	651,000	35,000
Pennsylvania.....	5	5	0	773,000	773,000	0	819,500	819,500	0
Virginia.....	1	1	0	63,650	63,650	0	67,000	67,000	0
West Virginia.....	1	1	0	20,000	20,000	0	22,000	22,000	0
PAD District II	27	26	1	3,658,050	3,652,550	5,500	3,934,560	3,928,260	6,300
Illinois.....	4	4	0	915,600	915,600	0	956,300	956,300	0
Indiana.....	2	2	0	433,000	433,000	0	444,000	444,000	0
Kansas.....	3	3	0	305,900	305,900	0	319,500	319,500	0
Kentucky.....	2	1	1	231,500	226,000	5,500	256,300	250,000	6,300
Michigan.....	1	1	0	102,000	102,000	0	114,000	114,000	0
Minnesota.....	2	2	0	362,150	362,150	0	422,500	422,500	0
North Dakota.....	1	1	0	58,000	58,000	0	60,000	60,000	0
Ohio.....	4	4	0	515,200	515,200	0	584,500	584,500	0
Oklahoma.....	6	6	0	520,400	520,400	0	560,460	560,460	0
Tennessee.....	1	1	0	180,000	180,000	0	182,000	182,000	0
Wisconsin.....	1	1	0	34,300	34,300	0	35,000	35,000	0
PAD District III	56	56	0	8,415,829	8,148,279	267,550	8,816,362	8,545,712	270,650
Alabama.....	3	3	0	124,600	124,600	0	136,000	136,000	0
Arkansas.....	2	2	0	77,500	77,500	0	79,700	79,700	0
Louisiana.....	19	19	0	2,976,383	2,951,383	25,000	3,117,355	3,091,705	25,650
Mississippi.....	3	3	0	364,000	364,000	0	396,500	396,500	0
New Mexico.....	3	3	0	121,600	121,600	0	124,107	124,107	0
Texas.....	26	26	0	4,751,746	4,509,196	242,550	4,962,700	4,717,700	245,000
PAD District IV	16	16	0	603,300	603,300	0	641,200	641,200	0
Colorado.....	2	2	0	94,000	94,000	0	104,000	104,000	0
Montana.....	4	4	0	187,100	187,100	0	194,300	194,300	0
Utah.....	5	5	0	167,700	167,700	0	176,400	176,400	0
Wyoming.....	5	5	0	154,500	154,500	0	166,500	166,500	0
PAD District V	36	35	1	3,194,818	3,159,818	35,000	3,349,200	3,309,200	40,000
Alaska.....	6	6	0	375,280	375,280	0	409,200	409,200	0
California.....	21	20	1	2,042,188	2,007,188	35,000	2,132,000	2,092,000	40,000
Hawaii.....	2	2	0	147,500	147,500	0	152,000	152,000	0
Nevada.....	1	1	0	2,000	2,000	0	5,000	5,000	0
Oregon.....	1	1	0	0	0	0	0	0	0
Washington.....	5	5	0	627,850	627,850	0	651,000	651,000	0
U.S. Total	150	146	4	17,593,847	17,225,797	368,050	18,558,022	18,174,072	383,950
U.S. Total.....	150	146	4	17,593,847	17,225,797	368,050	18,558,022	18,174,072	383,950
Puerto Rico.....	1	1	0	77,900	77,900	0	85,000	85,000	0
Virgin Islands.....	1	1	0	500,000	500,000	0	525,000	525,000	0

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2008

PAD District and State	Downstream Charge Capacity (Barrels per Stream Day)							
	Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Hydro- Cracking ^c	Catalytic Reforming	Hydrotreating/ Desulfurization	Fuels Solvent Deasphalting
			Fresh	Recycled				
PAD District I	714,400	100,000	762,700	7,000	44,300	323,100	1,372,520	20,000
Delaware	104,600	53,000	83,000	4,000	22,300	43,800	151,500	0
Georgia	0	0	0	0	0	0	0	0
New Jersey	294,000	27,000	327,000	0	0	92,000	525,500	20,000
Pennsylvania	267,200	0	324,500	1,000	22,000	171,800	604,060	0
Virginia	40,000	20,000	28,200	2,000	0	12,100	72,860	0
West Virginia	8,600	0	0	0	0	3,400	18,600	0
PAD District II	1,561,570	420,160	1,292,756	13,550	275,000	933,754	3,417,478	17,350
Illinois	397,100	152,200	316,000	3,000	69,000	257,800	830,050	0
Indiana	255,000	36,000	173,200	4,200	0	96,500	366,000	0
Kansas	125,250	64,500	99,000	500	36,000	78,000	329,200	0
Kentucky	123,000	0	104,000	0	0	52,000	278,700	12,500
Michigan	51,000	0	32,500	0	0	20,000	100,000	0
Minnesota	227,000	70,800	115,000	0	40,000	70,300	397,000	0
North Dakota	0	0	27,000	3,600	0	12,100	31,900	0
Ohio	153,500	58,000	200,000	0	102,000	164,500	432,500	0
Oklahoma	209,220	38,660	145,056	2,250	28,000	138,554	458,928	4,850
Tennessee	0	0	70,000	0	0	36,000	160,000	0
Wisconsin	20,500	0	11,000	0	0	8,000	33,200	0
PAD District III	4,249,175	1,397,500	3,118,185	50,000	807,300	1,885,690	8,132,920	239,400
Alabama	46,000	14,600	0	0	0	29,800	90,000	0
Arkansas	32,000	0	19,900	0	0	14,800	87,300	7,400
Louisiana	1,478,300	499,200	1,142,980	13,500	252,200	569,800	2,532,950	59,000
Mississippi	338,875	105,000	88,000	0	74,000	96,000	284,300	0
New Mexico	24,600	0	41,500	3,500	0	35,800	117,300	0
Texas	2,329,400	778,700	1,825,805	33,000	481,100	1,139,490	5,021,070	173,000
PAD District IV	234,100	69,700	200,956	4,190	17,700	128,694	540,460	5,600
Colorado	33,500	0	30,000	500	0	21,000	78,100	0
Montana	98,700	46,700	63,250	990	6,200	39,080	211,950	0
Utah	37,500	8,500	57,400	2,200	0	37,214	121,860	5,600
Wyoming	64,400	14,500	50,306	500	11,500	31,400	128,550	0
PAD District V	1,661,256	618,900	891,100	4,000	626,025	620,700	2,344,100	96,000
Alaska	26,900	0	0	0	13,000	13,000	19,000	0
California	1,261,556	518,200	723,100	1,000	534,025	447,100	1,900,700	66,000
Hawaii	71,300	11,000	22,000	0	18,000	13,000	16,500	0
Nevada	5,000	0	0	0	0	0	0	0
Oregon	10,000	0	0	0	0	0	0	0
Washington	286,500	89,700	146,000	3,000	61,000	147,600	407,900	30,000
U.S. Total	8,420,501	2,606,260	6,265,697	78,740	1,770,325	3,891,938	15,807,478	378,350
U.S. Total	8,420,501	2,606,260	6,265,697	78,740	1,770,325	3,891,938	15,807,478	378,350
Puerto Rico	31,500	0	0	0	0	20,000	39,800	0
Virgin Islands	225,000	103,000	149,000	0	0	115,000	476,000	0

^a Refineries where distillation units were completely idle but not permanently shutdown on January 1, 2008.

^b Includes capacity from refineries that are either completely or partially idle.

^c Hydrocracking capacity declined from the prior year due to the reclassification of some hydrocracking capacity to hydrotreating capacity.

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

Table 2. Production Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

PAD District and State	Production Capacity							
	Alkylates	Aromatics	Asphalt and Road Oil	Isomers	Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons/day)
PAD District I	110,229	22,120	145,115	36,100	21,045	26,920	83	1,358
Delaware	11,729	1,700	0	6,000	0	13,620	40	596
Georgia	0	0	24,000	0	0	0	0	0
New Jersey	40,200	7,500	98,500	9,400	12,000	7,500	29	296
Pennsylvania	54,100	12,920	22,065	20,700	2,945	0	0	405
Virginia	4,200	0	0	0	0	5,800	14	60
West Virginia	0	0	550	0	6,100	0	0	1
PAD District II	275,050	57,900	310,016	153,100	18,100	123,601	502	5,856
Illinois	82,500	13,500	70,100	12,000	0	48,595	114	1,819
Indiana	37,700	17,000	65,700	28,200	0	13,400	31	559
Kansas	30,800	2,200	4,000	27,150	0	17,356	69	635
Kentucky	20,500	7,000	23,000	16,250	9,000	0	0	448
Michigan	5,000	0	23,000	0	0	0	0	146
Minnesota	18,000	0	58,000	10,500	0	22,000	194	1,119
North Dakota	4,400	0	0	0	0	0	0	17
Ohio	28,450	18,200	22,500	31,200	0	14,000	33	641
Oklahoma	34,100	0	36,216	23,800	9,100	8,250	61	322
Tennessee	12,000	0	0	4,000	0	0	0	116
Wisconsin	1,600	0	7,500	0	0	0	0	34
PAD District III	612,750	202,600	224,525	353,693	170,215	418,612	1,129	20,157
Alabama	0	0	15,000	3,200	0	2,500	9	140
Arkansas	5,000	0	16,100	6,600	5,000	0	3	157
Louisiana	208,400	39,700	66,500	132,420	77,220	142,336	142	5,703
Mississippi	18,600	21,000	36,125	0	11,400	35,500	238	1,324
New Mexico	10,900	0	6,700	14,140	0	0	10	161
Texas	369,850	141,900	84,100	197,333	76,595	238,276	727	12,672
PAD District IV	45,130	0	67,750	15,859	0	15,400	169	923
Colorado	0	0	12,250	985	0	0	22	116
Montana	17,550	0	38,100	5,950	0	8,800	89	416
Utah	17,580	0	3,300	7,900	0	1,900	0	59
Wyoming	10,000	0	14,100	1,024	0	4,700	58	332
PAD District V	217,826	2,850	111,033	168,050	39,800	150,850	1,226	5,193
Alaska	0	1,350	4,000	4,200	0	0	13	20
California	179,026	1,500	65,433	145,450	39,800	126,200	1,072	4,408
Hawaii	5,000	0	16,100	3,200	0	0	21	34
Nevada	0	0	5,000	0	0	0	0	0
Oregon	0	0	7,000	0	0	0	0	0
Washington	33,800	0	13,500	15,200	0	24,650	120	731
U.S. Total	1,260,985	285,470	858,439	726,802	249,160	735,383	3,109	33,487
Puerto Rico	0	0	0	0	0	0	18	22
Virgin Islands	20,000	20,000	0	18,000	0	19,000	0	550

MMcfd = Million cubic feet per day.

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

Directory of Operable Petroleum Refineries on Tables 3 and 4

Refiner	State(s) ^a	Refiner	State(s) ^a
Age Refining Inc.....	TX	Marathon Petroleum Co LLC.....	IL, KY, LA, MI, MN, OH, TX
Alon USA Energy Inc.....	TX	Montana Refining Co.....	MT
American Refining Group Inc.....	PA	Motiva Enterprises LLC.....	LA, TX
BP Exploration Alaska Inc.....	AK	Murphy Oil USA Inc.....	LA, WI
BP Products North America Inc.....	IN, OH, TX	NCRA.....	KS
BP West Coast Products LLC.....	CA, WA	Navajo Refining Co.....	NM
Big West Of California.....	CA	PDV Midwest Refining LLC.....	IL
Big West Oil Co.....	UT	Paramount Petroleum Corporation.....	CA, OR
Calcasieu Refining Co.....	LA	Pasadena Refining Systems Inc.....	TX
Calumet Lubricants Co LP.....	LA	Pelican Refining Company LLC.....	LA
Calumet Shreveport LLC.....	LA	Petro Star Inc.....	AK
Cenex Harvest States Coop.....	MT	Placid Refining Co.....	LA
Chalmette Refining LLC.....	LA	Premcor Refining Group Inc.....	DE, TN, TX
Chevron USA Inc.....	CA, HI, MS, NJ, UT	San Joaquin Refining Co Inc.....	CA
Citgo Asphalt Refining Co.....	GA, NJ	Shell Chem Yabucoa Inc.....	PR
Citgo Petroleum Corp.....	LA	Shell Chemical LP.....	AL, LA
Citgo Refining & Chemical Inc.....	TX	Shell Oil Products US.....	CA, WA
Coffeyville Resources Rfg & Mktg LLC.....	KS	Silver Eagle Refining.....	UT, WY
ConocoPhillips Alaska Inc.....	AK	Sinclair Oil Corp.....	OK, WY
ConocoPhillips Company.....	CA, LA, MT, NJ, OK, PA, TX, WA	Somerset Refinery Inc.....	KY
Countrymark Cooperative Inc.....	IN	South Hampton Resources Inc.....	TX
Cross Oil Refining & Marketing Inc.....	AR	Suncor Energy (USA) Inc.....	CO
Deer Park Refining LTD Partnership.....	TX	Sunoco Inc.....	NJ, OH, OK, PA
Delek Refining LTD.....	TX	Sunoco Inc (R&M).....	PA
Edgington Oil Co Inc.....	CA	Tenby Inc.....	CA
Equistar Chemicals LP.....	TX	Tesoro Alaska Petroleum Co.....	AK
Ergon Refining Inc.....	MS	Tesoro Hawaii Corp.....	HI
Ergon West Virginia Inc.....	WV	Tesoro Refining & Marketing Co.....	CA
Excel Paralubes.....	LA	Tesoro West Coast.....	ND, UT, WA
ExxonMobil Refining & Supply Co.....	CA, IL, LA, MT, TX	Total Petrochemicals Inc.....	TX
Flint Hills Resources Alaska LLC.....	AK	Trigeant LTD.....	TX
Flint Hills Resources LP.....	MN, TX	US Oil & Refining Co.....	WA
Foreland Refining Corp.....	NV	Ultramar Inc.....	CA
Frontier El Dorado Refining Co.....	KS	United Refining Co.....	PA
Frontier Refining Inc.....	WY	Valero Energy Corporation.....	TX
Goodway Refining LLC.....	AL	Valero Refining Co California.....	CA
Greka Energy.....	CA	Valero Refining Co Louisiana.....	LA
Hess Corporation.....	NJ	Valero Refining Co New Jersey.....	NJ
Holly Corp Refining & Marketing.....	UT	Valero Refining Co Oklahoma.....	OK
Houston Refining LP.....	TX	Valero Refining Co Texas LP.....	TX
Hovensa LLC.....	VI	Valero Refining New Orleans LLC.....	LA
Hunt Refining Co.....	AL	Ventura Refining & Transmission LLC.....	OK
Hunt Southland Refining Co.....	MS	WRB Refining LLC.....	IL, TX
Kern Oil & Refining Co.....	CA	Western Refining Company LP.....	TX
Lima Refining Company.....	OH	Western Refining Southwest Inc.....	NM
Lion Oil Co.....	AR	Western Refining Yorktown Inc.....	VA
Little America Refining Co.....	WY	Wynnewood Refining Co.....	OK
Lunday Thagard Co.....	CA	Wyoming Refining Co.....	WY

^a Includes Puerto Rico (PR) and Virgin Islands (VI).

