

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2007

| 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 | 1,717,575 | 1,657,575 | 60,000 | 1,810,200 | 1,743,200 | 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 | 817,500 | 817,500 | 0 |
| Virginia..... | 1 | 1 | 0 | 59,375 | 59,375 | 0 | 62,500 | 62,500 | 0 |
| West Virginia..... | 1 | 1 | 0 | 20,000 | 20,000 | 0 | 22,000 | 22,000 | 0 |
| PAD District II..... | 26 | 25 | 1 | 3,587,220 | 3,581,720 | 5,500 | 3,819,260 | 3,812,960 | 6,300 |
| Illinois..... | 4 | 4 | 0 | 903,600 | 903,600 | 0 | 954,000 | 954,000 | 0 |
| Indiana..... | 2 | 2 | 0 | 433,000 | 433,000 | 0 | 444,000 | 444,000 | 0 |
| Kansas..... | 3 | 3 | 0 | 300,700 | 300,700 | 0 | 312,000 | 312,000 | 0 |
| Kentucky..... | 2 | 1 | 1 | 227,500 | 222,000 | 5,500 | 245,300 | 239,000 | 6,300 |
| Michigan..... | 1 | 1 | 0 | 100,000 | 100,000 | 0 | 105,000 | 105,000 | 0 |
| Minnesota..... | 2 | 2 | 0 | 349,300 | 349,300 | 0 | 375,000 | 375,000 | 0 |
| North Dakota..... | 1 | 1 | 0 | 58,000 | 58,000 | 0 | 60,000 | 60,000 | 0 |
| Ohio..... | 4 | 4 | 0 | 510,120 | 510,120 | 0 | 579,000 | 579,000 | 0 |
| Oklahoma..... | 5 | 5 | 0 | 490,700 | 490,700 | 0 | 527,960 | 527,960 | 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 | 55 | 1 | 8,354,809 | 7,989,609 | 365,200 | 8,818,462 | 8,411,462 | 407,000 |
| Alabama..... | 4 | 3 | 1 | 135,300 | 118,600 | 16,700 | 156,000 | 134,000 | 22,000 |
| Arkansas..... | 2 | 2 | 0 | 77,200 | 77,200 | 0 | 79,600 | 79,600 | 0 |
| Louisiana..... | 19 | 19 | 0 | 2,971,183 | 2,971,183 | 0 | 3,131,855 | 3,131,855 | 0 |
| Mississippi..... | 3 | 3 | 0 | 364,000 | 364,000 | 0 | 396,800 | 396,800 | 0 |
| New Mexico..... | 3 | 3 | 0 | 121,600 | 121,600 | 0 | 124,107 | 124,107 | 0 |
| Texas..... | 25 | 25 | 0 | 4,685,526 | 4,337,026 | 348,500 | 4,930,100 | 4,545,100 | 385,000 |
| PAD District IV..... | 16 | 16 | 0 | 598,350 | 598,350 | 0 | 639,600 | 639,600 | 0 |
| Colorado..... | 2 | 2 | 0 | 94,000 | 94,000 | 0 | 104,000 | 104,000 | 0 |
| Montana..... | 4 | 4 | 0 | 182,500 | 182,500 | 0 | 193,200 | 193,200 | 0 |
| Utah..... | 5 | 5 | 0 | 167,350 | 167,350 | 0 | 176,000 | 176,000 | 0 |
| Wyoming..... | 5 | 5 | 0 | 154,500 | 154,500 | 0 | 166,400 | 166,400 | 0 |
| PAD District V..... | 36 | 36 | 0 | 3,185,538 | 3,170,538 | 15,000 | 3,337,800 | 3,321,300 | 16,500 |
| Alaska..... | 6 | 6 | 0 | 375,000 | 375,000 | 0 | 405,200 | 405,200 | 0 |
| California..... | 21 | 21 | 0 | 2,037,188 | 2,022,188 | 15,000 | 2,131,300 | 2,114,800 | 16,500 |
| 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 | 623,850 | 623,850 | 0 | 644,300 | 644,300 | 0 |
| U.S. Total..... | 149 | 145 | 4 | 17,443,492 | 16,997,792 | 445,700 | 18,425,322 | 17,928,522 | 496,800 |
| 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 |

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

Table 1. Number and Capacity of Operable Petroleum Refineries by PAD District and State as of January 1, 2007

| PAD District and State | Downstream Charge Capacity (Barrels per Stream Day) | | | | | | | |
|------------------------------|---|------------------|--------------------|---------------|--------------------------|---------------------|-------------------------------|----------------------------|
| | Vacuum Distillation | Thermal Cracking | Catalytic Cracking | | Catalytic Hydro-Cracking | Catalytic Reforming | Hydrotreating/Desulfurization | Fuels Solvent Deasphalting |
| | | | Fresh | Recycle | | | | |
| PAD District I..... | 709,700 | 99,000 | 742,700 | 7,000 | 44,300 | 323,100 | 1,364,020 | 22,000 |
| Delaware..... | 102,600 | 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 | 322,000 | 0 | 0 | 92,000 | 542,500 | 22,000 |
| Pennsylvania..... | 267,200 | 0 | 309,500 | 1,000 | 22,000 | 171,800 | 608,560 | 0 |
| Virginia..... | 37,300 | 19,000 | 28,200 | 2,000 | 0 | 12,100 | 42,860 | 0 |
| West Virginia..... | 8,600 | 0 | 0 | 0 | 0 | 3,400 | 18,600 | 0 |
| PAD District II..... | 1,566,320 | 414,560 | 1,285,556 | 13,550 | 332,500 | 952,340 | 3,252,476 | 17,350 |
| Illinois..... | 397,100 | 150,500 | 315,000 | 3,000 | 69,000 | 256,900 | 789,950 | 0 |
| Indiana..... | 255,000 | 36,000 | 173,200 | 4,200 | 0 | 96,500 | 386,000 | 0 |
| Kansas..... | 123,800 | 61,600 | 98,300 | 500 | 35,000 | 95,000 | 304,200 | 0 |
| Kentucky..... | 120,500 | 0 | 102,000 | 0 | 0 | 52,000 | 270,700 | 12,500 |
| Michigan..... | 51,000 | 0 | 31,000 | 0 | 0 | 19,000 | 100,800 | 0 |
| Minnesota..... | 248,000 | 70,800 | 113,000 | 0 | 98,500 | 71,800 | 319,800 | 0 |
| North Dakota..... | 0 | 0 | 27,000 | 3,600 | 0 | 12,100 | 31,900 | 0 |
| Ohio..... | 153,500 | 57,000 | 200,000 | 0 | 102,000 | 165,000 | 407,200 | 0 |
| Oklahoma..... | 196,920 | 38,660 | 145,056 | 2,250 | 28,000 | 140,040 | 452,226 | 4,850 |
| Tennessee..... | 0 | 0 | 70,000 | 0 | 0 | 36,000 | 160,000 | 0 |
| Wisconsin..... | 20,500 | 0 | 11,000 | 0 | 0 | 8,000 | 29,700 | 0 |
| PAD District III..... | 4,082,875 | 1,382,380 | 3,109,645 | 53,300 | 780,682 | 1,885,990 | 7,993,240 | 238,900 |
| Alabama..... | 61,400 | 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..... | 1,438,400 | 499,550 | 1,140,480 | 20,500 | 244,182 | 570,800 | 2,506,350 | 59,000 |
| Mississippi..... | 338,875 | 105,000 | 80,000 | 0 | 74,000 | 96,000 | 284,300 | 0 |
| New Mexico..... | 24,600 | 0 | 41,500 | 3,500 | 0 | 35,800 | 117,300 | 0 |
| Texas..... | 2,187,600 | 763,230 | 1,827,765 | 29,300 | 462,500 | 1,138,790 | 4,907,990 | 172,500 |
| PAD District IV..... | 234,100 | 49,240 | 198,656 | 4,190 | 17,600 | 128,380 | 508,300 | 5,040 |
| Colorado..... | 33,500 | 0 | 30,000 | 500 | 0 | 20,500 | 78,100 | 0 |
| Montana..... | 98,700 | 30,740 | 61,450 | 990 | 6,100 | 39,080 | 193,550 | 0 |
| Utah..... | 37,500 | 8,500 | 57,400 | 2,200 | 0 | 37,200 | 118,600 | 5,040 |
| Wyoming..... | 64,400 | 10,000 | 49,806 | 500 | 11,500 | 31,600 | 118,050 | 0 |
| PAD District V..... | 1,658,456 | 618,900 | 882,400 | 4,000 | 615,600 | 617,700 | 2,329,100 | 96,000 |
| Alaska..... | 26,900 | 0 | 0 | 0 | 12,500 | 12,000 | 22,000 | 0 |
| California..... | 1,258,756 | 518,200 | 723,100 | 1,000 | 524,100 | 447,100 | 1,883,200 | 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 | 137,300 | 3,000 | 61,000 | 145,600 | 407,400 | 30,000 |
| U.S. Total..... | 8,251,451 | 2,564,080 | 6,218,957 | 82,040 | 1,790,682 | 3,907,510 | 15,447,136 | 379,290 |
| Puerto Rico..... | 31,500 | 0 | 0 | 0 | 19,800 | 20,000 | 20,000 | 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, 2007.

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

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, 2007

(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 | 143,115 | 31,800 | 20,145 | 26,520 | 84 | 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 | 14,000 | 12,000 | 7,500 | 29 | 296 |
| Pennsylvania | 54,100 | 12,920 | 20,065 | 11,800 | 2,945 | 0 | 0 | 405 |
| Virginia | 4,200 | 0 | 0 | 0 | 0 | 5,400 | 14 | 60 |
| West Virginia | 0 | 0 | 550 | 0 | 5,200 | 0 | 1 | 1 |
| PAD District II | 274,350 | 57,900 | 305,916 | 174,900 | 17,900 | 120,320 | 491 | 5,829 |
| Illinois | 82,400 | 13,500 | 67,000 | 15,000 | 0 | 48,500 | 114 | 1,789 |
| Indiana | 37,700 | 17,000 | 65,700 | 28,200 | 0 | 13,400 | 31 | 559 |
| Kansas | 30,800 | 2,200 | 4,000 | 27,150 | 0 | 14,170 | 69 | 657 |
| Kentucky | 20,000 | 7,000 | 23,000 | 15,250 | 8,800 | 0 | 0 | 448 |
| Michigan | 4,900 | 0 | 23,000 | 0 | 0 | 0 | 0 | 146 |
| Minnesota | 18,000 | 0 | 58,000 | 37,700 | 0 | 22,000 | 125 | 1,121 |
| North Dakota | 4,400 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Ohio | 28,450 | 18,200 | 22,500 | 23,800 | 0 | 14,000 | 91 | 635 |
| Oklahoma | 34,100 | 0 | 35,216 | 23,800 | 9,100 | 8,250 | 61 | 307 |
| 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 | 580,850 | 223,000 | 237,025 | 346,412 | 162,912 | 409,111 | 1,164 | 19,865 |
| Alabama | 0 | 0 | 28,200 | 3,200 | 0 | 2,500 | 6 | 115 |
| Arkansas | 5,000 | 0 | 16,100 | 6,600 | 5,000 | 0 | 3 | 157 |
| Louisiana | 212,400 | 39,700 | 65,800 | 121,720 | 67,417 | 138,355 | 271 | 5,571 |
| Mississippi | 18,600 | 21,000 | 36,125 | 0 | 11,400 | 35,500 | 238 | 1,324 |
| New Mexico | 10,900 | 0 | 6,700 | 13,959 | 0 | 0 | 10 | 161 |
| Texas | 333,950 | 162,300 | 84,100 | 200,933 | 79,095 | 232,756 | 636 | 12,537 |
| PAD District IV | 43,670 | 0 | 73,750 | 15,809 | 0 | 13,725 | 143 | 708 |
| Colorado | 0 | 0 | 12,250 | 985 | 0 | 0 | 22 | 116 |
| Montana | 17,150 | 0 | 35,100 | 5,900 | 0 | 7,125 | 89 | 376 |
| Utah | 16,300 | 0 | 3,300 | 7,900 | 0 | 1,900 | 0 | 59 |
| Wyoming | 10,220 | 0 | 23,100 | 1,024 | 0 | 4,700 | 32 | 157 |
| PAD District V | 217,826 | 2,850 | 116,933 | 169,850 | 32,800 | 152,625 | 1,218 | 5,261 |
| Alaska | 0 | 1,350 | 4,000 | 4,200 | 0 | 0 | 13 | 20 |
| California | 179,026 | 1,500 | 71,433 | 145,450 | 32,800 | 127,975 | 1,064 | 4,539 |
| Hawaii | 5,000 | 0 | 16,000 | 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 | 17,000 | 0 | 24,650 | 120 | 668 |
| U.S. Total | 1,226,925 | 305,870 | 876,739 | 738,771 | 233,757 | 722,301 | 3,100 | 33,021 |
| 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 Little America Refining Co..... | WY |
| Alon USA Energy Inc..... | | TX Lunday Thagard Co..... | CA |
| American Refining Group Inc..... | | PA Marathon Petroleum Co LLC..... | IL, KY, LA, MI, MN, OH, TX |
| BP Exploration Alaska Inc..... | | AK Montana Refining Co..... | MT |