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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	124,600	0	136,000	0	46,000	14,600	0	0	0
Goodway Refining LLC									
Atmore	4,100	0	5,000	0	0	0	0	0	0
Hunt Refining Co									
Tuscaloosa	34,500	0	40,000	0	16,000	14,600	0	0	0
Shell Chemical LP									
Saraland	86,000	0	91,000	0	30,000	0	0	0	0
Alaska	375,280	0	409,200	0	26,900	0	0	0	0
BP Exploration Alaska Inc									
Prudhoe Bay	12,780	0	14,200	0	0	0	0	0	0
ConocoPhillips Alaska Inc									
Prudhoe Bay	15,000	0	16,000	0	0	0	0	0	0
Flint Hills Resources Alaska LLC									
North Pole	210,000	0	226,500	0	5,500	0	0	0	0
Petro Star Inc									
North Pole	17,500	0	22,500	0	0	0	0	0	0
Valdez	48,000	0	50,000	0	0	0	0	0	0
Tesoro Alaska Petroleum Co									
Kenai	72,000	0	80,000	0	21,400	0	0	0	0
Arkansas	77,500	0	79,700	0	32,000	0	0	0	0
Cross Oil Refining & Marketing Inc									
Smackover	7,500	0	7,700	0	3,500	0	0	0	0
Lion Oil Co									
El Dorado	70,000	0	72,000	0	28,500	0	0	0	0
California	2,007,188	35,000	2,092,000	40,000	1,261,556	413,200	100,000	5,000	0
Big West Of California									
Bakersfield	66,000	0	68,000	0	40,000	22,000	0	0	0
BP West Coast Products LLC									
Los Angeles	265,000	0	265,500	0	140,000	70,500	0	0	0
Chevron USA Inc									
El Segundo	260,000	0	274,000	0	143,000	66,000	0	0	0
Richmond	242,901	0	257,200	0	123,456	0	0	0	0
ConocoPhillips Company									
Arroyo Grande	44,200	0	46,500	0	33,600	23,400	0	0	0
Rodeo	76,000	0	80,000	0	59,600	27,000	0	0	0
Wilmington	139,000	0	147,000	0	82,000	53,200	0	0	0
Edgington Oil Co Inc									
Long Beach	0	35,000	0	40,000	25,000	0	0	0	0
ExxonMobil Refining & Supply Co									
Torrance	149,500	0	155,800	0	102,300	54,600	0	0	0
Greka Energy									
Santa Maria	9,500	0	10,000	0	10,000	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 ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Alabama	0	0	0	0	0	7,800	22,000	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	0	0	0	0	0	7,800	0	0
Shell Chemical LP								
Saraland	0	0	0	0	0	0	22,000	0
Alaska	0	0	0	13,000	0	13,000	0	0
BP Exploration Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
ConocoPhillips Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
Flint Hills Resources Alaska LLC								
North Pole	0	0	0	0	0	0	0	0
Petro Star Inc								
North Pole	0	0	0	0	0	0	0	0
Valdez	0	0	0	0	0	0	0	0
Tesoro Alaska Petroleum Co								
Kenai	0	0	0	13,000	0	13,000	0	0
Arkansas	19,900	0	0	0	0	14,800	0	7,400
Cross Oil Refining & Marketing Inc								
Smackover	0	0	0	0	0	0	0	0
Lion Oil Co								
El Dorado	19,900	0	0	0	0	14,800	0	7,400
California	723,100	1,000	213,900	255,125	65,000	216,600	230,500	66,000
Big West Of California								
Bakersfield	0	0	24,000	0	0	16,300	0	0
BP West Coast Products LLC								
Los Angeles	102,500	0	50,000	0	0	10,000	42,000	0
Chevron USA Inc								
El Segundo	72,500	0	0	52,300	0	49,000	0	0
Richmond	90,000	0	0	103,400	65,000	71,300	0	66,000
ConocoPhillips Company								
Arroyo Grande	0	0	0	0	0	0	0	0
Rodeo	0	0	0	42,000	0	0	32,000	0
Wilmington	51,600	0	27,500	0	0	0	36,000	0
Edgington Oil Co Inc								
Long Beach	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Torrance	100,200	0	22,400	0	0	0	20,000	0
Greka Energy								
Santa Maria	0	0	0	0	0	0	0	0

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(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Alabama	32,000	0	2,500	8,000	15,000	0	32,500	0
Goodway Refining LLC								
Atmore	0	0	0	0	0	0	0	0
Hunt Refining Co								
Tuscaloosa	10,000	0	2,500	0	15,000	0	10,500	0
Shell Chemical LP								
Saraland	22,000	0	0	8,000	0	0	22,000	0
Alaska	13,000	0	0	6,000	0	0	0	0
BP Exploration Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
ConocoPhillips Alaska Inc								
Prudhoe Bay	0	0	0	0	0	0	0	0
Flint Hills Resources Alaska LLC								
North Pole	0	0	0	0	0	0	0	0
Petro Star Inc								
North Pole	0	0	0	0	0	0	0	0
Valdez	0	0	0	0	0	0	0	0
Tesoro Alaska Petroleum Co								
Kenai	13,000	0	0	6,000	0	0	0	0
Arkansas	20,000	6,500	0	28,000	0	0	21,000	11,800
Cross Oil Refining & Marketing Inc								
Smackover	0	0	0	0	0	0	0	5,000
Lion Oil Co								
El Dorado	20,000	6,500	0	28,000	0	0	21,000	6,800
California	439,900	148,500	185,800	344,800	90,000	0	630,500	61,200
Big West Of California								
Bakersfield	13,800	0	0	0	0	0	15,000	0
BP West Coast Products LLC								
Los Angeles	46,000	10,000	10,000	21,000	0	0	95,000	0
Chevron USA Inc								
El Segundo	59,000	0	36,500	40,000	14,000	0	72,000	0
Richmond	57,600	0	96,000	64,800	0	0	0	34,000
ConocoPhillips Company								
Arroyo Grande	0	0	0	0	0	0	0	0
Rodeo	27,500	0	0	40,000	0	0	0	0
Wilmington	50,800	0	12,900	32,000	0	0	52,000	0
Edgington Oil Co Inc								
Long Beach	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Torrance	24,700	0	0	18,000	0	0	106,500	0
Greka Energy								
Santa Maria	0	0	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
California	2,007,188	35,000	2,092,000	40,000	1,261,556	413,200	100,000	5,000	0
Kern Oil & Refining Co									
Bakersfield	26,000	0	27,000	0	0	0	0	0	0
Lunday Thagard Co									
South Gate	8,500	0	10,000	0	7,000	0	0	0	0
Paramount Petroleum Corporation									
Paramount	53,000	0	55,000	0	30,000	0	0	0	0
San Joaquin Refining Co Inc									
Bakersfield	15,000	0	25,000	0	14,300	0	0	5,000	0
Shell Oil Products US									
Martinez	155,600	0	158,000	0	102,000	27,500	22,500	0	0
Tenby Inc									
Oxnard	2,800	0	4,000	0	0	0	0	0	0
Tesoro Refining & Marketing Co									
Martinez	166,000	0	170,000	0	153,000	0	48,000	0	0
(Formerly Shell Oil Products US)									
Wilmington	97,000	0	103,500	0	65,000	40,000	0	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	148,000	0	81,300	0	29,500	0	0
Wilmington	6,300	0	6,500	0	5,000	0	0	0	0
Colorado	94,000	0	104,000	0	33,500	0	0	0	0
Suncor Energy (USA) Inc									
Commerce City East	32,000	0	36,000	0	8,500	0	0	0	0
Commerce City West	62,000	0	68,000	0	25,000	0	0	0	0
Delaware	182,200	0	190,200	0	104,600	0	53,000	0	0
Premcor Refining Group Inc									
Delaware City	182,200	0	190,200	0	104,600	0	53,000	0	0
Georgia	0	28,000	0	32,000	0	0	0	0	0
Citgo Asphalt Refining Co									
Savannah	0	28,000	0	32,000	0	0	0	0	0
Hawaii	147,500	0	152,000	0	71,300	0	0	11,000	0
Chevron USA 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	40,000	0	0	11,000	0
Illinois	915,600	0	956,300	0	397,100	152,200	0	0	0
ExxonMobil Refining & Supply Co									
Joliet	238,600	0	249,800	0	126,700	59,400	0	0	0
Marathon Petroleum Co LLC									
Robinson	204,000	0	214,000	0	65,200	29,000	0	0	0
PDV Midwest Refining LLC									
Lemont	167,000	0	170,500	0	75,000	45,800	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
California	723,100	1,000	213,900	255,125	65,000	216,600	230,500	66,000
Kern Oil & Refining Co								
Bakersfield	0	0	0	0	0	0	3,300	0
Lunday Thagard Co								
South Gate	0	0	0	0	0	0	0	0
Paramount Petroleum Corporation								
Paramount	0	0	0	0	0	0	8,500	0
San Joaquin Refining Co Inc								
Bakersfield	0	0	0	0	0	0	0	0
Shell Oil Products US								
Martinez	72,000	0	42,000	0	0	31,000	0	0
Tenby Inc								
Oxnard	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Martinez	70,000	1,000	0	35,000	0	22,000	20,000	0
(Formerly Shell Oil Products US)								
Wilmington	35,000	0	14,000	22,425	0	0	31,500	0
Ultramar Inc								
Wilmington	54,000	0	0	0	0	17,000	0	0
Valero Refining Co California								
Benicia	75,300	0	34,000	0	0	0	37,200	0
Wilmington	0	0	0	0	0	0	0	0
Colorado	30,000	500	0	0	0	21,000	0	0
Suncor Energy (USA) Inc								
Commerce City East	9,500	500	0	0	0	10,500	0	0
Commerce City West	20,500	0	0	0	0	10,500	0	0
Delaware	83,000	4,000	0	22,300	0	43,800	0	0
Premcor Refining Group Inc								
Delaware City	83,000	4,000	0	22,300	0	43,800	0	0
Georgia	0	0	0	0	0	0	0	0
Citgo Asphalt Refining Co								
Savannah	0	0	0	0	0	0	0	0
Hawaii	22,000	0	18,000	0	0	13,000	0	0
Chevron USA 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	316,000	3,000	0	69,000	0	207,900	49,900	0
ExxonMobil Refining & Supply Co								
Joliet	98,000	0	0	0	0	52,600	0	0
Marathon Petroleum Co LLC								
Robinson	50,000	0	0	28,000	0	76,500	0	0
PDV Midwest Refining LLC								
Lemont	67,000	3,000	0	0	0	0	32,200	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008
(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
California	439,900	148,500	185,800	344,800	90,000	0	630,500	61,200
Kern Oil & Refining Co								
Bakersfield	5,000	0	0	0	9,000	0	0	0
Lunday Thagard Co								
South Gate	0	0	0	0	0	0	0	0
Paramount Petroleum Corporation								
Paramount	8,500	0	0	13,000	0	0	0	0
San Joaquin Refining Co Inc								
Bakersfield	0	0	0	0	3,000	0	0	0
Shell Oil Products US								
Martinez	27,000	52,500	0	27,000	22,000	0	81,500	0
Tenby Inc								
Oxnard	0	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co								
Martinez (Formerly Shell Oil Products US)	27,000	38,900	0	36,000	15,000	0	69,500	5,500
Wilmington	31,000	0	15,000	10,000	22,000	0	38,000	0
Ultramar Inc								
Wilmington	32,000	0	0	32,000	0	0	62,000	0
Valero Refining Co California								
Benicia	30,000	47,100	15,400	11,000	5,000	0	39,000	21,700
Wilmington	0	0	0	0	0	0	0	0
Colorado	21,000	0	12,100	19,000	0	0	26,000	0
Suncor Energy (USA) Inc								
Commerce City East	10,500	0	0	0	0	0	0	0
Commerce City West	10,500	0	12,100	19,000	0	0	26,000	0
Delaware	50,000	26,000	16,500	16,000	43,000	0	0	0
Premcor Refining Group Inc								
Delaware City	50,000	26,000	16,500	16,000	43,000	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
Hawaii	13,000	0	0	0	0	0	0	3,500
Chevron USA Inc								
Honolulu	0	0	0	0	0	0	0	3,500
Tesoro Hawaii Corp								
Ewa Beach	13,000	0	0	0	0	0	0	0
Illinois	340,400	119,000	68,250	245,100	0	0	0	57,300
ExxonMobil Refining & Supply Co								
Joliet	110,400	0	0	85,100	0	0	0	57,300
Marathon Petroleum Co LLC								
Robinson	65,000	39,000	0	78,500	0	0	0	0
PDV Midwest Refining LLC								
Lemont	95,700	0	15,000	35,500	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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
Illinois	915,600	0	956,300	0	397,100	152,200	0	0	0
WRB Refining LLC Wood River	306,000	0	322,000	0	130,200	18,000	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
Countryside Cooperative Inc Mount Vernon	23,000	0	24,000	0	8,000	0	0	0	0
Kansas	305,900	0	319,500	0	125,250	64,500	0	0	0
Coffeyville Resources Rfg & Mktg LLC (Formerly Coffeyville Resources LLC) Coffeyville	115,700	0	120,000	0	44,750	23,500	0	0	0
Frontier El Dorado Refining Co El Dorado	107,500	0	112,000	0	43,000	19,000	0	0	0
NCRA McPherson	82,700	0	87,500	0	37,500	22,000	0	0	0
Kentucky	226,000	5,500	250,000	6,300	123,000	0	0	0	0
Marathon Petroleum Co LLC Catlettsburg	226,000	0	250,000	0	123,000	0	0	0	0
Somerset Refinery Inc Somerset	0	5,500	0	6,300	0	0	0	0	0
Louisiana	2,951,383	25,000	3,091,705	25,650	1,478,300	488,600	0	0	10,600
Calcasieu Refining Co Lake Charles	53,000	25,000	54,350	25,650	30,000	0	0	0	0
Calumet Lubricants Co LP Cotton Valley	13,020	0	14,000	0	0	0	0	0	0
Princeton	8,300	0	8,655	0	7,000	0	0	0	0
Calumet Shreveport LLC Shreveport	42,000	0	50,000	0	27,000	0	0	0	0
Chalmette Refining LLC Chalmette	192,760	0	200,700	0	116,700	40,000	0	0	0
Citgo Petroleum Corp Lake Charles	429,500	0	440,000	0	200,000	99,000	0	0	0
ConocoPhillips Company Belle Chasse	247,000	0	260,000	0	92,000	27,000	0	0	0
Westlake	239,400	0	252,000	0	132,000	64,000	0	0	10,600
Excel Paralubes Westlake	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge	503,000	0	524,000	0	241,000	119,800	0	0	0
Marathon Petroleum Co LLC Garyville	256,000	0	275,000	0	134,000	40,500	0	0	0
Motiva Enterprises LLC Convent	235,000	0	255,000	0	119,400	0	0	0	0
Norco	236,400	0	250,000	0	95,000	27,900	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Illinois	316,000	3,000	0	69,000	0	207,900	49,900	0
WRB Refining LLC Wood River	101,000	0	0	41,000	0	78,800	17,700	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	99,000	500	0	36,000	0	55,500	22,500	0
Coffeyville Resources Rfg & Mktg LLC (Formerly Coffeyville Resources LLC) Coffeyville	36,000	0	0	0	0	24,000	0	0
Frontier El Dorado Refining Co El Dorado	39,000	0	0	0	0	7,500	22,500	0
NCRA McPherson	24,000	500	0	36,000	0	24,000	0	0
Kentucky	104,000	0	0	0	0	20,000	32,000	12,500
Marathon Petroleum Co LLC Catlettsburg	104,000	0	0	0	0	20,000	31,000	12,500
Somerset Refinery Inc Somerset	0	0	0	0	0	0	1,000	0
Louisiana	1,142,980	13,500	49,200	151,000	52,000	368,000	201,800	59,000
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
Calumet Shreveport LLC Shreveport	0	0	0	0	0	12,000	0	0
Chalmette Refining LLC Chalmette	71,600	0	20,200	0	0	20,000	29,400	0
Citgo Petroleum Corp Lake Charles	147,000	3,000	0	42,000	0	58,000	52,800	0
ConocoPhillips Company Belle Chasse	102,000	2,000	0	0	0	0	44,600	0
Westlake	50,000	0	0	0	0	44,000	0	0
Excel Paralubes Westlake	0	0	0	39,000	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge	241,000	0	29,000	0	0	78,000	0	0
Marathon Petroleum Co LLC Garyville	131,000	0	0	0	0	48,000	0	34,000
Motiva Enterprises LLC Convent	92,000	0	0	0	52,000	0	40,000	0
Norco	120,000	0	0	38,000	0	40,000	22,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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
Illinois	340,400	119,000	68,250	245,100	0	0	0	57,300
WRB Refining LLC Wood River	69,300	80,000	53,250	46,000	0	0	0	0
Indiana	135,000	0	2,000	123,000	6,000	0	100,000	0
BP Products North America Inc Whiting	125,000	0	2,000	112,000	6,000	0	100,000	0
Countrymark Cooperative Inc Mount Vernon	10,000	0	0	11,000	0	0	0	0
Kansas	114,000	18,000	17,000	111,700	23,500	0	45,000	0
Coffeyville Resources Rfg & Mktg LLC (Formerly Coffeyville Resources LLC) Coffeyville	36,000	18,000	7,000	26,500	23,500	0	0	0
Frontier El Dorado Refining Co El Dorado	42,000	0	10,000	44,500	0	0	45,000	0
NCRA McPherson	36,000	0	0	40,700	0	0	0	0
Kentucky	53,800	0	29,500	70,000	0	0	103,000	22,400
Marathon Petroleum Co LLC Catlettsburg	52,500	0	29,500	70,000	0	0	103,000	22,400
Somerset Refinery Inc Somerset	1,300	0	0	0	0	0	0	0
Louisiana	636,150	585,000	122,000	655,100	119,500	12,500	279,500	123,200
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	8,500	0	0	0	0
Calumet Shreveport LLC Shreveport	12,000	0	0	0	14,000	0	8,000	1,200
Chalmette Refining LLC Chalmette	40,000	45,000	0	0	27,500	0	64,500	0
Citgo Petroleum Corp Lake Charles	123,000	77,000	29,000	117,500	0	0	0	0
ConocoPhillips Company Belle Chasse	48,300	53,000	0	70,100	0	0	0	0
Westlake	50,000	38,500	24,000	55,000	0	12,500	49,000	0
Excel Paralubes Westlake	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co Baton Rouge	78,000	130,000	0	111,000	0	0	0	122,000
Marathon Petroleum Co LLC Garyville	49,500	89,000	0	116,000	0	0	106,000	0
Motiva Enterprises LLC Convent	98,000	0	39,800	70,000	0	0	40,000	0
Norco	38,500	74,500	0	55,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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	
Louisiana	2,951,383	25,000	3,091,705	25,650	1,478,300	488,600	0	0	10,600
Murphy Oil USA Inc									
Meroux	120,000	0	125,000	0	50,000	0	0	0	0
Pelican Refining Company LLC									
Lake Charles	0	0	0	0	15,000	0	0	0	0
Placid Refining Co									
Port Allen	56,000	0	58,000	0	25,000	0	0	0	0
Shell Chemical LP									
Saint Rose	55,000	0	56,000	0	28,000	0	0	0	0
Valero Refining Co Louisiana									
Krotz Springs	80,000	0	83,000	0	36,200	0	0	0	0
Valero Refining New Orleans LLC									
Norco	185,003	0	186,000	0	130,000	70,400	0	0	0
Michigan	102,000	0	114,000	0	51,000	0	0	0	0
Marathon Petroleum Co LLC									
Detroit	102,000	0	114,000	0	51,000	0	0	0	0
Minnesota	362,150	0	422,500	0	227,000	70,800	0	0	0
Flint Hills Resources LP									
Saint Paul	288,150	0	339,000	0	195,000	70,800	0	0	0
Marathon Petroleum Co LLC									
Saint Paul	74,000	0	83,500	0	32,000	0	0	0	0
Mississippi	364,000	0	396,500	0	338,875	105,000	0	0	0
Chevron USA Inc									
Pascagoula	330,000	0	360,000	0	314,000	105,000	0	0	0
Ergon Refining Inc									
Vicksburg	23,000	0	24,000	0	18,000	0	0	0	0
Hunt Southland Refining Co									
Sandersville	11,000	0	12,500	0	6,875	0	0	0	0
Montana	187,100	0	194,300	0	98,700	36,300	10,400	0	0
Cenex Harvest States Coop									
Laurel	59,600	0	61,100	0	29,000	15,000	0	0	0
ConocoPhillips Company									
Billings	58,000	0	61,000	0	35,800	21,300	0	0	0
ExxonMobil Refining & Supply Co									
Billings	60,000	0	62,200	0	28,900	0	10,400	0	0
Montana Refining Co									
Great Falls	9,500	0	10,000	0	5,000	0	0	0	0
Nevada	2,000	0	5,000	0	5,000	0	0	0	0
Foreland Refining Corp									
Ely	2,000	0	5,000	0	5,000	0	0	0	0
New Jersey	623,000	32,000	651,000	35,000	294,000	27,000	0	0	0
Chevron USA Inc									
Perth Amboy	80,000	0	83,000	0	47,000	0	0	0	0
Citgo Asphalt Refining Co									
Paulsboro	0	32,000	0	35,000	40,000	0	0	0	0
ConocoPhillips Company									
Linden	238,000	0	250,000	0	75,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Louisiana	1,142,980	13,500	49,200	151,000	52,000	368,000	201,800	59,000
Murphy Oil USA Inc								
Meraux	37,000	0	0	32,000	0	32,000	0	18,000
Pelican Refining Company LLC								
Lake Charles	0	0	0	0	0	0	0	0
Placid Refining Co								
Port Allen	20,000	500	0	0	0	11,000	0	7,000
Shell Chemical 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 Refining New Orleans LLC								
Norco	97,380	8,000	0	0	0	25,000	0	0
Michigan	32,500	0	0	0	0	20,000	0	0
Marathon Petroleum Co LLC								
Detroit	32,500	0	0	0	0	20,000	0	0
Minnesota	115,000	0	40,000	0	0	37,500	32,800	0
Flint Hills Resources LP								
Saint Paul	86,500	0	40,000	0	0	37,500	13,800	0
Marathon Petroleum Co LLC								
Saint Paul	28,500	0	0	0	0	0	19,000	0
Mississippi	88,000	0	0	74,000	0	62,000	34,000	0
Chevron USA Inc								
Pascagoula	88,000	0	0	74,000	0	62,000	34,000	0
Ergon Refining Inc								
Vicksburg	0	0	0	0	0	0	0	0
Hunt Southland Refining Co								
Sandersville	0	0	0	0	0	0	0	0
Montana	63,250	990	6,200	0	0	12,000	27,080	0
Genex Harvest States Coop								
Laurel	15,450	0	0	0	0	12,000	0	0
ConocoPhillips Company								
Billings	21,300	990	0	0	0	0	13,550	0
ExxonMobil Refining & Supply Co								
Billings	23,500	0	6,200	0	0	0	12,500	0
Montana Refining Co								
Great Falls	3,000	0	0	0	0	0	1,030	0
Nevada	0	0	0	0	0	0	0	0
Foreland Refining Corp								
Ely	0	0	0	0	0	0	0	0
New Jersey	327,000	0	0	0	0	92,000	0	20,000
Chevron USA Inc								
Perth Amboy	0	0	0	0	0	0	0	0
Citgo Asphalt Refining Co								
Paulsboro	0	0	0	0	0	0	0	0
ConocoPhillips Company								
Linden	145,000	0	0	0	0	32,000	0	20,000

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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
Louisiana	636,150	585,000	122,000	655,100	119,500	12,500	279,500	123,200
Murphy Oil USA Inc								
Meraux	35,000	0	18,000	34,000	0	0	12,000	0
Pelican Refining Company LLC								
Lake Charles	0	0	0	0	0	0	0	0
Placid Refining Co								
Port Allen	11,000	0	0	18,000	0	0	0	0
Shell Chemical LP								
Saint Rose	0	0	0	0	0	0	0	0
Valero Refining Co Louisiana								
Krotz Springs	14,000	18,000	0	0	0	0	0	0
Valero Refining New Orleans LLC								
Norco	34,100	60,000	11,200	0	78,000	0	0	0
Michigan	29,500	0	6,500	30,000	0	0	34,000	0
Marathon Petroleum Co LLC								
Detroit	29,500	0	6,500	30,000	0	0	34,000	0
Minnesota	72,500	52,500	53,500	80,500	7,000	0	131,000	0
Flint Hills Resources LP								
Saint Paul	52,500	52,500	46,000	60,000	7,000	0	101,500	0
Marathon Petroleum Co LLC								
Saint Paul	20,000	0	7,500	20,500	0	0	29,500	0
Mississippi	57,300	0	30,000	35,000	0	0	100,000	62,000
Chevron USA 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 Co								
Sandersville	0	0	0	0	0	0	0	0
Montana	46,550	24,900	19,300	42,400	24,000	0	46,900	7,900
Cenex Harvest States Coop								
Laurel	18,000	0	0	0	24,000	0	18,500	0
ConocoPhillips Company								
Billings	13,550	6,000	4,400	30,400	0	0	25,400	0
ExxonMobil Refining & Supply Co								
Billings	13,900	18,900	13,900	10,000	0	0	0	7,900
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								
Ely	0	0	0	0	0	0	0	0
New Jersey	159,000	127,000	28,500	193,000	0	0	0	18,000
Chevron USA Inc								
Perth Amboy	0	0	0	0	0	0	0	0
Citgo Asphalt Refining Co								
Paulsboro	0	0	0	0	0	0	0	0
ConocoPhillips Company								
Linden	97,000	0	0	108,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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	
New Jersey	623,000	32,000	651,000	35,000	294,000	27,000	0	0	0
Hess Corporation									
Port Reading	0	0	0	0	0	0	0	0	0
Sunoco Inc									
Westville	145,000	0	152,000	0	42,000	0	0	0	0
Valero Refining Co New Jersey									
Paulsboro	160,000	0	166,000	0	90,000	27,000	0	0	0
New Mexico	121,600	0	124,107	0	24,600	0	0	0	0
Navajo Refining Co									
Artesia	84,000	0	85,000	0	24,600	0	0	0	0
Western Refining Southwest Inc (Formerly Giant Industries Inc)									
Bloomfield	16,800	0	18,107	0	0	0	0	0	0
(Formerly Giant Refining Co)									
Gallup	20,800	0	21,000	0	0	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	515,200	0	584,500	0	153,500	58,000	0	0	0
BP Products North America Inc									
Toledo	131,000	0	160,000	0	71,500	35,000	0	0	0
Lima Refining Company (Formerly Premcor Refining Group Inc)									
Lima	146,200	0	170,000	0	52,000	23,000	0	0	0
Marathon Petroleum Co LLC									
Canton	78,000	0	84,500	0	30,000	0	0	0	0
Sunoco Inc									
Toledo	160,000	0	170,000	0	0	0	0	0	0
Oklahoma	520,400	0	560,460	0	209,220	38,660	0	0	0
ConocoPhillips Company									
Ponca City	194,000	0	213,995	0	88,220	27,660	0	0	0
Sinclair Oil Corp									
Tulsa	70,300	0	75,465	0	27,000	0	0	0	0
Sunoco Inc									
Tulsa	85,000	0	90,000	0	32,000	11,000	0	0	0
Valero Refining Co Oklahoma									
Ardmore	87,400	0	92,000	0	32,000	0	0	0	0
Ventura Refining & Transmission LLC									
Thomas	12,000	0	14,000	0	0	0	0	0	0
Wynnewood Refining Co									
Wynnewood	71,700	0	75,000	0	30,000	0	0	0	0
Oregon	0	0	0	0	10,000	0	0	0	0
Paramount Petroleum Corporation									
Portland	0	0	0	0	10,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
New Jersey	327,000	0	0	0	0	92,000	0	20,000
Hess Corporation								
Port Reading	70,000	0	0	0	0	0	0	0
Sunoco Inc								
Westville	57,000	0	0	0	0	30,000	0	0
Valero Refining Co New Jersey								
Paulsboro	55,000	0	0	0	0	30,000	0	0
New Mexico	41,500	3,500	0	0	0	24,000	11,800	0
Navajo Refining Co								
Artesia	27,000	0	0	0	0	24,000	0	0
Western Refining Southwest Inc (Formerly Giant Industries Inc)								
Bloomfield	6,000	500	0	0	0	0	5,000	0
(Formerly Giant Refining Co)								
Gallup	8,500	3,000	0	0	0	0	6,800	0
North Dakota	27,000	3,600	0	0	0	0	12,100	0
Tesoro West Coast								
Mandan	27,000	3,600	0	0	0	0	12,100	0
Ohio	200,000	0	0	102,000	0	18,500	146,000	0
BP Products North America Inc								
Toledo	55,000	0	0	31,000	0	0	43,000	0
Lima Refining Company (Formerly Premcor Refining Group Inc)								
Lima	40,000	0	0	26,000	0	0	55,000	0
Marathon Petroleum Co LLC								
Canton	26,000	0	0	0	0	18,500	0	0
Sunoco Inc								
Toledo	79,000	0	0	45,000	0	0	48,000	0
Oklahoma	145,056	2,250	28,000	0	0	39,850	98,704	4,850
ConocoPhillips Company								
Ponca City	69,847	0	0	0	0	0	52,704	0
Sinclair Oil Corp								
Tulsa	24,209	2,250	0	0	0	0	22,000	0
Sunoco Inc								
Tulsa	0	0	0	0	0	0	24,000	0
Valero Refining Co Oklahoma								
Ardmore	30,000	0	12,000	0	0	21,350	0	0
Ventura Refining & Transmission LLC								
Thomas	0	0	0	0	0	0	0	0
Wynnewood Refining Co								
Wynnewood	21,000	0	16,000	0	0	18,500	0	4,850
Oregon	0	0	0	0	0	0	0	0
Paramount Petroleum Corporation								
Portland	0	0	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008
(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
New Jersey	159,000	127,000	28,500	193,000	0	0	0	18,000
Hess Corporation								
Port Reading	0	27,000	0	0	0	0	0	18,000
Sunoco Inc								
Westville	30,000	65,000	0	39,000	0	0	0	0
Valero Refining Co New Jersey								
Paulsboro	32,000	35,000	28,500	46,000	0	0	0	0
New Mexico	45,800	0	3,500	39,000	0	0	29,000	0
Navajo Refining Co								
Artesia	34,000	0	3,500	33,000	0	0	29,000	0
Western Refining Southwest Inc (Formerly Giant Industries Inc)								
Bloomfield (Formerly Giant Refining Co)	5,000	0	0	3,000	0	0	0	0
Gallup	6,800	0	0	3,000	0	0	0	0
North Dakota	13,600	4,300	0	14,000	0	0	0	0
Tesoro West Coast								
Mandan	13,600	4,300	0	14,000	0	0	0	0
Ohio	167,500	100,000	30,000	61,000	0	0	74,000	0
BP Products North America Inc								
Toledo	40,000	0	0	18,500	0	0	47,000	0
Lima Refining Company (Formerly Premcor Refining Group Inc)								
Lima	63,000	35,000	0	30,000	0	0	0	0
Marathon Petroleum Co LLC								
Canton	25,000	0	0	12,500	0	0	27,000	0
Sunoco Inc								
Toledo	39,500	65,000	30,000	0	0	0	0	0
Oklahoma	138,200	70,268	18,500	111,381	28,908	0	55,540	36,131
ConocoPhillips Company								
Ponca City	50,700	48,268	18,500	31,981	28,908	0	23,540	14,531
Sinclair Oil Corp								
Tulsa	20,000	22,000	0	34,400	0	0	0	0
Sunoco Inc								
Tulsa	28,000	0	0	0	0	0	0	21,600
Valero Refining Co Oklahoma								
Ardmore	26,500	0	0	28,000	0	0	32,000	0
Ventura Refining & Transmission LLC								
Thomas	0	0	0	0	0	0	0	0
Wynnewood Refining Co								
Wynnewood	13,000	0	0	17,000	0	0	0	0
Oregon	0	0	0	0	0	0	0	0
Paramount Petroleum Corporation								
Portland	0	0	0	0	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	Other/Gas Oil
Pennsylvania	773,000	0	819,500	0	267,200	0	0	0	0
American Refining Group Inc									
Bradford	10,000	0	10,500	0	0	0	0	0	0
ConocoPhillips Company									
Trainer	185,000	0	190,000	0	73,000	0	0	0	0
Sunoco Inc									
Marcus Hook	178,000	0	194,000	0	0	0	0	0	0
Sunoco Inc (R&M)									
Philadelphia	335,000	0	355,000	0	163,200	0	0	0	0
United Refining Co									
Warren	65,000	0	70,000	0	31,000	0	0	0	0
Tennessee	180,000	0	182,000	0	0	0	0	0	0
Premcor Refining Group Inc									
Memphis	180,000	0	182,000	0	0	0	0	0	0
Texas	4,509,196	242,550	4,717,700	245,000	2,329,400	736,700	42,000	0	0
Age Refining Inc									
San Antonio	13,500	0	13,800	0	0	0	0	0	0
Alon USA Energy Inc									
Big Spring	67,000	0	70,000	0	24,000	0	0	0	0
BP Products North America Inc									
Texas City	225,170	242,550	230,000	245,000	237,000	33,000	0	0	0
Citgo Refining & Chemical Inc									
Corpus Christi	156,000	0	165,000	0	79,800	44,500	0	0	0
ConocoPhillips Company									
Sweeny	247,000	0	260,000	0	132,100	78,700	0	0	0
Deer Park Refining LTD Partnership									
Deer Park	329,800	0	340,000	0	175,000	88,000	0	0	0
Delek Refining LTD									
Tyler	58,000	0	60,000	0	15,000	6,500	0	0	0
Equistar Chemicals LP									
Channelview	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co									
Baytown	567,000	0	590,500	0	281,000	47,800	42,000	0	0
Beaumont	348,500	0	363,100	0	148,800	50,700	0	0	0
Flint Hills Resources LP									
Corpus Christi	288,126	0	305,000	0	87,500	14,000	0	0	0
Houston Refining LP									
Houston	270,600	0	299,300	0	202,000	107,000	0	0	0
Marathon Petroleum Co LLC									
Texas City	76,000	0	81,500	0	0	0	0	0	0
Motiva Enterprises LLC									
Port Arthur	285,000	0	300,000	0	147,000	57,500	0	0	0
Pasadena Refining Systems Inc									
Pasadena	100,000	0	106,500	0	38,000	12,500	0	0	0
Premcor Refining Group Inc									
Port Arthur	289,000	0	294,000	0	220,000	99,700	0	0	0
South Hampton Resources Inc									
Silsbee	0	0	0	0	0	0	0	0	0
Total Petrochemicals Inc									
Port Arthur	232,000	0	240,000	0	52,000	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Pennsylvania	324,500	1,000	0	0	22,000	50,000	121,800	0
American Refining Group Inc								
Bradford	0	0	0	0	0	0	1,800	0
ConocoPhillips Company								
Trainer	53,000	0	0	0	22,000	50,000	0	0
Sunoco Inc								
Marcus Hook	108,000	0	0	0	0	0	20,000	0
Sunoco Inc (R&M)								
Philadelphia	138,500	0	0	0	0	0	86,000	0
United Refining Co								
Warren	25,000	1,000	0	0	0	0	14,000	0
Tennessee	70,000	0	0	0	0	36,000	0	0
Premcor Refining Group Inc								
Memphis	70,000	0	0	0	0	36,000	0	0
Texas	1,825,805	33,000	190,100	221,000	70,000	888,800	250,690	173,000
Age Refining Inc								
San Antonio	0	0	0	0	0	0	0	0
Alon USA Energy Inc								
Big Spring	25,000	0	0	0	0	21,000	0	10,000
BP Products North America Inc								
Texas City	175,000	8,000	60,000	0	70,000	63,000	75,000	17,000
Citgo Refining & Chemical Inc								
Corpus Christi	82,800	0	0	0	0	51,200	0	0
ConocoPhillips Company								
Sweeny	107,700	12,000	0	0	0	37,500	0	0
Deer Park Refining LTD Partnership								
Deer Park	70,000	5,000	0	67,000	0	47,000	25,000	0
Delek Refining LTD								
Tyler	20,250	0	0	0	0	13,000	4,500	0
Equistar Chemicals LP								
Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Baytown	215,500	8,000	27,500	0	0	126,000	0	49,000
Beaumont	117,700	0	66,600	0	0	155,000	0	0
Flint Hills Resources LP								
Corpus Christi	106,700	0	13,000	0	0	53,600	18,000	0
Houston Refining LP								
Houston	110,000	0	0	0	0	0	35,000	0
Marathon Petroleum Co LLC								
Texas City	58,500	0	0	0	0	0	10,500	0
Motiva Enterprises LLC								
Port Arthur	90,000	0	0	0	0	48,000	0	0
Pasadena Refining Systems Inc								
Pasadena	56,000	0	0	0	0	23,000	0	0
Premcor Refining Group Inc								
Port Arthur	78,600	0	0	45,000	0	55,000	0	0
South Hampton Resources Inc								
Silsbee	0	0	0	0	0	1,500	0	0
Total Petrochemicals Inc								
Port Arthur	78,000	0	0	0	0	39,600	0	19,500