| BP Products North America Inc..... | IN, OH, TX | Motiva Enterprises LLC..... | LA, TX |
| BP West Coast Products LLC..... | CA, WA | Murphy Oil USA Inc..... | LA, WI |
| Big West Of California..... | CA | NCRA..... | KS |
| Big West Oil Co..... | UT | Navajo Refining Co..... | NM |
| Calcasieu Refining Co..... | LA | PDV Midwest Refining LLC..... | IL |
| Calumet Lubricants Co LP..... | LA | Paramount Petroleum Corporation..... | CA, OR |
| Calumet Shreveport LLC..... | LA | Pasadena Refining Systems Inc..... | TX |
| Cenex Harvest States Coop..... | MT | Pelican Refining Company LLC..... | LA |
| Chalmette Refining LLC..... | LA | Petro Star Inc..... | AK |
| Chevron USA Inc..... | CA, HI, MS, NJ, UT | Placid Refining Co..... | LA |
| Citgo Asphalt Refining Co..... | GA, NJ | Premcor Refining Group Inc..... | DE, OH, TN, TX |
| Citgo Petroleum Corp..... | LA | San Joaquin Refining Co Inc..... | CA |
| Citgo Refining & Chemical Inc..... | TX | Shell Chem LP..... | AL, LA |
| Coffeyville Resources LLC..... | KS | Shell Chem Yabucoa Inc..... | PR |
| ConocoPhillips Alaska Inc..... | AK | Shell Oil Products US..... | CA, WA |
| ConocoPhillips Company..... | CA, LA, MT, NJ, OK, PA, TX, WA | Silver Eagle Refining..... | UT, WY |
| Countrymark Cooperative Inc..... | IN | Sinclair Oil Corp..... | OK, WY |
| Cross Oil Refining & Marketing Inc..... | AR | Somerset Refinery Inc..... | KY |
| Deer Park Refining LTD Partnership.... | TX | South Hampton Resources Inc..... | TX |
| Delek Refining LTD..... | TX | Suncor Energy (USA) Inc..... | CO |
| Edgington Oil Co Inc..... | CA | Sunoco Inc..... | NJ, OH, OK, PA |
| Ergon Refining Inc..... | MS | Sunoco Inc (R&M)..... | PA |
| Ergon West Virginia Inc..... | WV | Tenby Inc..... | CA |
| Excel Paralubes..... | LA | Tesoro Alaska Petroleum Co..... | AK |
| ExxonMobil Refining & Supply Co..... | CA, IL, LA, MT, TX | Tesoro Hawaii Corp..... | HI |
| Flint Hills Resources Alaska LLC..... | AK | Tesoro Refining & Marketing Co..... | CA |
| Flint Hills Resources LP..... | MN, TX | Tesoro West Coast..... | ND, UT, WA |
| Foreland Refining Corp..... | NV | Total Petrochemicals Inc..... | TX |
| Frontier El Dorado Refining Co..... | KS | Trigeant LTD..... | TX |
| Frontier Refining Inc..... | WY | US Oil & Refining Co..... | WA |
| Giant Industries Inc..... | NM | Ultramar Inc..... | CA |
| Giant Refining Co..... | NM | United Refining Co..... | PA |
| Giant Yorktown Refining..... | VA | Valero Energy Corporation..... | TX |
| Goodway Refining LLC..... | AL | Valero Refining Co California..... | CA |
| Greka Energy..... | CA | Valero Refining Co Louisiana..... | LA |
| Gulf Atlantic Operations LLC..... | AL | Valero Refining Co New Jersey..... | NJ |
| Hess Corporation..... | NJ | Valero Refining Co Oklahoma..... | OK |
| Holly Corp Refining & Marketing..... | UT | Valero Refining Co Texas..... | TX |
| Houston Refining LP..... | TX | Valero Refining New Orleans LLC..... | LA |
| Hovensa LLC..... | VI | WRB Refining LLC..... | IL, TX |
| Hunt Refining Co..... | AL | Western Refining Company LP..... | TX |
| Hunt Southland Refining Co..... | MS | Wynnewood Refining Co..... | OK |
| Kern Oil & Refining Co..... | CA | Wyoming Refining Co..... | WY |
| Lion Oil Co..... | AR | | |

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

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | Downstream Charge Capacity | | | | |
|------------------------------------|------------------------------------|---------------|------------------------|---------------|----------------------------|------------------|----------------|--------------|---------------|
| | Barrels per Calendar Day | | Barrels per Stream Day | | Vacuum Distillation | Thermal Cracking | | | |
| | Operating | Idle | Operating | Idle | | Delayed Coking | Fluid Coking | Visbreaking | Other/Gas Oil |
| Alabama | 118,600 | 16,700 | 134,000 | 22,000 | 61,400 | 14,600 | 0 | 0 | 0 |
| Goodway Refining LLC | | | | | | | | | |
| Atmore..... | 4,100 | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulf Atlantic Operations LLC | | | | | | | | | |
| Mobile..... | 0 | 16,700 | 0 | 22,000 | 15,400 | 0 | 0 | 0 | 0 |
| Hunt Refining Co | | | | | | | | | |
| Tuscaloosa..... | 34,500 | 0 | 38,000 | 0 | 16,000 | 14,600 | 0 | 0 | 0 |
| Shell Chem LP | | | | | | | | | |
| Saraland..... | 80,000 | 0 | 91,000 | 0 | 30,000 | 0 | 0 | 0 | 0 |
| Alaska | 375,000 | 0 | 405,200 | 0 | 26,900 | 0 | 0 | 0 | 0 |
| BP Exploration Alaska Inc | | | | | | | | | |
| Prudhoe Bay..... | 12,500 | 0 | 14,200 | 0 | 0 | 0 | 0 | 0 | 0 |
| ConocoPhillips Alaska Inc | | | | | | | | | |
| Kuparuk..... | 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 | 18,500 | 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 | 77,200 | 0 | 79,600 | 0 | 32,000 | 0 | 0 | 0 | 0 |