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008
(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Pennsylvania	212,600	134,500	17,900	41,860	157,200	0	40,000	0
American Refining Group Inc								
Bradford	3,600	0	0	0	0	0	0	0
ConocoPhillips Company								
Trainer	54,000	0	13,400	24,360	4,200	0	40,000	0
Sunoco Inc								
Marcus Hook	45,000	65,000	0	0	40,000	0	0	0
Sunoco Inc (R&M)								
Philadelphia	88,000	65,000	0	0	113,000	0	0	0
United Refining Co								
Warren	22,000	4,500	4,500	17,500	0	0	0	0
Tennessee	52,000	39,000	0	69,000	0	0	0	0
Premcor Refining Group Inc								
Memphis	52,000	39,000	0	69,000	0	0	0	0
Texas	1,213,140	857,100	408,000	906,530	266,000	238,700	890,600	241,000
Age Refining Inc								
San Antonio	0	0	0	0	0	0	0	0
Alon USA Energy Inc								
Big Spring	25,500	0	5,000	23,000	0	0	6,500	0
BP Products North America Inc								
Texas City	114,000	110,000	79,000	59,000	0	0	105,000	0
Citgo Refining & Chemical Inc								
Corpus Christi	52,700	34,000	0	50,500	0	0	69,800	0
ConocoPhillips Company								
Sweeny	67,300	8,700	0	135,200	0	0	107,000	0
Deer Park Refining LTD								
Partnership								
Deer Park	80,000	43,000	37,000	0	45,000	49,500	80,000	43,000
Delek Refining LTD								
Tyler	20,000	0	0	20,000	0	0	0	0
Equistar Chemicals LP								
Channelview	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co								
Baytown	153,000	80,000	34,500	0	205,000	0	110,000	156,800
Beaumont	161,700	25,000	52,500	34,600	0	0	0	32,200
Flint Hills Resources LP								
Corpus Christi	82,600	45,000	15,500	54,000	0	0	53,000	0
Houston Refining LP								
Houston	37,000	106,000	25,000	90,100	0	5,200	110,600	0
Marathon Petroleum Co LLC								
Texas City	0	0	0	0	0	0	0	0
Motiva Enterprises LLC								
Port Arthur	48,000	67,000	42,000	48,000	0	0	24,000	0
Pasadena Refining Systems Inc								
Pasadena	28,000	34,000	0	0	16,000	0	0	0
Premcor Refining Group Inc								
Port Arthur	52,200	84,000	33,000	86,000	0	0	67,000	0
South Hampton Resources Inc								
Silsbee	4,000	0	0	0	0	0	0	2,500
Total Petrochemicals Inc								
Port Arthur	45,500	33,300	0	53,000	0	0	30,700	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Atmospheric Crude Oil Distillation Capacity				Downstream Charge Capacity				
	Barrels per Calendar Day		Barrels per Stream Day		Vacuum Distillation	Thermal Cracking			Other/Gas Oil
	Operating	Idle	Operating	Idle		Delayed Coking	Fluid Coking	Visbreaking	
Texas	4,509,196	242,550	4,717,700	245,000	2,329,400	736,700	42,000	0	0
Trigeant LTD									
Corpus Christi	0	0	0	0	29,000	0	0	0	0
Valero Energy Corporation									
Sunray	171,000	0	181,000	0	53,200	0	0	0	0
Three Rivers	93,000	0	97,000	0	35,000	0	0	0	0
Valero Refining Co Texas LP									
Corpus Christi	142,000	0	146,000	0	97,000	19,000	0	0	0
Houston	83,000	0	85,000	0	39,000	0	0	0	0
Texas City	199,500	0	210,000	0	114,000	52,000	0	0	0
Western Refining Company LP (Formerly Western Refining Corp)									
El Paso	122,000	0	128,000	0	48,000	0	0	0	0
WRB Refining LLC									
Borger	146,000	0	152,000	0	75,000	25,800	0	0	0
Utah	167,700	0	176,400	0	37,500	8,500	0	0	0
Big West Oil Co									
North Salt Lake	29,400	0	30,000	0	5,000	0	0	0	0
Chevron USA Inc									
Salt Lake City	45,000	0	49,000	0	27,500	8,500	0	0	0
Holly Corp Refining & Marketing									
Woods Cross	25,050	0	26,400	0	0	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	63,650	0	67,000	0	40,000	20,000	0	0	0
Western Refining Yorktown Inc (Formerly Giant Yorktown Refining)									
Yorktown	63,650	0	67,000	0	40,000	20,000	0	0	0
Washington	627,850	0	651,000	0	286,500	89,700	0	0	0
BP West Coast Products LLC									
Ferndale	225,000	0	234,000	0	106,000	64,000	0	0	0
ConocoPhillips Company									
Ferndale	100,000	0	105,500	0	48,800	0	0	0	0
Shell Oil Products US									
Anacortes	145,000	0	147,500	0	65,500	25,700	0	0	0
Tesoro West Coast									
Anacortes	120,000	0	125,000	0	47,000	0	0	0	0
US Oil & Refining Co									
Tacoma	37,850	0	39,000	0	19,200	0	0	0	0
West Virginia	20,000	0	22,000	0	8,600	0	0	0	0
Ergon West Virginia Inc									
Newell	20,000	0	22,000	0	8,600	0	0	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Texas	1,825,805	33,000	190,100	221,000	70,000	888,800	250,690	173,000
Trigeant LTD								
Corpus Christi	0	0	0	0	0	0	0	0
Valero Energy Corporation								
Sunray	55,555	0	0	29,500	0	28,900	18,500	16,500
Three Rivers	24,500	0	0	30,000	0	23,500	11,000	10,000
Valero Refining Co Texas LP								
Corpus Christi	117,000	0	0	49,500	0	59,000	10,000	0
Houston	65,000	0	23,000	0	0	0	11,500	18,000
Texas City	83,500	0	0	0	0	18,000	0	33,000
Western Refining Company LP (Formerly Western Refining Corp)								
El Paso	32,500	0	0	0	0	25,000	0	0
WRB Refining LLC								
Borger	56,000	0	0	0	0	0	31,690	0
Utah	57,400	2,200	0	0	0	0	37,214	5,600
Big West Oil Co								
North Salt Lake	11,500	0	0	0	0	0	7,300	0
Chevron USA Inc								
Salt Lake City	14,000	0	0	0	0	0	8,000	0
Holly Corp Refining & Marketing								
Woods Cross	8,900	0	0	0	0	0	7,714	5,600
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	12,000	0
Virginia	28,200	2,000	0	0	0	0	12,100	0
Western Refining Yorktown Inc (Formerly Giant Yorktown Refining)								
Yorktown	28,200	2,000	0	0	0	0	12,100	0
Washington	146,000	3,000	0	61,000	0	108,400	39,200	30,000
BP West Coast Products LLC								
Ferndale	0	0	0	61,000	0	65,000	0	0
ConocoPhillips Company								
Ferndale	36,100	0	0	0	0	17,400	0	0
Shell Oil Products US								
Anacortes	57,900	0	0	0	0	0	32,700	0
Tesoro West Coast								
Anacortes	52,000	3,000	0	0	0	26,000	0	30,000
US Oil & Refining Co								
Tacoma	0	0	0	0	0	0	6,500	0
West Virginia	0	0	0	0	0	3,400	0	0
Ergon West Virginia Inc								
Newell	0	0	0	0	0	3,400	0	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Desulfurization (incl. Catalytic Hydrotreating)							
	Naphtha/ Reformer Feed	Gasoline	Kerosene/ Jet Fuel	Diesel Fuel	Other Distillate	Residual	Heavy Gas Oil	Other
Texas	1,213,140	857,100	408,000	906,530	266,000	238,700	890,600	241,000
Trigeant LTD								
Corpus Christi	0	0	0	0	0	0	0	0
Valero Energy Corporation								
Sunray	40,500	39,600	0	32,500	0	0	0	0
Three Rivers	24,000	0	10,000	21,000	0	0	22,000	0
Valero Refining Co Texas LP								
Corpus Christi	66,000	60,000	11,000	55,000	0	74,000	28,000	0
Houston	12,000	30,500	10,000	27,500	0	0	0	0
Texas City	19,000	57,000	36,000	50,000	0	110,000	0	6,500
Western Refining Company LP (Formerly Western Refining Corp)								
El Paso	26,800	0	9,000	31,000	0	0	0	0
WRB Refining LLC								
Borger	53,340	0	8,500	36,130	0	0	77,000	0
Utah	45,400	0	2,160	38,300	28,800	0	0	7,200
Big West Oil Co								
North Salt Lake	8,900	0	0	9,500	0	0	0	0
Chevron USA Inc								
Salt Lake City	8,300	0	0	13,300	18,000	0	0	7,200
Holly Corp Refining & Marketing								
Woods Cross	12,600	0	2,160	0	10,800	0	0	0
Silver Eagle Refining								
Woods Cross	3,000	0	0	3,500	0	0	0	0
Tesoro West Coast								
Salt Lake City	12,600	0	0	12,000	0	0	0	0
Virginia	11,900	30,000	0	12,000	18,960	0	0	0
Western Refining Yorktown Inc (Formerly Giant Yorktown Refining)								
Yorktown	11,900	30,000	0	12,000	18,960	0	0	0
Washington	164,100	57,400	42,300	107,200	29,300	0	7,600	0
BP West Coast Products LLC								
Ferndale	70,000	0	11,500	31,000	0	0	0	0
ConocoPhillips Company								
Ferndale	18,200	20,000	14,800	25,000	0	0	0	0
Shell Oil Products US								
Anacortes	32,900	37,400	16,000	44,200	0	0	0	0
Tesoro West Coast								
Anacortes	34,000	0	0	0	29,300	0	7,600	0
US Oil & Refining Co								
Tacoma	9,000	0	0	7,000	0	0	0	0
West Virginia	4,300	0	0	8,000	0	0	6,300	0
Ergon West Virginia Inc								
Newell	4,300	0	0	8,000	0	0	6,300	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(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	
Wisconsin	34,300	0	35,000	0	20,500	0	0	0	0
Murphy Oil USA Inc Superior	34,300	0	35,000	0	20,500	0	0	0	0
Wyoming	154,500	0	166,500	0	64,400	14,500	0	0	0
Frontier Refining Inc Cheyenne	47,000	0	52,000	0	25,000	14,500	0	0	0
Little America Refining Co Evansville	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	71,500	0	32,000	0	0	0	0
Wyoming Refining Co New Castle	14,000	0	14,200	0	1,800	0	0	0	0
U.S. Total	17,225,797	368,050	18,174,072	383,950	8,420,501	2,374,260	205,400	16,000	10,600
Puerto Rico	77,900	0	85,000	0	31,500	0	0	0	0
Shell Chem Yabucoa Inc Yabucoa	77,900	0	85,000	0	31,500	0	0	0	0
Virgin Islands	500,000	0	525,000	0	225,000	61,000	0	42,000	0
Hovensa LLC Kingshill	500,000	0	525,000	0	225,000	61,000	0	42,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Downstream Charge Capacity							
	Catalytic Cracking		Catalytic Hydrocracking ^a			Catalytic Reforming		Fuels Solvent Deasphalting
	Fresh	Recycled	Distillate	Gas Oil	Residual	Low Pressure	High Pressure	
Wisconsin	11,000	0	0	0	0	8,000	0	0
Murphy Oil USA Inc Superior	11,000	0	0	0	0	8,000	0	0
Wyoming	50,306	500	11,500	0	0	14,000	17,400	0
Frontier Refining Inc Cheyenne	12,000	0	0	0	0	9,000	0	0
Little America Refining Co Evansville	10,500	500	0	0	0	5,000	0	0
Silver Eagle Refining Evanston	0	0	0	0	0	0	2,150	0
Sinclair Oil Corp Sinclair	21,806	0	11,500	0	0	0	12,500	0
Wyoming Refining Co New Castle	6,000	0	0	0	0	0	2,750	0
U.S. Total	6,265,697	78,740	556,900	1,004,425	209,000	2,402,350	1,489,588	378,350
Puerto Rico	0	0	0	0	0	20,000	0	0
Shell Chem Yabucoa Inc Yabucoa	0	0	0	0	0	20,000	0	0
Virgin Islands	149,000	0	0	0	0	90,000	25,000	0
Hovensa LLC Kingshill	149,000	0	0	0	0	90,000	25,000	0

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2008
(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
Wisconsin	11,000	11,000	6,200	5,000	0	0	0	0
Murphy Oil USA Inc Superior	11,000	11,000	6,200	5,000	0	0	0	0
Wyoming	35,950	10,000	15,000	47,600	0	0	20,000	0
Frontier Refining Inc Cheyenne	10,000	10,000	0	17,500	0	0	0	0
Little America Refining Co Evansville	7,200	0	0	9,500	0	0	0	0
Silver Eagle Refining Evanston	3,250	0	0	0	0	0	0	0
Sinclair Oil Corp Sinclair	12,500	0	15,000	15,000	0	0	20,000	0
Wyoming Refining Co New Castle	3,000	0	0	5,600	0	0	0	0
U.S. Total	4,348,590	2,420,968	1,137,010	3,468,471	857,168	251,200	2,672,440	651,631
Puerto Rico	20,000	0	0	0	0	0	19,800	0
Shell Chem Yabucoa Inc Yabucoa	20,000	0	0	0	0	0	19,800	0
Virgin Islands	115,000	20,000	60,000	60,000	20,000	0	145,000	56,000
Hovensa LLC Kingshill	115,000	20,000	60,000	60,000	20,000	0	145,000	56,000

^a Hydrocracking capacity declined from the prior year due to the reclassification of some hydrocracking capacity to hydrotreating capacity.

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."

Directory of Operable Petroleum Refineries on Tables 3 and 4

Refiner	State(s) ^a	Refiner	State(s) ^a
Age Refining Inc.....		TX Marathon Petroleum Co LLC.....	IL, KY, LA, MI, MN, OH, TX
Alon USA Energy Inc.....		TX Montana Refining Co.....	MT
American Refining Group Inc.....		PA Motiva Enterprises LLC.....	LA, TX
BP Exploration Alaska Inc.....		AK Murphy Oil USA Inc.....	LA, WI
BP Products North America Inc.....	IN, OH, TX	NCRA.....	KS
BP West Coast Products LLC.....	CA, WA	Navajo Refining Co.....	NM
Big West Of California.....	CA	PDV Midwest Refining LLC.....	IL
Big West Oil Co.....	UT	Paramount Petroleum Corporation.....	CA, OR
Calcasieu Refining Co.....	LA	Pasadena Refining Systems Inc.....	TX
Calumet Lubricants Co LP.....	LA	Pelican Refining Company LLC.....	LA
Calumet Shreveport LLC.....	LA	Petro Star Inc.....	AK
Cenex Harvest States Coop.....	MT	Placid Refining Co.....	LA
Chalmette Refining LLC.....	LA	Premcor Refining Group Inc.....	DE, TN, TX
Chevron USA Inc.....	CA, HI, MS, NJ, UT	San Joaquin Refining Co Inc.....	CA
Citgo Asphalt Refining Co.....	GA, NJ	Shell Chem Yabucoa Inc.....	PR
Citgo Petroleum Corp.....	LA	Shell Chemical LP.....	AL, LA
Citgo Refining & Chemical Inc.....	TX	Shell Oil Products US.....	CA, WA
Coffeyville Resources Rfg & Mktg LLC.....	KS	Silver Eagle Refining.....	UT, WY
ConocoPhillips Alaska Inc.....	AK	Sinclair Oil Corp.....	OK, WY
ConocoPhillips Company.....	CA, LA, MT, NJ, OK, PA, TX, WA	Somerset Refinery Inc.....	KY
Countrymark Cooperative Inc.....	IN	South Hampton Resources Inc.....	TX
Cross Oil Refining & Marketing Inc.....	AR	Suncor Energy (USA) Inc.....	CO
Deer Park Refining LTD Partnership.....	TX	Sunoco Inc.....	NJ, OH, OK, PA
Delek Refining LTD.....	TX	Sunoco Inc (R&M).....	PA
Edgington Oil Co Inc.....	CA	Tenby Inc.....	CA
Equistar Chemicals LP.....	TX	Tesoro Alaska Petroleum Co.....	AK
Ergon Refining Inc.....	MS	Tesoro Hawaii Corp.....	HI
Ergon West Virginia Inc.....	WV	Tesoro Refining & Marketing Co.....	CA
Excel Paralubes.....	LA	Tesoro West Coast.....	ND, UT, WA
ExxonMobil Refining & Supply Co.....	CA, IL, LA, MT, TX	Total Petrochemicals Inc.....	TX
Flint Hills Resources Alaska LLC.....	AK	Trigeant LTD.....	TX
Flint Hills Resources LP.....	MN, TX	US Oil & Refining Co.....	WA
Foreland Refining Corp.....	NV	Ultramar Inc.....	CA
Frontier El Dorado Refining Co.....	KS	United Refining Co.....	PA
Frontier Refining Inc.....	WY	Valero Energy Corporation.....	TX
Goodway Refining LLC.....	AL	Valero Refining Co California.....	CA
Greka Energy.....	CA	Valero Refining Co Louisiana.....	LA
Hess Corporation.....	NJ	Valero Refining Co New Jersey.....	NJ
Holly Corp Refining & Marketing.....	UT	Valero Refining Co Oklahoma.....	OK
Houston Refining LP.....	TX	Valero Refining Co Texas LP.....	TX
Hovensa LLC.....	VI	Valero Refining New Orleans LLC.....	LA
Hunt Refining Co.....	AL	Ventura Refining & Transmission LLC.....	OK
Hunt Southland Refining Co.....	MS	WRB Refining LLC.....	IL, TX
Kern Oil & Refining Co.....	CA	Western Refining Company LP.....	TX
Lima Refining Company.....	OH	Western Refining Southwest Inc.....	NM
Lion Oil Co.....	AR	Western Refining Yorktown Inc.....	VA
Little America Refining Co.....	WY	Wynnewood Refining Co.....	OK
Lunday Thagard Co.....	CA	Wyoming Refining Co.....	WY

^a Includes Puerto Rico (PR) and Virgin Islands (VI).

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
Alabama	0	0	15,000	1,200	2,000	0	2,500	9	140
Hunt Refining Co									
Tuscaloosa	0	0	15,000	0	0	0	2,500	9	105
Shell Chemical LP									
Saraland	0	0	0	1,200	2,000	0	0	0	35
Alaska	0	1,350	4,000	0	4,200	0	0	13	20
Flint Hills Resources Alaska LLC									
North Pole	0	1,350	2,000	0	0	0	0	0	0
Tesoro Alaska Petroleum Co									
Kenai	0	0	2,000	0	4,200	0	0	13	20
Arkansas	5,000	0	16,100	0	6,600	5,000	0	3	157
Cross Oil Refining & Marketing Inc									
Smackover	0	0	1,500	0	0	5,000	0	3	0
Lion Oil Co									
El Dorado	5,000	0	14,600	0	6,600	0	0	0	157
California	179,026	1,500	65,433	31,150	114,300	39,800	126,200	1,072	4,408
Big West Of California									
Bakersfield	0	0	0	700	0	0	6,000	25	35
BP West Coast Products LLC									
Los Angeles	17,000	0	0	3,500	23,000	0	11,400	105	350
Chevron USA Inc									
El Segundo	33,500	0	0	7,700	22,300	0	20,000	77	600
Richmond	23,426	0	0	7,200	46,800	34,000	0	181	789
ConocoPhillips Company									
Arroyo Grande	0	0	0	0	0	0	5,800	0	120
Rodeo	0	0	0	3,500	9,400	0	6,000	84	310
Wilmington	9,900	0	0	3,100	12,800	0	16,800	105	370
Edgington Oil Co Inc									
Long Beach	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co									
Torrance	24,200	0	0	0	0	0	16,700	146	400
Greka Energy									
Santa Maria	0	0	6,000	0	0	0	0	0	0
Kern Oil & Refining Co									
Bakersfield	0	0	0	0	0	0	0	0	5
Lunday Thagard Co									
South Gate	0	0	5,833	0	0	0	0	0	0
Paramount Petroleum Corporation									
Paramount	0	0	16,500	0	0	0	0	0	40
San Joaquin Refining Co Inc									
Bakersfield	0	1,500	8,000	0	0	5,800	0	4	3
Shell Oil Products US									
Martinez	12,000	0	15,000	0	0	0	8,600	107	413
Tenby Inc									
Oxnard	0	0	1,600	0	0	0	0	0	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
Tesoro Refining & Marketing Co									
Martinez	15,400	0	0	0	0	0	8,600	82	200
(Formerly Shell Oil Products US)									
Wilmington	12,500	0	0	4,400	0	0	9,500	15	240
Ultramar Inc									
Wilmington	14,000	0	0	0	0	0	10,000	0	230
Valero Refining Co California									
Benicia	17,100	0	9,000	1,050	0	0	6,800	141	303
Wilmington	0	0	3,500	0	0	0	0	0	0
Colorado	0	0	12,250	985	0	0	0	22	116
Suncor Energy (USA) Inc									
Commerce City East	0	0	0	985	0	0	0	0	2
Commerce City West	0	0	12,250	0	0	0	0	22	114
Delaware	11,729	1,700	0	6,000	0	0	13,620	40	596
Premcor Refining Group Inc									
Delaware City	11,729	1,700	0	6,000	0	0	13,620	40	596
Georgia	0	0	24,000	0	0	0	0	0	0
Citgo Asphalt Refining Co									
Savannah	0	0	24,000	0	0	0	0	0	0
Hawaii	5,000	0	16,100	3,200	0	0	0	21	34
Chevron USA Inc									
Honolulu	5,000	0	15,000	3,200	0	0	0	3	0
Tesoro Hawaii Corp									
Ewa Beach	0	0	1,100	0	0	0	0	18	34
Illinois	82,500	13,500	70,100	0	12,000	0	48,595	114	1,819
ExxonMobil Refining & Supply Co									
Joliet	28,200	0	15,100	0	0	0	18,595	0	683
Marathon Petroleum Co LLC									
Robinson	11,500	0	0	0	12,000	0	7,000	0	202
PDV Midwest Refining LLC									
Lemont	21,000	9,000	0	0	0	0	16,500	12	430
WRB Refining LLC									
Wood River	21,800	4,500	55,000	0	0	0	6,500	102	504
Indiana	37,700	17,000	65,700	0	28,200	0	13,400	31	559
BP Products North America Inc									
Whiting	36,000	17,000	63,000	0	26,000	0	13,400	31	550
Countrymark Cooperative Inc									
Mount Vernon	1,700	0	2,700	0	2,200	0	0	0	9
Kansas	30,800	2,200	4,000	3,650	23,500	0	17,356	69	635
Coffeyville Resources Rfg & Mktg LLC (Formerly Coffeyville Resources LLC)									
Coffeyville	10,500	0	0	0	0	0	8,100	0	229
Frontier El Dorado Refining Co									
El Dorado	13,500	2,200	4,000	850	12,500	0	5,000	35	260
NCRA									
McPherson	6,800	0	0	2,800	11,000	0	4,256	34	146
Kentucky	20,500	7,000	23,000	0	16,250	9,000	0	0	448

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
Marathon Petroleum Co LLC									
Cattlettsburg	20,500	7,000	23,000	0	16,000	9,000	0	0	448
Somerset Refinery Inc									
Somerset	0	0	0	0	250	0	0	0	0
Louisiana	208,400	39,700	66,500	54,700	77,720	77,220	142,336	142	5,703
Calcasieu Refining Co									
Lake Charles	0	0	0	7,600	0	0	0	0	0
Calumet Lubricants Co LP									
Cotton Valley	0	0	0	0	500	0	0	2	0
Princeton	0	0	2,000	0	0	7,000	0	5	3
Calumet Shreveport LLC									
Shreveport	0	0	6,500	0	0	12,500	0	12	35
Chalmette Refining LLC									
Chalmette	13,100	10,200	0	10,000	10,000	0	11,000	0	935
Citgo Petroleum Corp									
Lake Charles	18,000	17,200	0	0	28,000	11,000	26,500	0	640
ConocoPhillips Company									
Belle Chasse	38,000	12,300	0	2,000	0	0	5,982	0	115
Westlake	6,000	0	0	0	0	0	22,500	0	440
Excel Paralubes									
Westlake	0	0	0	0	0	30,420	0	0	185
ExxonMobil Refining & Supply Co									
Baton Rouge	39,700	0	0	0	0	16,300	30,831	0	800
Marathon Petroleum Co LLC									
Garyville	28,000	0	30,000	23,000	20,500	0	14,500	0	756
Motiva Enterprises LLC									
Convent	16,500	0	0	0	12,500	0	0	63	728
Norco	16,800	0	0	12,100	0	0	7,238	60	168
Murphy Oil USA Inc									
Meraux	8,500	0	18,000	0	0	0	0	0	180
Pelican Refining Company LLC									
Lake Charles	0	0	10,000	0	0	0	0	0	0
Placid Refining Co									
Port Allen	4,000	0	0	0	0	0	0	0	28
Valero Refining Co Louisiana									
Krotz Springs	0	0	0	0	6,220	0	0	0	0
Valero Refining New Orleans LLC									
Norco	19,800	0	0	0	0	0	23,785	0	690
Michigan	5,000	0	23,000	0	0	0	0	0	146
Marathon Petroleum Co LLC									
Detroit	5,000	0	23,000	0	0	0	0	0	146
Minnesota	18,000	0	58,000	2,000	8,500	0	22,000	194	1,119
Flint Hills Resources LP									
Saint Paul	12,500	0	45,000	0	0	0	22,000	185	997
Marathon Petroleum Co LLC									
Saint Paul	5,500	0	13,000	2,000	8,500	0	0	9	122
Mississippi	18,600	21,000	36,125	0	0	11,400	35,500	238	1,324