| Cross Oil Refining & Marketing Inc | | | | | | | | | |
| Smackover..... | 7,200 | 0 | 7,600 | 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 | 2,022,188 | 15,000 | 2,114,800 | 16,500 | 1,258,756 | 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..... | 18,000 | 15,000 | 19,800 | 16,500 | 15,000 | 0 | 0 | 0 | 0 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Torrance..... | 149,500 | 0 | 155,800 | 0 | 102,300 | 54,600 | 0 | 0 | 0 |

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(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|------------------------------------|----------------------------|--------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Alabama..... | 0 | 0 | 0 | 0 | 0 | 7,800 | 22,000 | 0 |
| Goodway Refining LLC | | | | | | | | |
| Atmore..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulf Atlantic Operations LLC | | | | | | | | |
| Mobile..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hunt Refining Co | | | | | | | | |
| Tuscaloosa..... | 0 | 0 | 0 | 0 | 0 | 7,800 | 0 | 0 |
| Shell Chem LP | | | | | | | | |
| Saraland..... | 0 | 0 | 0 | 0 | 0 | 0 | 22,000 | 0 |
| Alaska..... | 0 | 0 | 0 | 12,500 | 0 | 12,000 | 0 | 0 |
| BP Exploration Alaska Inc | | | | | | | | |
| Prudhoe Bay..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ConocoPhillips Alaska Inc | | | | | | | | |
| Kuparuk..... | 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 | 12,500 | 0 | 12,000 | 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 | 212,400 | 246,700 | 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 | 96,400 | 65,000 | 71,300 | 0 | 66,000 |
| ConocoPhillips Company | | | | | | | | |
| Arroyo Grande..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rodeo..... | 0 | 0 | 0 | 41,000 | 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 | 22,200 | 0 | 0 | 0 | 20,000 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 |
| Gulf Atlantic Operations LLC | | | | | | | | |
| Mobile..... | 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 Chem LP | | | | | | | | |
| Saraland..... | 22,000 | 0 | 0 | 8,000 | 0 | 0 | 22,000 | 0 |
| Alaska | 12,000 | 0 | 0 | 10,000 | 0 | 0 | 0 | 0 |
| BP Exploration Alaska Inc | | | | | | | | |
| Prudhoe Bay..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ConocoPhillips Alaska Inc | | | | | | | | |
| Kuparuk..... | 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..... | 12,000 | 0 | 0 | 10,000 | 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 | 463,300 | 146,100 | 167,300 | 345,300 | 84,000 | 0 | 623,000 | 54,200 |
| 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 | 90,000 | 0 |
| Chevron USA Inc | | | | | | | | |
| El Segundo..... | 77,500 | 0 | 18,000 | 40,000 | 14,000 | 0 | 72,000 | 0 |
| Richmond..... | 57,600 | 0 | 96,000 | 64,800 | 0 | 0 | 0 | 27,000 |
| 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 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 |
| California..... | 2,022,188 | 15,000 | 2,114,800 | 16,500 | 1,258,756 | 413,200 | 100,000 | 5,000 | 0 |
| Greka Energy Santa Maria..... | 9,500 | 0 | 10,000 | 0 | 10,000 | 0 | 0 | 0 | 0 |
| Kern Oil & Refining Co Bakersfield..... | 26,000 | 0 | 27,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lunday Thagard Co South Gate..... | 8,500 | 0 | 10,000 | 0 | 7,000 | 0 | 0 | 0 | 0 |
| Paramount Petroleum Corporation Paramount..... | 50,000 | 0 | 53,000 | 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 | 101,000 | 27,500 | 22,500 | 0 | 0 |
| Wilmington..... | 97,000 | 0 | 103,500 | 0 | 65,000 | 40,000 | 0 | 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 |
| Ultramar Inc Wilmington..... | 80,887 | 0 | 81,000 | 0 | 45,000 | 29,000 | 0 | 0 | 0 |
| Valero Refining Co California Benicia..... | 144,000 | 0 | 153,000 | 0 | 89,500 | 0 | 29,500 | 0 | 0 |
| Wilmington..... | 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..... | 62,000 | 0 | 68,000 | 0 | 25,000 | 0 | 0 | 0 | 0 |
| Denver..... | 32,000 | 0 | 36,000 | 0 | 8,500 | 0 | 0 | 0 | 0 |
| Delaware..... | 182,200 | 0 | 190,200 | 0 | 102,600 | 0 | 53,000 | 0 | 0 |
| Premcor Refining Group Inc Delaware City..... | 182,200 | 0 | 190,200 | 0 | 102,600 | 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 Kapolei..... | 93,500 | 0 | 95,000 | 0 | 40,000 | 0 | 0 | 11,000 | 0 |
| Illinois..... | 903,600 | 0 | 954,000 | 0 | 397,100 | 150,500 | 0 | 0 | 0 |
| ExxonMobil Refining & Supply Co Joliet..... | 238,600 | 0 | 248,500 | 0 | 126,700 | 59,100 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Robinson..... | 192,000 | 0 | 213,000 | 0 | 65,200 | 29,400 | 0 | 0 | 0 |