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
Chevron USA Inc									
Pascagoula	18,600	21,000	20,000	0	0	0	35,500	230	1,300
Ergon Refining Inc									
Vicksburg	0	0	10,000	0	0	11,400	0	8	24
Hunt Southland Refining Co									
Sandersville	0	0	6,125	0	0	0	0	0	0
Montana	17,550	0	38,100	5,250	700	0	8,800	89	416
Cenex Harvest States Coop									
Laurel	4,200	0	19,800	1,250	0	0	0	30	170
ConocoPhillips Company									
Billings	7,250	0	0	4,000	0	0	4,800	34	246
ExxonMobil Refining & Supply Co									
Billings	5,100	0	14,500	0	0	0	4,000	23	0
Montana Refining Co									
Great Falls	1,000	0	3,800	0	700	0	0	2	0
Nevada	0	0	5,000	0	0	0	0	0	0
Foreland Refining Corp									
Ely	0	0	5,000	0	0	0	0	0	0
New Jersey	40,200	7,500	98,500	9,400	0	12,000	7,500	29	296
Chevron USA Inc									
Perth Amboy	0	0	35,000	0	0	0	0	0	0
Citgo Asphalt Refining Co									
Paulsboro	0	0	49,000	0	0	0	0	0	0
ConocoPhillips Company									
Linden	18,000	0	0	4,000	0	0	0	20	0
Hess Corporation									
Port Reading	7,000	0	0	0	0	0	0	0	10
Sunoco Inc									
Westville	4,000	7,500	0	5,400	0	0	0	0	80
Valero Refining Co New Jersey									
Paulsboro	11,200	0	14,500	0	0	12,000	7,500	9	206
New Mexico	10,900	0	6,700	600	13,540	0	0	10	161
Navajo Refining Co									
Artesia	9,100	0	6,700	0	9,540	0	0	10	156
Western Refining Southwest Inc (Formerly Giant Industries Inc)									
Bloomfield	0	0	0	600	0	0	0	0	3
Gallup	1,800	0	0	0	4,000	0	0	0	2
North Dakota	4,400	0	0	0	0	0	0	0	17
Tesoro West Coast									
Mandan	4,400	0	0	0	0	0	0	0	17
Ohio	28,450	18,200	22,500	12,500	18,700	0	14,000	33	641
BP Products North America Inc									
Toledo	11,500	0	9,000	0	0	0	10,000	33	346
Lima Refining Company (Formerly Premcor Refining Group Inc)									
Lima	0	9,200	0	4,500	18,700	0	4,000	0	110

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
Marathon Petroleum Co LLC									
Canton	7,000	0	13,500	0	0	0	0	0	123
Sunoco Inc									
Toledo	9,950	9,000	0	8,000	0	0	0	0	62
Oklahoma	34,100	0	36,216	10,600	13,200	9,100	8,250	61	322
ConocoPhillips Company									
Ponca City	17,220	0	0	8,800	0	0	6,300	35	0
Sinclair Oil Corp									
Tulsa	4,868	0	15,216	0	9,000	0	0	0	28
Sunoco Inc									
Tulsa	0	0	0	900	0	9,100	1,950	0	0
Valero Refining Co Oklahoma									
Ardmore	7,012	0	14,000	900	0	0	0	26	243
Wynnewood Refining Co									
Wynnewood	5,000	0	7,000	0	4,200	0	0	0	51
Oregon	0	0	7,000	0	0	0	0	0	0
Paramount Petroleum Corporation									
Portland	0	0	7,000	0	0	0	0	0	0
Pennsylvania	54,100	12,920	22,065	13,900	6,800	2,945	0	0	405
American Refining Group Inc									
Bradford	0	0	65	0	0	2,945	0	0	0
ConocoPhillips Company									
Trainer	12,000	0	0	0	0	0	0	0	41
Sunoco Inc									
Marcus Hook	12,000	8,000	0	5,900	0	0	0	0	34
Sunoco Inc (R&M)									
Philadelphia	26,000	4,920	0	8,000	0	0	0	0	260
United Refining Co									
Warren	4,100	0	22,000	0	6,800	0	0	0	70
Tennessee	12,000	0	0	0	4,000	0	0	0	116
Premcor Refining Group Inc									
Memphis	12,000	0	0	0	4,000	0	0	0	116
Texas	369,850	141,900	84,100	77,600	119,733	76,595	238,276	727	12,672
Alon USA Energy Inc									
Big Spring	5,000	1,000	7,600	0	0	0	0	0	150
BP Products North America Inc									
Texas City	46,000	25,000	0	18,000	24,000	0	17,000	0	1,400
Citgo Refining & Chemical Inc									
Corpus Christi	24,000	14,600	0	0	0	0	17,000	0	368
ConocoPhillips Company									
Sweeny	21,700	11,600	0	0	10,100	0	22,800	155	664
Deer Park Refining LTD Partnership									
Deer Park	18,500	0	0	0	0	0	30,000	108	1,150
Delek Refining LTD									
Tyler	4,700	0	0	500	0	0	1,500	0	39
Equistar Chemicals LP									
Channelview	22,000	0	0	0	0	0	0	0	0

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
ExxonMobil Refining & Supply Co									
Baytown	35,800	0	0	0	0	21,800	19,755	0	1,796
Beaumont	16,300	0	0	11,200	24,500	10,000	15,885	55	624
Flint Hills Resources LP									
Corpus Christi	14,700	34,500	0	4,900	2,500	0	3,925	0	237
Houston Refining LP									
Houston	11,250	7,000	0	0	0	3,895	28,750	0	803
Marathon Petroleum Co LLC									
Texas City	13,000	2,000	0	0	0	0	0	0	40
Motiva Enterprises LLC									
Port Arthur	20,000	0	0	0	0	39,000	15,616	0	818
Pasadena Refining Systems Inc									
Pasadena	10,000	0	0	0	0	0	2,200	0	28
Premcor Refining Group Inc									
Port Arthur	19,900	0	0	0	0	0	32,240	0	1,280
South Hampton Resources Inc									
Silsbee	0	1,100	0	0	1,500	0	0	2	0
Total Petrochemicals Inc									
Port Arthur	5,500	13,600	4,000	0	9,333	0	0	0	300
Trigeant LTD									
Corpus Christi	0	0	16,000	0	0	0	0	0	0
Valero Energy Corporation									
Sunray	9,500	0	12,000	3,000	0	0	0	0	73
Three Rivers	6,500	10,500	0	3,000	0	1,900	0	30	70
Valero Refining Co Texas LP									
Corpus Christi	17,000	21,000	38,000	17,000	12,000	0	6,270	275	1,288
Houston	11,000	0	0	0	0	0	0	0	386
Texas City	12,000	0	0	0	6,500	0	18,000	0	817
Western Refining Company LP (Formerly Western Refining Corp)									
El Paso	11,500	0	6,500	5,000	0	0	0	11	1
WRB Refining LLC									
Borger	14,000	0	0	15,000	29,300	0	7,335	91	340
Utah	17,580	0	3,300	3,200	4,700	0	1,900	0	59
Big West Oil Co									
North Salt Lake	2,500	0	0	1,900	1,700	0	0	0	4
Chevron USA Inc									
Salt Lake City	5,600	0	0	1,300	0	0	1,900	0	27
Holly Corp Refining & Marketing									
Woods Cross	2,880	0	1,800	0	3,000	0	0	0	10
Silver Eagle Refining									
Woods Cross	0	0	1,500	0	0	0	0	0	0
Tesoro West Coast									
Salt Lake City	6,600	0	0	0	0	0	0	0	18
Virginia	4,200	0	0	0	0	0	5,800	14	60
Western Refining Yorktown Inc (Formerly Giant Yorktown Refining)									
Yorktown	4,200	0	0	0	0	0	5,800	14	60
Washington	33,800	0	13,500	12,200	3,000	0	24,650	120	731

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2008

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane				
BP West Coast Products LLC									
Ferndale	0	0	0	6,000	0	0	16,250	120	252
ConocoPhillips Company									
Ferndale	9,500	0	0	2,600	0	0	0	0	118
Shell Oil Products US									
Anacortes	11,900	0	0	0	0	0	8,400	0	350
Tesoro West Coast									
Anacortes	12,400	0	5,500	3,600	0	0	0	0	0
US Oil & Refining Co									
Tacoma	0	0	8,000	0	3,000	0	0	0	11
West Virginia	0	0	550	0	0	6,100	0	0	1
Ergon West Virginia Inc									
Newell	0	0	550	0	0	6,100	0	0	1
Wisconsin	1,600	0	7,500	0	0	0	0	0	34
Murphy Oil USA Inc									
Superior	1,600	0	7,500	0	0	0	0	0	34
Wyoming	10,000	0	14,100	24	1,000	0	4,700	58	332
Frontier Refining Inc									
Cheyenne	4,200	0	4,000	0	0	0	4,700	6	116
Little America Refining Co									
Evansville	0	0	2,100	0	0	0	0	0	5
Silver Eagle Refining									
Evanston	0	0	0	0	1,000	0	0	0	0
Sinclair Oil Corp									
Sinclair	4,500	0	8,000	0	0	0	0	52	207
Wyoming Refining Co									
New Castle	1,300	0	0	24	0	0	0	0	4
U.S. Total	1,260,985	285,470	858,439	248,159	478,643	249,160	735,383	3,109	33,487
Puerto Rico	0	0	0	0	0	0	0	18	22
Shell Chem Yabucoa Inc									
Yabucoa	0	0	0	0	0	0	0	18	22
Virgin Islands	20,000	20,000	0	0	18,000	0	19,000	0	550
Hovensa LLC									
Kingshill	20,000	20,000	0	0	18,000	0	19,000	0	550

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."

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
Companies with Capacity Over 100,000 bbl/cd			
VALERO ENERGY CORP	2,083,290	Joliet, Illinois	238,600
Premcor Refining Group Inc		Torrance, California	149,500
Port Arthur, Texas	289,000	Billings, Montana	60,000
Delaware City, Delaware	182,200	CONOCOPHILLIPS	1,782,600
Memphis, Tennessee	180,000	ConocoPhillips Company	
Valero Refining Co Texas LP		Belle Chasse, Louisiana	247,000
Texas City, Texas	199,500	Sweeny, Texas	247,000
Corpus Christi, Texas	142,000	Westlake, Louisiana	239,400
Houston, Texas	83,000	Linden, New Jersey	238,000
Valero Energy Corporation		Ponca City, Oklahoma	194,000
Sunray, Texas	171,000	Trainer, Pennsylvania	185,000
Three Rivers, Texas	93,000	Wilmington, California	139,000
Valero Refining New Orleans LLC		Ferndale, Washington	100,000
Norco, Louisiana	185,003	Rodeo, California	76,000
Valero Refining Co New Jersey		Billings, Montana	58,000
Paulsboro, New Jersey	160,000	Arroyo Grande, California	44,200
Valero Refining Co California		ConocoPhillips Alaska Inc	
Benicia, California	144,000	Prudhoe Bay, Alaska	15,000
Wilmington, California	6,300	BP PLC	1,511,500
Valero Refining Co Oklahoma		BP Products North America Inc	
Ardmore, Oklahoma	87,400	Texas City, Texas	467,720
Ultramar Inc		Whiting, Indiana	410,000
Wilmington, California	80,887	Toledo, Ohio	131,000
Valero Refining Co Louisiana		BP West Coast Products LLC	
Krotz Springs, Louisiana	80,000	Los Angeles, California	265,000
EXXON MOBIL CORP	1,866,600	Ferndale, Washington	225,000
ExxonMobil Refining & Supply Co		BP Exploration Alaska Inc	
Baytown, Texas	567,000	Prudhoe Bay, Alaska	12,780
Baton Rouge, Louisiana	503,000		
Beaumont, Texas	348,500		

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
MARATHON OIL CORP	1,016,000	Citgo Asphalt Refining Co	
Marathon Petroleum Co LLC		Paulsboro, New Jersey	32,000
Garyville, Louisiana	256,000	Savannah, Georgia	28,000
Catlettsburg, Kentucky	226,000	KOCH INDUSTRIES INC	786,276
Robinson, Illinois	204,000	Flint Hills Resources LP	
Detroit, Michigan	102,000	Saint Paul, Minnesota	288,150
Canton, Ohio	78,000	Corpus Christi, Texas	288,126
Texas City, Texas	76,000	Flint Hills Resources Alaska LLC	
Saint Paul, Minnesota	74,000	North Pole, Alaska	210,000
CHEVRON CORP	1,011,901	MOTIVA ENTERPRISES LLC	756,400
Chevron USA Inc		(50% Royal Dutch/Shell Group, 50% Saudi Aramco)	
Pascagoula, Mississippi	330,000	Motiva Enterprises LLC	
El Segundo, California	260,000	Port Arthur, Texas	285,000
Richmond, California	242,901	Norco, Louisiana	236,400
Perth Amboy, New Jersey	80,000	Convent, Louisiana	235,000
Honolulu, Hawaii	54,000	TESORO CORP	664,500
Salt Lake City, Utah	45,000	Tesoro Refining & Marketing Co	
SUNOCO INC	903,000	Martinez, California	166,000
Sunoco Inc		Wilmington, California ^a	97,000
Marcus Hook, Pennsylvania	178,000	Tesoro West Coast	
Toledo, Ohio	160,000	Anacortes, Washington	120,000
Westville, New Jersey	145,000	Mandan, North Dakota	58,000
Tulsa, Oklahoma	85,000	Salt Lake City, Utah	58,000
Sunoco Inc (R&M)		Tesoro Hawaii Corp	
Philadelphia, Pennsylvania	335,000	Ewa Beach, Hawaii	93,500
PDV AMERICA INC	812,500	Tesoro Alaska Petroleum Co	
Citgo Petroleum Corp		Kenai, Alaska	72,000
Lake Charles, Louisiana	429,500	WRB REFINING LLC	452,000
PDV Midwest Refining LLC		WRB Refining LLC	
Lemont, Illinois	167,000	Wood River, Illinois	306,000
Citgo Refining & Chemical Inc		(50% ConocoPhillips, 50% EnCana)	
Corpus Christi, Texas	156,000	Borger, Texas	146,000
		(65% ConocoPhillips, 35% EnCana)	

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
ROYAL DUTCH/SHELL GROUP	441,600	Little America Refining Co	
Shell Oil Products US		Evansville, Wyoming	24,500
Martinez, California	155,600	ALON ISRAEL OIL COMPANY LTD	155,000
Anacortes, Washington	145,000	Alon USA Energy Inc	
Shell Chemical LP		Big Spring, Texas	67,000
Saraland, Alabama	86,000	Paramount Petroleum Corporation	
Saint Rose, Louisiana	55,000	Paramount, California	53,000
DEER PARK REFINING LTD PTNRSHIP (50% Royal Dutch/Shell Group, 50% Pemex)		Edgington Oil Co Inc	
Deer Park Refining LTD Partnership		Long Beach, California	35,000
Deer Park, Texas	329,800	FRONTIER OIL REFINING & MKTG	154,500
ACCESS INDUSTRIES		Frontier El Dorado Refining Co	
^b Houston Refining LP		El Dorado, Kansas	107,500
Houston, Texas	270,600	Frontier Refining Inc	
TOTAL SA		Cheyenne, Wyoming	47,000
Total Petrochemicals Inc		MURPHY OIL CORP	154,300
Port Arthur, Texas	232,000	Murphy Oil USA Inc	
WESTERN REFINING INC.	223,250	Meraux, Louisiana	120,000
^c Western Refining Company LP		Superior, Wisconsin	34,300
El Paso, Texas	122,000	HUSKY ENERGY INC	
^d Western Refining Yorktown Inc		^f Lima Refining Company	
Yorktown, Virginia	63,650	Lima, Ohio	146,200
^e Western Refining Southwest Inc		CHS INC	142,300
Gallup, New Mexico	20,800	NCRA	
Bloomfield, New Mexico	16,800	McPherson, Kansas	82,700
CHALMETTE REFINING LLC (50% ExxonMobil, 50% PDV)		Cenex Harvest States Coop	
Chalmette Refining LLC		Laurel, Montana	59,600
Chalmette, Louisiana	192,760	COMPAGNIE NATIONALE A PORTEFEUILLE	137,850
SINCLAIR OIL CORP	160,800	Pasadena Refining Systems Inc	
Sinclair Oil Corp		Pasadena, Texas	100,000
Tulsa, Oklahoma	70,300	US Oil & Refining Co	
Sinclair, Wyoming	66,000	Tacoma, Washington	37,850

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
CVR ENERGY INC		Wynnewood, Oklahoma	71,700
Coffeyville Resources Rfg & Mktg LLC ^g		ARCTIC SLOPE REGIONAL CORPORATION	65,500
Coffeyville, Kansas	115,700	Petro Star Inc	
ERGON INC	113,000	Valdez, Alaska	48,000
Lion Oil Co		North Pole, Alaska	17,500
El Dorado, Arkansas	70,000	UNITED REFINING INC	
Ergon Refining Inc		United Refining Co	
Vicksburg, Mississippi	23,000	Warren, Pennsylvania	65,000
Ergon West Virginia Inc		CALUMET LUBRICANTS CO	63,320
Newell, West Virginia	20,000	Calumet Shreveport LLC	
HOLLY CORP	109,050	Shreveport, Louisiana	42,000
Navajo Refining Co		Calumet Lubricants Co LP	
Artesia, New Mexico	84,000	Cotton Valley, Louisiana	13,020
Holly Corp Refining & Marketing		Princeton, Louisiana	8,300
Woods Cross, Utah	25,050	DELEK GROUP LTD	
Total	16,725,277	Delek Refining LTD	
	Companies with Capacity 30,001 to 100,000 bbl/cd	Tyler, Texas	58,000
FLYING J INC	95,400	PLACID OIL CO	
Big West Of California		Placid Refining Co	
Bakersfield, California	66,000	Port Allen, Louisiana	56,000
Big West Oil Co		HUNT CONSLD INC	45,500
North Salt Lake, Utah	29,400	Hunt Refining Co	
SUNCOR ENERGY INC	94,000	Tuscaloosa, Alabama	34,500
Suncor Energy (USA) Inc		Hunt Southland Refining Co	
Commerce City West, Colorado	62,000	Sandersville, Mississippi	11,000
Commerce City East, Colorado	32,000	Total	692,420
TRANSWORLD OIL USA INC		Companies with Capacity 10,001 to 30,000 bbl/cd	
Calcasieu Refining Co		KERN OIL & REFINING CO	
Lake Charles, Louisiana	78,000	Kern Oil & Refining Co	
GARY WILLIAMS CO		Bakersfield, California	26,000
Wynnewood Refining Co			

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day
COUNTRYMARK COOP INC		Lunday Thagard Co	
Countrymark Cooperative Inc		South Gate, California	8,500
Mount Vernon, Indiana	23,000	CROSS OIL REFINING CO INC	
SAN JOAQUIN REFINING CO INC		Cross Oil Refining & Marketing Inc	
San Joaquin Refining Co Inc		Smackover, Arkansas	7,500
Bakersfield, California	15,000	USA ENERGY CORP	
WYOMING REFINING CO		Somerset Refinery Inc ^h	
Wyoming Refining Co		Somerset, Kentucky	5,500
New Castle, Wyoming	14,000	GOODWAY REFINING LLC	
AGE REFINING & MARKETING INC		Goodway Refining LLC	
Age Refining Inc		Atmore, Alabama	4,100
San Antonio, Texas	13,500	OIL HOLDING INC	
SILVER EAGLE REFINING INC		Tenby Inc	
Silver Eagle Refining	13,250	Oxnard, California	2,800
Woods Cross, Utah	10,250	FORELAND REFINING CORP	
Evanston, Wyoming	3,000	Foreland Refining Corp	
VENTURA REFG & TRANSMISSION		Ely, Nevada	
Ventura Refining & Transmission LLC			2,000
Thomas, Oklahoma	12,000	Total.....	59,400
Total.....	116,750	U.S. Total.....	17,593,847
Companies with Capacity 10,000 bbl/cd or Less			
AMERICAN REFINING GROUP INC			
American Refining Group Inc			
Bradford, Pennsylvania	10,000		
CONNACHER OIL & GAS LTD			
Montana Refining Co			
Great Falls, Montana	9,500		
GREKA ENERGY			
Greka Energy			
Santa Maria, California	9,500		
WORLD OIL CO			

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2008

CORPORATION / Refiner / Location	Barrels per Calendar Day	CORPORATION / Refiner / Location	Barrels per Calendar Day

- a Formerly Owned By Shell Oil Products US
- b Formerly Owned By Lyondell Chemical Co
- c Formerly Western Refining Co LP
- d Formerly Owned By Giant Yorktown Refining
- e Formerly Owned By Giant Refining Co
- f Formerly Owned By Valero Energy Corp
- g Formerly Coffeyville Resources LLC
- h Formerly Owned By Somerset Oil Co

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

Table 6. Operable Crude Oil and Downstream Charge Capacity of Petroleum Refineries, January 1, 1981 to**January 1, 2008**

(Thousand Barrels per Stream Day, Except Where Noted)

Year/PAD District	Atmospheric Crude Oil Distillation	Downstream Charge Capacity							
		Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Hydro- Cracking ^a	Catalytic Reforming	Hydrotreating/ Desulfurization	Fuels Solvent Deasphalting
				Fresh	Recycled				
JAN 1, 1981	19,763	7,033	1,587	5,543	594	909	4,098	8,487	NA
JAN 1, 1982	19,018	7,197	1,782	5,474	562	892	3,966	8,539	NA
JAN 1, 1983	17,871	7,180	1,715	5,402	488	883	3,918	8,354	NA
JAN 1, 1984	17,059	7,165	1,852	5,310	492	952	3,907	9,009	NA
JAN 1, 1985	16,501	6,998	1,858	5,232	507	1,053	3,750	8,897	NA
JAN 1, 1986	16,346	6,892	1,880	5,214	463	1,125	3,744	8,791	NA
JAN 1, 1987	16,460	6,935	1,928	5,251	466	1,189	3,805	9,083	230
JAN 1, 1988	16,825	7,198	2,080	5,424	381	1,202	3,891	9,170	240
JAN 1, 1989	16,568	7,225	2,073	5,324	326	1,238	3,911	9,440	245
JAN 1, 1990	16,507	7,245	2,108	5,441	314	1,282	3,896	9,537	279
JAN 1, 1991	16,557	7,276	2,158	5,559	304	1,308	3,926	9,676	271
JAN 1, 1992	16,633	7,127	2,100	5,608	280	1,363	3,907	9,644	276
JAN 1, 1993	15,935	6,892	2,082	5,540	244	1,397	3,728	9,677	269
JAN 1, 1994	15,904	6,892	2,107	5,586	191	1,376	3,875	10,616	261
JAN 1, 1995	16,326	7,248	2,123	5,583	169	1,386	3,867	10,916	251
JAN 1, 1997	16,287	7,349	2,050	5,595	155	1,388	3,727	11,041	275
JAN 1, 1999	17,155	7,538	2,046	5,920	153	1,552	3,779	11,461	319
JAN 1, 2000	17,393	7,617	2,163	5,949	99	1,576	3,770	11,440	351
JAN 1, 2001	17,511	7,798	2,277	5,983	86	1,615	3,797	11,673	350
JAN 1, 2002	17,676	7,779	2,329	5,989	80	1,633	3,753	11,845	362
JAN 1, 2003	17,675	7,788	2,377	6,052	79	1,644	3,777	11,987	350
JAN 1, 2004	17,815	7,964	2,435	6,098	87	1,602	3,812	13,501	366
JAN 1, 2005	18,031	8,120	2,491	6,151	87	1,624	3,836	14,087	384
JAN 1, 2006	18,308	8,398	2,540	6,188	87	1,637	3,859	14,808	386
JAN 1, 2007	18,425	8,251	2,564	6,219	82	1,791	3,908	15,447	379
JAN 1, 2008	18,558	8,421	2,606	6,266	79	1,770	3,892	15,807	378
PADD I	1,817	714	100	763	7	44	323	1,373	20
PADD II	3,935	1,562	420	1,293	14	275	934	3,417	17
PADD III	8,816	4,249	1,398	3,118	50	807	1,886	8,133	239
PADD IV	641	234	70	201	4	18	129	540	6
PADD V	3,349	1,661	619	891	4	626	621	2,344	96
JAN 1, 2009^b	18,597	8,460	2,639	6,273	79	1,772	3,860	15,902	377
PADD I	1,817	714	102	765	7	45	323	1,378	20
PADD II	3,953	1,580	420	1,293	14	275	934	3,419	17
PADD III	8,832	4,261	1,398	3,120	50	808	1,850	8,210	238
PADD IV	641	243	90	201	4	18	130	545	6
PADD V	3,354	1,661	630	894	4	626	622	2,348	96
2008-2009^b	39	39	33	7	0	2	-32	95	-1
PADD I	0	0	2	2	0	1	0	5	0
PADD II	18	18	0	0	0	0	0	2	0
PADD III	16	12	0	2	0	1	-36	77	0
PADD IV	0	9	20	0	0	0	1	5	0
PADD V	4	0	11	3	0	0	1	4	0

^a Hydrocracking capacity declined from the prior year due to the reclassification of some hydrocracking capacity to hydrotreating capacity.^b Projected data from refiners.

Notes:

NA = Not available.

Totals may not equal sum of components due to independent rounding.

The EIA-820 refinery capacity survey was not conducted for January 1, 1996 or January 1, 1998.

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

Table 7. Operable Production Capacity of Petroleum Refineries, January 1, 1981 to January 1, 2008

(Thousand Barrels per Stream Day, Except Where Noted)

Year/PAD District	Production Capacity							
	Alkylates	Aromatics	Asphalt and Road Oil	Isomers	Lubricants	Marketable Petroleum Coke	Hydrogen (MMcfd)	Sulfur (short tons/day)
JAN 1, 1981	974	299	765	131	234	276	2,054	NA
JAN 1, 1982	984	290	740	162	242	267	1,944	NA
JAN 1, 1983	960	237	722	212	241	296	2,298	NA
JAN 1, 1984	945	218	800	208	241	407	2,444	NA
JAN 1, 1985	917	215	767	219	243	424	2,572	NA
JAN 1, 1986	941	276	804	258	246	356	2,357	NA
JAN 1, 1987	974	287	788	326	250	364	2,569	23,806
JAN 1, 1988	993	289	788	465	232	368	2,418	27,639
JAN 1, 1989	1,015	290	823	469	230	333	2,501	28,369
JAN 1, 1990	1,030	290	844	456	232	341	2,607	24,202
JAN 1, 1991	1,077	292	866	490	229	367	2,527	23,875
JAN 1, 1992	1,095	290	812	494	217	356	2,644	23,811
JAN 1, 1993	1,083	286	814	499	217	393	2,674	25,940
JAN 1, 1994	1,086	278	793	499	213	410	2,940	24,554
JAN 1, 1995	1,105	285	846	502	217	427	3,139	24,885
JAN 1, 1997	1,120	288	872	577	244	458	3,052	26,466
JAN 1, 1999	1,172	302	846	667	233	441	3,104	26,423
JAN 1, 2000	1,185	315	886	643	218	464	3,143	26,645
JAN 1, 2001	1,191	318	900	654	214	538	3,230	27,446
JAN 1, 2002	1,181	313	917	658	218	548	3,244	29,107
JAN 1, 2003	1,191	316	873	679	216	646	3,265	29,766
JAN 1, 2004	1,205	322	887	688	210	672	3,258	30,606
JAN 1, 2005	1,229	318	881	703	217	696	2,965	31,004
JAN 1, 2006	1,238	319	893	708	220	709	2,823	32,421
JAN 1, 2007	1,227	306	877	739	234	722	3,100	33,021
JAN 1, 2008	1,261	285	858	727	249	735	3,109	33,487
PADD I	110	22	145	36	21	27	83	1,358
PADD II	275	58	310	153	18	124	502	5,856
PADD III	613	203	225	354	170	419	1,129	20,157
PADD IV	45	0	68	16	0	15	169	923
PADD V	218	3	111	168	40	151	1,226	5,193
JAN 1, 2009^a	1,264	298	874	728	249	761	3,114	33,448
PADD I	111	22	145	36	21	42	83	1,357
PADD II	275	58	310	153	18	124	502	5,856
PADD III	616	216	225	355	170	422	1,134	20,119
PADD IV	45	0	68	16	0	21	169	923
PADD V	218	3	126	168	40	153	1,226	5,193
2008-2009^a	3	13	16	1	0	26	5	-39
PADD I	1	0	0	0	0	15	0	-1
PADD II	0	0	0	0	0	0	0	0
PADD III	3	13	0	1	0	3	5	-38
PADD IV	0	0	0	0	0	6	0	0
PADD V	0	0	15	0	0	2	0	0

^a Projected data from refiners.

Notes:

NA = Not available. MMcfd = Million cubic feet per day.

Totals may not equal sum of components due to independent rounding.

The EIA-820 refinery capacity survey was not conducted for January 1, 1996 or January 1, 1998.

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

a

Table 8. Working Storage Capacity at Operable Refineries by PAD District as of January 1, 2008
(Thousand Barrels)

Commodity	PAD Districts					United States
	I	II	III	IV	V	
Crude Oil	21,437	18,780	73,011	3,652	34,992	151,872
Liquefied Petroleum Gases	4,143	7,414	17,390	484	2,351	31,782
Propane/Propylene	1,702	3,433	4,342	172	182	9,831
Normal Butane/Butylene	2,441	3,981	13,048	312	2,169	21,951
Other Liquids	12,603	13,931	31,919	3,209	21,200	82,862
Oxygenates	381	115	520	77	39	1,132
Fuel Ethanol	310	115	48	77	39	589
ETBE	0	0	0	0	0	0
MTBE	71	0	454	0	0	525
Other Oxygenates ^b	0	0	18	0	0	18
Gasoline Blending Components	12,222	13,816	31,399	3,132	21,161	81,730
Petroleum Products	48,369	77,578	185,441	17,765	74,775	403,928
Finished Motor Gasoline	5,652	15,052	26,227	3,498	9,345	59,774
Reformulated	2,012	536	2,942	0	5,086	10,576
Conventional	3,640	14,516	23,285	3,498	4,259	49,198
Kerosene-type Jet Fuel	2,504	3,559	10,295	630	6,299	23,287
Kerosene	492	1,057	1,465	175	117	3,306
Distillate Fuel Oil	10,507	14,602	27,042	3,580	10,056	65,787
15 ppm sulfur and under	3,520	10,063	14,898	2,226	7,127	37,834
Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)	2,907	2,131	5,907	655	690	12,290
Greater than 500 ppm sulfur	4,080	2,408	6,237	699	2,239	15,663
Residual Fuel Oil	2,840	3,856	11,133	768	7,062	25,659
Lubricants	1,273	659	11,308	0	1,825	15,065
Asphalt and Road Oil	2,867	10,270	5,854	3,334	3,365	25,690
Other Products ^c	22,234	28,523	92,117	5,780	36,706	185,360
Total	86,552	117,703	307,761	25,110	133,318	670,444

^a The difference in volume between the maximum safe fill capacity and tank bottoms.