| PDV Midwest Refining LLC Lemont (Chicago)..... | 167,000 | 0 | 170,500 | 0 | 75,000 | 44,000 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|---|----------------------------|--------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| California..... | 723,100 | 1,000 | 212,400 | 246,700 | 65,000 | 216,600 | 230,500 | 66,000 |
| Greka Energy Santa Maria..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern Oil & Refining Co Bakersfield..... | 0 | 0 | 0 | 0 | 0 | 0 | 3,300 | 0 |
| Lunday Thagard 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..... | 73,000 | 0 | 42,000 | 0 | 0 | 31,000 | 0 | 0 |
| Wilmington..... | 34,000 | 0 | 10,000 | 22,000 | 0 | 0 | 31,500 | 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 |
| Ultramar Inc Wilmington..... | 54,000 | 0 | 0 | 0 | 0 | 17,000 | 0 | 0 |
| Valero Refining Co California Benicia..... | 75,300 | 0 | 36,700 | 0 | 0 | 0 | 37,200 | 0 |
| Wilmington..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado..... | 30,000 | 500 | 0 | 0 | 0 | 20,500 | 0 | 0 |
| Suncor Energy (USA) Inc Commerce City..... | 20,500 | 0 | 0 | 0 | 0 | 10,500 | 0 | 0 |
| Denver..... | 9,500 | 500 | 0 | 0 | 0 | 10,000 | 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 Kapolei..... | 0 | 0 | 18,000 | 0 | 0 | 13,000 | 0 | 0 |
| Illinois..... | 315,000 | 3,000 | 0 | 69,000 | 0 | 207,000 | 49,900 | 0 |
| ExxonMobil Refining & Supply Co Joliet..... | 98,000 | 0 | 0 | 0 | 0 | 52,200 | 0 | 0 |
| Marathon Petroleum Co LLC Robinson..... | 49,000 | 0 | 0 | 28,000 | 0 | 76,000 | 0 | 0 |
| PDV Midwest Refining LLC Lemont (Chicago)..... | 67,000 | 3,000 | 0 | 0 | 0 | 0 | 32,200 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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..... | 463,300 | 146,100 | 167,300 | 345,300 | 84,000 | 0 | 623,000 | 54,200 |
| Greka Energy Santa Maria..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kern Oil & Refining Co Bakersfield..... | 5,000 | 0 | 0 | 0 | 9,000 | 0 | 0 | 0 |
| Lunday Thagard 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..... | 28,000 | 50,100 | 0 | 26,000 | 21,000 | 0 | 79,000 | 0 |
| Wilmington..... | 35,000 | 0 | 15,000 | 10,000 | 22,000 | 0 | 38,000 | 0 |
| Tenby Inc Oxnard..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tesoro Refining & Marketing Co Martinez..... | 27,000 | 38,900 | 0 | 36,000 | 15,000 | 0 | 69,500 | 5,500 |
| Ultramar Inc Wilmington..... | 32,000 | 0 | 0 | 32,000 | 0 | 0 | 62,000 | 0 |
| Valero Refining Co California Benicia..... | 29,900 | 47,100 | 15,400 | 12,500 | 0 | 0 | 39,000 | 21,700 |
| Wilmington..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado..... | 21,000 | 0 | 12,100 | 19,000 | 0 | 0 | 26,000 | 0 |
| Suncor Energy (USA) Inc Commerce City..... | 10,500 | 0 | 12,100 | 19,000 | 0 | 0 | 26,000 | 0 |
| Denver..... | 10,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delaware..... | 50,000 | 26,000 | 16,500 | 0 | 59,000 | 0 | 0 | 0 |
| Premcor Refining Group Inc Delaware City..... | 50,000 | 26,000 | 16,500 | 0 | 59,000 | 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 Kapolei..... | 13,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Illinois..... | 338,400 | 87,000 | 68,250 | 239,600 | 0 | 0 | 0 | 56,700 |
| ExxonMobil Refining & Supply Co Joliet..... | 110,400 | 0 | 0 | 85,100 | 0 | 0 | 0 | 56,700 |
| Marathon Petroleum Co LLC Robinson..... | 63,000 | 39,000 | 0 | 73,000 | 0 | 0 | 0 | 0 |
| PDV Midwest Refining LLC Lemont (Chicago)..... | 95,700 | 0 | 15,000 | 35,500 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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..... | 903,600 | 0 | 954,000 | 0 | 397,100 | 150,500 | 0 | 0 | 0 |
| WRB Refining LLC (Formerly ConocoPhillips Company) 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 |
| Countrymark Cooperative Inc Mount Vernon..... | 23,000 | 0 | 24,000 | 0 | 8,000 | 0 | 0 | 0 | 0 |
| Kansas..... | 300,700 | 0 | 312,000 | 0 | 123,800 | 61,600 | 0 | 0 | 0 |
| Coffeyville Resources LLC Coffeyville..... | 112,000 | 0 | 115,000 | 0 | 45,000 | 20,600 | 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..... | 81,200 | 0 | 85,000 | 0 | 35,800 | 22,000 | 0 | 0 | 0 |
| Kentucky..... | 222,000 | 5,500 | 239,000 | 6,300 | 120,500 | 0 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Catlettsburg..... | 222,000 | 0 | 239,000 | 0 | 120,500 | 0 | 0 | 0 | 0 |
| Somerset Refinery Inc Somerset..... | 0 | 5,500 | 0 | 6,300 | 0 | 0 | 0 | 0 | 0 |
| Louisiana..... | 2,971,183 | 0 | 3,131,855 | 0 | 1,438,400 | 488,950 | 0 | 0 | 10,600 |
| Calcasieu Refining Co Lake Charles..... | 78,000 | 0 | 80,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Calumet Lubricants Co LP Cotton Valley..... | 13,020 | 0 | 14,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Princeton..... | 8,300 | 0 | 8,655 | 0 | 7,000 | 0 | 0 | 0 | 0 |