^b Includes tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^c Includes ethane/ethylene, isobutane/isobutylene, pentanes plus, other hydrocarbons, hydrogen, unfinished oils, finished aviation gasoline, special naphthas, wax, petroleum coke, still gas, petrochemical feedstocks and miscellaneous products.

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

a

Table 9. Shell Storage Capacity at Operable Refineries by PAD District as of January 1, 2008
(Thousand Barrels)

Commodity	PAD Districts					United States
	I	II	III	IV	V	
Crude Oil	25,282	23,421	87,210	4,136	40,781	180,830
Liquefied Petroleum Gases	4,576	7,928	19,159	516	2,593	34,772
Propane/Propylene	1,910	3,623	4,376	185	200	10,294
Normal Butane/Butylene	2,666	4,305	14,783	331	2,393	24,478
Other Liquids	14,699	16,076	37,054	3,644	24,067	95,540
Oxygenates	440	133	625	88	50	1,336
Fuel Ethanol	358	133	53	88	50	682
ETBE	0	0	0	0	0	0
MTBE	82	0	551	0	0	633
Other Oxygenates ^b	0	0	21	0	0	21
Gasoline Blending Components	14,259	15,943	36,429	3,556	24,017	94,204
Petroleum Products	53,672	87,076	209,487	19,349	84,867	454,451
Finished Motor Gasoline	6,478	16,910	30,607	3,947	10,697	68,639
Reformulated	2,319	638	3,335	0	6,007	12,299
Conventional	4,159	16,272	27,272	3,947	4,690	56,340
Kerosene-type Jet Fuel	2,749	4,145	11,578	698	7,474	26,644
Kerosene	537	1,157	1,750	188	136	3,768
Distillate Fuel Oil	11,374	16,016	30,181	3,842	11,111	72,524
15 ppm sulfur and under	3,802	11,144	16,688	2,385	7,911	41,930
Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)	3,143	2,236	6,560	717	730	13,386
Greater than 500 ppm sulfur	4,429	2,636	6,933	740	2,470	17,208
Residual Fuel Oil	3,153	4,316	13,021	842	7,910	29,242
Lubricants	1,375	757	12,113	0	1,910	16,155
Asphalt and Road Oil	3,071	11,412	6,530	3,599	3,722	28,334
Other Products ^c	24,935	32,363	103,707	6,233	41,907	209,145
Total	98,229	134,501	352,910	27,645	152,308	765,593

^a The design capacity of the tank.

^b Includes tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

^c Includes ethane/ethylene, isobutane/isobutylene, pentanes plus, other hydrocarbons, hydrogen, unfinished oils, finished aviation gasoline, special naphthas, wax, petroleum coke, still gas, petrochemical feedstocks and miscellaneous products.

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

Table 10. Capacity and Fresh Feed Input to Selected Downstream Units at U.S. Refineries, 2006 - 2008
(Barrels per Calendar Day)

Year/PAD District	Cokers		Catalytic Crackers		Hydrocrackers	
	Capacity	Inputs	Capacity	Inputs	Capacity	Inputs
2006	2,330,100	2,084,959	5,799,582	5,232,532	1,474,986	1,268,088
PADD I	90,400	80,293	696,800	610,652	41,500	31,011
PADD II	376,594	304,562	1,184,373	1,066,427	153,986	191,211
PADD III	1,254,726	1,173,321	2,910,833	2,615,471	705,090	518,775
PADD IV	44,500	42,647	180,526	161,408	16,000	15,205
PADD V	563,880	484,137	827,050	778,573	558,410	511,885
2007	2,359,318	2,026,808	5,830,486	5,247,967	1,620,705	1,281,529
PADD I	92,500	87,740	703,300	647,162	41,500	34,348
PADD II	378,806	303,677	1,170,138	1,027,222	294,271	253,918
PADD III	1,274,006	1,147,967	2,932,238	2,679,340	694,976	503,526
PADD IV	44,800	38,375	185,105	162,123	16,000	13,992
PADD V	569,206	449,049	839,705	732,121	573,958	475,745
2008	2,390,223	NA	5,853,656	NA	1,602,431	NA
PADD I	91,575	NA	724,300	NA	41,500	NA
PADD II	386,304	NA	1,176,536	NA	247,071	NA
PADD III	1,281,539	NA	2,922,605	NA	723,385	NA
PADD IV	63,150	NA	188,815	NA	16,000	NA
PADD V	567,655	NA	841,400	NA	574,475	NA

NA = Not Available.

Note: Capacities are as of January 1 of the indicated year.

Sources: Capacities are from the Energy Information Administration (EIA) Form EIA-820, "Annual Refinery Report."

Inputs are from the form EIA-810, "Monthly Refinery Report." Year 2006 data is final, 2007 is preliminary.

Table 11. Refinery Receipts of Crude Oil by Method of Transportation by PAD District, 2007

(Thousand Barrels)

Method	PAD Districts					United States
	I	II	III	IV	V	
Pipeline						
Domestic	2,378	640,632	657,279	85,353	267,274	1,652,916
Foreign	21,044	526,515	394,173	90,543	47,671	1,079,946
Tanker						
Domestic	0	0	6,147	0	250,661	256,808
Foreign	446,584	0	1,522,897	0	340,441	2,309,922
Barge						
Domestic	3,245	88	37,863	0	428	41,624
Foreign	72,004	0	24,552	0	28,291	124,847
Tank Cars						
Domestic	1,402	0	1,196	0	1,384	3,982
Foreign	0	0	0	0	0	0
Trucks						
Domestic	3,665	6,383	21,381	21,455	12,885	65,769
Foreign	0	0	0	0	0	0
Total						
Domestic	10,690	647,103	723,866	106,808	532,632	2,021,099
Foreign	539,632	526,515	1,941,622	90,543	416,403	3,514,715

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

Table 12. Fuel Consumed at Refineries by PAD District, 2007
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					United States
	I	II	III	IV	V	
Crude Oil	0	0	0	0	0	0
Liquefied Petroleum Gases	185	842	208	13	1,415	2,663
Distillate Fuel Oil	22	47	115	0	236	420
Residual Fuel Oil	826	189	3	83	743	1,844
Still Gas	22,890	49,429	120,930	8,304	45,553	247,106
Marketable Petroleum Coke	0	0	58	473	117	648
Catalyst Petroleum Coke	11,973	15,701	42,690	2,599	14,404	87,367
Natural Gas (million cubic feet)	28,709	120,047	363,004	22,513	133,713	667,986
Coal (thousand short tons)	32	7	0	0	0	39
Purchased Electricity (million kWh)	3,984	10,555	20,433	1,744	5,113	41,829
Purchased Steam (million pounds)	5,784	10,738	63,471	1,191	17,838	99,022
Other Products ^a	21	395	1,510	62	1,716	3,704

Note: Includes volumes used as fuel at refineries and all nonprocessing losses of crude oil and petroleum products (e.g., spills, fire losses, contamination, etc.)

^a Includes pentanes plus, other hydrocarbons, oxygenates, hydrogen, unfinished oils, gasoline, special naphthas, jet fuel, lubricants, asphalt and road oil, and miscellaneous products.

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report," and EIA-810, "Monthly Refinery Report."

Table 13. Shutdown and Reactivated Refineries During 2007

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd) ^a	Total Downstream Charge Capacity (bbl/sd) ^b	Date Operable	Date of Last Operation	Date Shutdown
REACTIVATED						
PAD District II		12,000				
Ventura Refining & Transmission LLC	Thomas, OK	12,000		05/07		
^c OTHER						
PAD District III		0	0			
Equistar Chemicals LP	Channelview, TX	0	0	02/57		
SHUTDOWN						
PAD District III		16,700	15,400			
Gulf Atlantic Operations LLC	Mobile, AL	16,700	15,400	03/78	03/06	09/07
Total U.S. Shutdowns		16,700	15,400			

^a bbl/cd=Barrels per calendar day.

^b bbl/sd=Barrels per stream day.

^c Equistar Chemicals LP is a wholly owned subsidiary of Access Industries (formerly Lyondell Chemical Company). The Channelview, TX plant does not have any atmospheric crude oil distillation capacity or downstream charge capacity but is included in the total refinery counts on Table 1. The production capacity of the alkylation plant is included on Tables 2, 4, and 7.

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and Form EIA-820, "Annual Refinery Report."

Table 14. Refinery Sales During 2007

Former Corporation/Refiner	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	New Corporation/Refiner	Date of Sale
Giant Industries Inc. Bloomfield, NM Gallup, NM Yorktown, VA	16,800 20,800 63,650	Western Refining Inc.	5/07
Lyondell Chemical Co/Houston Refining LP Houston, TX	270,600	Access Industries	12/07
Royal Dutch/Shell Group Wilmington, CA	97,000	Tesoro Corp	5/07
Somerset Oil Co Somerset, KY	5,500	USA Energy Corp	4/07
Valero Energy Corp Lima, OH	146,200	Husky Energy Inc	7/07

Notes:

BP PLC has sold a half interest in its Toledo refinery to Husky Energy Inc effective April 1, 2008
 Citgo sold both the Savannah, GA and Paulsboro, NJ asphalt refineries to NuStar Energy L.P. effective March 20, 2008.
 bbl/cd = Barrels per calendar day as of January 1, 2008

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and Form EIA-820, "Annual Refinery Report."

Table 15. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2007

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District I		73,150			
GNC Energy Corp	Greensboro, NC	3,000	0	a	
Primary Energy Corp	Richmond, VA	6,100	0	a	
Saint Mary's Refining Co	Saint Mary's, WV	4,000	4,480	02/93	03/93
Cibro Refining	Albany, NY	41,850	27,000	07/93	09/93
Calumet Lubricants Co LP	Rouseville, PA	12,800	26,820	03/00	06/00
Young Refining Corp.	Douglasville, GA	5,400	0	07/04	07/04
PAD District II		470,815			
Coastal Refining & Mktg	El Dorado, KS	0	20,000	b	
Intercoastal Energy Svcs Corp	Troy, IN	1,250	2,250	11/90	03/91
Farmland Industries	Philipsburg, KS	26,400	22,800	12/91	07/92
Coastal Refining & Mktg	Wichita, KS	28,800	41,300	05/93	06/93
Coastal Refining & Mktg	Augusta, KS	0	21,000	06/93	06/93
Crystal Refining	Carson City, MI	3,000	0	10/92	09/93
Marathon	Indianapolis, IN	50,000	68,000	09/93	10/93
Indian Refining	Lawrenceville, IL	80,750	103,000	09/95	10/95
Cyril Petrochemical Corp	Cyril, OK	7,500	0	09/95	12/95
Laketon Refining	Laketon, IN	11,100	0	06/95	01/96
Barrett Refining Corp	Custer, OK	10,500	0	01/96	01/96
Total Petroleum, Inc.	Arkansas City, KS	56,000	74,840	08/96	09/96
TPI Petro Inc.	Alma, MI	51,000	63,300	11/99	12/99
Premcor Refining Group	Blue Island, IL	80,515	124,500	01/01	04/01
Premcor Refining Group	Hartford, IL	64,000	116,700	09/02	10/02

Table 15. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2007

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bb/cd)	Total Downstream Charge Capacity (bb/sd)	Date of Last Operation	Date Shutdown
PAD District III		286,880			
Imron Refining, Inc.	San Leon, TX	7,000	0	c	08/90
Eagle Refining	Jackson, TX	1,800	1,800	01/90	10/90
Vulcan Refining	Cordova, AL	9,500	5,000	09/90	12/90
Sabine Resources	Stonewall, LA	12,000	0	c	02/92
Rattlesnake Refining	Wickett, TX	8,000	10,400	02/92	03/92
Texas United Refining Corp	Nixon, TX	20,900	16,500	04/92	06/92
Longview Refining Assoc	Longview, TX	13,300	13,800	08/92	09/92
Thriftway Co	Bloomfield, NM	4,000	3,250	01/92	10/92
El Paso Refining	El Paso, TX	50,000	76,000	10/92	12/92
Dubach Gas	Dubach, LA	8,500	3,000	12/93	12/93
Amerada Hess	Purvis, MS	30,000	50,500	01/94	02/94
Barrett Refg Corp	Vicksburg, MS	8,000	0	06/95	01/96
Arcadia Refining & Mktg	Lisbon, LA	7,350	6,700	01/96	02/96
Canal Refg Co.	Chuch Point, LA	9,500	2,100	07/95	09/97
Gold Line Refining LTD	Jennings, LA	12,000	0	07/97	01/98
Petrolite Corp	Kilgore, TX	600	750	12/97	02/98
Pride Refining Inc.	Abilene, TX	42,750	40,500	05/98	04/98
Shell Oil Co	Odessa, TX	28,300	33,500	10/98	11/98
Berry Petroleum Co.	Stephens, AR	6,700	3,700	07/99	02/00
Dow Haltermann Products	Channelview, TX	880	0	09/04	12/05
Hunt Southland Refining Co	Lumberton, MS	5,800	0	03/05	12/06
PAD District IV		58,000			
Amoco Oil Co.	Casper, WY	40,000	44,900	12/91	12/91
Landmark Refining	Fruita, CO	10,000	25,900	01/92	11/93
Pennzoil Producing Co.	Roosevelt, UT	8,000	12,900	09/94	10/94

Table 15. Refineries Permanently Shutdown By PAD District Between January 1, 1990 and January 1, 2007

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd)	Total Downstream Charge Capacity (bbl/sd)	Date of Last Operation	Date Shutdown
PAD District V		309,125			
Gibson Oil & Refining	Bakersfield, CA	9,600	0	07/87	12/90
Chevron USA Inc	Kenai, AK	22,000	0	06/91	07/91
Anchor Refining Co.	McKittrick, CA	10,000	6,000	06/91	08/91
Golden West	Santa Fe Springs, CA	47,000	94,300	02/92	03/92
Eco Asphalt Inc.	Long Beach, CA	10,550	7,000	c	10/92
Fletcher Oil & Refining	Carson, CA	29,675	48,100	09/92	10/92
Sunbelt Refining	Coolidge, AZ	10,000	7,000	08/93	09/93
Chemoil Refining Corp	Long Beach, CA	18,000	0	02/94	04/94
Powerine Oil Co.	Santa Fe Springs, CA	46,500	100,300	06/95	09/95
Sunland Refining Corp.	Bakersfield, CA	12,000	2,650	03/95	12/95
Intermountain Refining Co.	Fredonia, AZ	3,800	2,000	01/94	05/96
Pacific Refining Co.	Hercules, CA	50,000	62,400	07/95	09/97
Sound Refining Inc	Tacoma, WA	40,000	45,200	10/98	12/98
Chevron USA Inc.	Richmond Beach, WA	0	6,200	05/00	06/00
Foreland Refining Corp.	Tonopah, NV	0	3,000	02/01	01/02
Tricor Refining LLC	Bakersfield, CA	0	14,400	07/01	01/02
U.S. Total		1,197,970			
PAD District VI		126,400			
Arochem International	Ponce, PR	75,600	37,000	12/91	12/92
Peerless Oil & Chemical	Ponce, PR	8,800	45,200	09/94	12/94
Chevron Phillips Chem	Guayama, PR	0	93,200	03/01	01/02
Caribbean Petroleum Corp	San Juan, PR	42,000	60,500	12/00	01/05

a. Facility in operation as other than a refinery since it no longer processes crude oil or unfinished oils.

b. Facility maintained asphalt production capacity until September, 2004.

c. Never Operated

bbl/cd=Barrels per calendar day

bbl/sd=Barrels per stream day.

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and Form EIA-820, "Annual Refinery Report."