| Calumet Shreveport LLC Shreveport..... | 42,000 | 0 | 50,000 | 0 | 18,000 | 0 | 0 | 0 | 0 |
| Chalmette Refining LLC Chalmette..... | 192,760 | 0 | 200,700 | 0 | 116,700 | 40,150 | 0 | 0 | 0 |
| Citgo Petroleum Corp Lake Charles..... | 429,500 | 0 | 454,500 | 0 | 200,000 | 104,000 | 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 | 241,100 | 119,800 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Garyville..... | 245,000 | 0 | 275,000 | 0 | 134,000 | 40,000 | 0 | 0 | 0 |
| Motiva Enterprises LLC Convent..... | 235,000 | 0 | 255,000 | 0 | 119,400 | 0 | 0 | 0 | 0 |
| Norco..... | 242,200 | 0 | 250,000 | 0 | 94,000 | 23,600 | 0 | 0 | 0 |
| Murphy Oil USA Inc Meraux..... | 120,000 | 0 | 125,000 | 0 | 50,000 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|--|----------------------------|---------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Illinois..... | 315,000 | 3,000 | 0 | 69,000 | 0 | 207,000 | 49,900 | 0 |
| WRB Refining LLC (Formerly ConocoPhillips Company) 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..... | 98,300 | 500 | 0 | 35,000 | 0 | 55,500 | 39,500 | 0 |
| Coffeyville Resources LLC Coffeyville..... | 35,300 | 0 | 0 | 0 | 0 | 24,000 | 17,000 | 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 | 35,000 | 0 | 24,000 | 0 | 0 |
| Kentucky..... | 102,000 | 0 | 0 | 0 | 0 | 20,000 | 32,000 | 12,500 |
| Marathon Petroleum Co LLC Catlettsburg..... | 102,000 | 0 | 0 | 0 | 0 | 20,000 | 31,000 | 12,500 |
| Somerset Refinery Inc Somerset..... | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Louisiana..... | 1,140,480 | 20,500 | 49,200 | 142,982 | 52,000 | 369,000 | 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..... | 3,500 | 7,000 | 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 | 34,982 | 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 | 49,000 | 0 | 34,000 |
| Motiva Enterprises LLC Convent..... | 92,000 | 0 | 0 | 0 | 52,000 | 0 | 40,000 | 0 |
| Norco..... | 114,000 | 0 | 0 | 34,000 | 0 | 40,000 | 22,000 | 0 |
| Murphy Oil USA Inc Meraux..... | 37,000 | 0 | 0 | 32,000 | 0 | 32,000 | 0 | 18,000 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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..... | 338,400 | 87,000 | 68,250 | 239,600 | 0 | 0 | 0 | 56,700 |
| WRB Refining LLC (Formerly ConocoPhillips Company) Wood River..... | 69,300 | 48,000 | 53,250 | 46,000 | 0 | 0 | 0 | 0 |
| Indiana..... | 155,000 | 0 | 2,000 | 123,000 | 6,000 | 0 | 100,000 | 0 |
| BP Products North America Inc Whiting..... | 145,000 | 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..... | 108,500 | 0 | 17,000 | 110,700 | 23,000 | 0 | 45,000 | 0 |
| Coffeyville Resources LLC Coffeyville..... | 30,500 | 0 | 7,000 | 27,000 | 23,000 | 0 | 0 | 0 |
| Frontier El Dorado Refining Co El Dorado..... | 42,000 | 0 | 10,000 | 43,000 | 0 | 0 | 45,000 | 0 |
| NCRA McPherson..... | 36,000 | 0 | 0 | 40,700 | 0 | 0 | 0 | 0 |
| Kentucky..... | 53,300 | 0 | 30,000 | 60,000 | 0 | 0 | 105,000 | 22,400 |
| Marathon Petroleum Co LLC Catlettsburg..... | 52,000 | 0 | 30,000 | 60,000 | 0 | 0 | 105,000 | 22,400 |
| Somerset Refinery Inc Somerset..... | 1,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Louisiana..... | 636,650 | 581,500 | 122,000 | 626,500 | 122,000 | 12,500 | 282,000 | 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 | 0 | 8,500 | 0 | 0 | 0 |
| Calumet Shreveport LLC Shreveport..... | 12,000 | 0 | 0 | 0 | 8,000 | 0 | 8,000 | 1,200 |
| Chalmette Refining LLC Chalmette..... | 40,000 | 45,000 | 0 | 0 | 27,500 | 0 | 65,000 | 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 | 101,900 | 0 | 0 | 0 | 122,000 |
| Marathon Petroleum Co LLC Garyville..... | 50,000 | 87,000 | 0 | 108,000 | 0 | 0 | 108,000 | 0 |
| Motiva Enterprises LLC Convent..... | 98,000 | 0 | 39,800 | 70,000 | 0 | 0 | 40,000 | 0 |
| Norco..... | 38,500 | 73,000 | 0 | 55,000 | 0 | 0 | 0 | 0 |
| Murphy Oil USA Inc Meraux..... | 35,000 | 0 | 18,000 | 34,000 | 0 | 0 | 12,000 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 |
| Louisiana..... | 2,971,183 | 0 | 3,131,855 | 0 | 1,438,400 | 488,950 | 0 | 0 | 10,600 |
| 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 Chem 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..... | 100,000 | 0 | 105,000 | 0 | 51,000 | 0 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Detroit..... | 100,000 | 0 | 105,000 | 0 | 51,000 | 0 | 0 | 0 | 0 |
| Minnesota..... | 349,300 | 0 | 375,000 | 0 | 248,000 | 70,800 | 0 | 0 | 0 |
| Flint Hills Resources LP Saint Paul..... | 279,300 | 0 | 294,000 | 0 | 216,000 | 70,800 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Saint Paul Park..... | 70,000 | 0 | 81,000 | 0 | 32,000 | 0 | 0 | 0 | 0 |
| Mississippi..... | 364,000 | 0 | 396,800 | 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 | 24,300 | 0 | 18,000 | 0 | 0 | 0 | 0 |
| Hunt Southland Refining Co Sandersville..... | 11,000 | 0 | 12,500 | 0 | 6,875 | 0 | 0 | 0 | 0 |
| Montana..... | 182,500 | 0 | 193,200 | 0 | 98,700 | 20,340 | 10,400 | 0 | 0 |
| Cenex Harvest States Coop Laurel..... | 55,000 | 0 | 60,000 | 0 | 29,000 | 0 | 0 | 0 | 0 |
| ConocoPhillips Company Billings..... | 58,000 | 0 | 61,000 | 0 | 35,800 | 20,340 | 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 Eagle Springs..... | 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 |
| Hess Corporation Port Reading..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|--|----------------------------|---------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Louisiana..... | 1,140,480 | 20,500 | 49,200 | 142,982 | 52,000 | 369,000 | 201,800 | 59,000 |
| 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 Chem LP Saint Rose..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Valero Refining Co Louisiana Krotz Springs..... | 34,000 | 0 | 0 | 0 | 0 | 0 | 13,000 | 0 |
| Valero Refining New Orleans LLC Norco..... | 97,380 | 8,000 | 0 | 0 | 0 | 25,000 | 0 | 0 |
| Michigan..... | 31,000 | 0 | 0 | 0 | 0 | 19,000 | 0 | 0 |
| Marathon Petroleum Co LLC Detroit..... | 31,000 | 0 | 0 | 0 | 0 | 19,000 | 0 | 0 |
| Minnesota..... | 113,000 | 0 | 98,500 | 0 | 0 | 58,000 | 13,800 | 0 |
| Flint Hills Resources LP Saint Paul..... | 86,500 | 0 | 98,500 | 0 | 0 | 37,500 | 13,800 | 0 |
| Marathon Petroleum Co LLC Saint Paul Park..... | 26,500 | 0 | 0 | 0 | 0 | 20,500 | 0 | 0 |
| Mississippi..... | 80,000 | 0 | 0 | 74,000 | 0 | 62,000 | 34,000 | 0 |
| Chevron USA Inc Pascagoula..... | 80,000 | 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..... | 61,450 | 990 | 6,100 | 0 | 0 | 12,000 | 27,080 | 0 |
| Cenex Harvest States Coop Laurel..... | 14,450 | 0 | 0 | 0 | 0 | 12,000 | 0 | 0 |
| ConocoPhillips Company Billings..... | 20,500 | 990 | 0 | 0 | 0 | 0 | 13,550 | 0 |
| ExxonMobil Refining & Supply Co Billings..... | 23,500 | 0 | 6,100 | 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 Eagle Springs..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Jersey..... | 322,000 | 0 | 0 | 0 | 0 | 92,000 | 0 | 22,000 |
| 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 | 22,000 |
| Hess Corporation Port Reading..... | 65,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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..... | 636,650 | 581,500 | 122,000 | 626,500 | 122,000 | 12,500 | 282,000 | 123,200 |
| Pelican Refining Company LLC Lake Charles..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Placid Refining Co Port Allen..... | 11,000 | 0 | 0 | 15,000 | 0 | 0 | 0 | 0 |
| Shell Chem 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..... | 29,000 | 0 | 6,800 | 30,000 | 0 | 0 | 35,000 | 0 |
| Marathon Petroleum Co LLC Detroit..... | 29,000 | 0 | 6,800 | 30,000 | 0 | 0 | 35,000 | 0 |
| Minnesota..... | 126,000 | 0 | 30,800 | 32,500 | 0 | 0 | 130,500 | 0 |
| Flint Hills Resources LP Saint Paul..... | 105,000 | 0 | 23,800 | 12,500 | 0 | 0 | 101,500 | 0 |
| Marathon Petroleum Co LLC Saint Paul Park..... | 21,000 | 0 | 7,000 | 20,000 | 0 | 0 | 29,000 | 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..... | 44,550 | 18,900 | 19,300 | 42,500 | 16,000 | 0 | 44,400 | 7,900 |
| Genex Harvest States Coop Laurel..... | 16,000 | 0 | 0 | 0 | 16,000 | 0 | 16,000 | 0 |
| ConocoPhillips Company Billings..... | 13,550 | 6,000 | 4,400 | 30,000 | 0 | 0 | 25,400 | 0 |
| ExxonMobil Refining & Supply Co Billings..... | 13,900 | 12,900 | 13,900 | 10,500 | 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 Eagle Springs..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Jersey..... | 159,000 | 127,000 | 28,500 | 193,000 | 17,000 | 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 | 17,000 | 0 | 0 | 0 |
| Hess Corporation Port Reading..... | 0 | 27,000 | 0 | 0 | 0 | 0 | 0 | 18,000 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 |
| New Jersey | 623,000 | 32,000 | 651,000 | 35,000 | 294,000 | 27,000 | 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 |
| Giant Industries Inc Bloomfield..... | 16,800 | 0 | 18,107 | 0 | 0 | 0 | 0 | 0 | 0 |
| Giant Refining Co Gallup..... | 20,800 | 0 | 21,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Navajo Refining Co Artesia..... | 84,000 | 0 | 85,000 | 0 | 24,600 | 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 | 510,120 | 0 | 579,000 | 0 | 153,500 | 57,000 | 0 | 0 | 0 |
| BP Products North America Inc Toledo..... | 131,000 | 0 | 160,000 | 0 | 71,500 | 34,000 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Canton | 73,000 | 0 | 84,000 | 0 | 30,000 | 0 | 0 | 0 | 0 |
| Premcor Refining Group Inc Lima..... | 146,120 | 0 | 170,000 | 0 | 52,000 | 23,000 | 0 | 0 | 0 |
| Sunoco Inc Toledo..... | 160,000 | 0 | 165,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 490,700 | 0 | 527,960 | 0 | 196,920 | 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 |
| Wynnewood Refining Co Wynnewood..... | 54,000 | 0 | 56,500 | 0 | 17,700 | 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 |
| Pennsylvania | 773,000 | 0 | 817,500 | 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 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|--|----------------------------|--------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| New Jersey | 322,000 | 0 | 0 | 0 | 0 | 92,000 | 0 | 22,000 |
| 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 |
| Giant Industries Inc Bloomfield..... | 6,000 | 500 | 0 | 0 | 0 | 0 | 5,000 | 0 |
| Giant Refining Co Gallup..... | 8,500 | 3,000 | 0 | 0 | 0 | 0 | 6,800 | 0 |
| Navajo Refining Co Artesia..... | 27,000 | 0 | 0 | 0 | 0 | 24,000 | 0 | 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 | 19,000 | 146,000 | 0 |
| BP Products North America Inc Toledo..... | 55,000 | 0 | 0 | 31,000 | 0 | 0 | 43,000 | 0 |
| Marathon Petroleum Co LLC Canton | 26,000 | 0 | 0 | 0 | 0 | 19,000 | 0 | 0 |
| Premcor Refining Group Inc Lima..... | 40,000 | 0 | 0 | 26,000 | 0 | 0 | 55,000 | 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 | 100,190 | 4,850 |
| ConocoPhillips Company Ponca City..... | 69,847 | 0 | 0 | 0 | 0 | 0 | 54,190 | 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 |
| 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 |
| Pennsylvania | 309,500 | 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..... | 123,500 | 0 | 0 | 0 | 0 | 0 | 86,000 | 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 |
| New Jersey | 159,000 | 127,000 | 28,500 | 193,000 | 17,000 | 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 |
| Giant Industries Inc Bloomfield..... | 5,000 | 0 | 0 | 3,000 | 0 | 0 | 0 | 0 |
| Giant Refining Co Gallup..... | 6,800 | 0 | 0 | 3,000 | 0 | 0 | 0 | 0 |
| Navajo Refining Co Artesia..... | 34,000 | 0 | 3,500 | 33,000 | 0 | 0 | 29,000 | 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 | 176,200 | 100,000 | 0 | 57,000 | 0 | 0 | 74,000 | 0 |
| BP Products North America Inc Toledo..... | 40,000 | 0 | 0 | 17,000 | 0 | 0 | 47,000 | 0 |
| Marathon Petroleum Co LLC Canton..... | 25,000 | 0 | 0 | 10,000 | 0 | 0 | 27,000 | 0 |
| Premcor Refining Group Inc Lima..... | 63,000 | 35,000 | 0 | 30,000 | 0 | 0 | 0 | 0 |
| Sunoco Inc Toledo..... | 48,200 | 65,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 138,200 | 70,268 | 18,500 | 106,281 | 27,306 | 0 | 55,540 | 36,131 |
| ConocoPhillips Company Ponca City..... | 50,700 | 48,268 | 18,500 | 31,981 | 27,306 | 0 | 23,540 | 14,531 |
| Sinclair Oil Corp Tulsa..... | 20,000 | 22,000 | 0 | 29,300 | 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 |
| 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 |
| Pennsylvania | 212,600 | 141,000 | 16,400 | 41,360 | 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 | 73,000 | 0 | 0 | 40,000 | 0 | 0 | 0 |
| Sunoco Inc (R&M) Philadelphia..... | 88,000 | 65,000 | 0 | 0 | 113,000 | 0 | 0 | 0 |

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(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 | 817,500 | 0 | 267,200 | 0 | 0 | 0 | 0 |
| United Refining Co Warren..... | 65,000 | 0 | 68,000 | 0 | 31,000 | 0 | 0 | 0 | 0 |
| Tennessee | 180,000 | 0 | 182,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Premcor Refining Group Inc Memphis..... | 180,000 | 0 | 182,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 4,337,026 | 348,500 | 4,545,100 | 385,000 | 2,187,600 | 720,730 | 42,500 | 0 | 0 |
| Age Refining Inc San Antonio..... | 13,000 | 0 | 13,500 | 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..... | 205,000 | 212,000 | 230,000 | 245,000 | 237,000 | 43,000 | 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 | 78,730 | 0 | 0 | 0 |
| Deer Park Refining LTD Partnership Deer Park..... | 333,700 | 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 |
| ExxonMobil Refining & Supply Co Baytown..... | 562,500 | 0 | 586,000 | 0 | 281,000 | 47,000 | 42,500 | 0 | 0 |
| Beaumont..... | 348,500 | 0 | 363,100 | 0 | 143,000 | 48,000 | 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 (Formerly Lyondell Citgo Refining Co Ltd) Houston..... | 270,200 | 0 | 287,000 | 0 | 195,000 | 107,000 | 0 | 0 | 0 |
| Marathon Petroleum Co LLC Texas City..... | 72,000 | 0 | 78,000 | 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..... | 260,000 | 0 | 265,000 | 0 | 140,000 | 103,000 | 0 | 0 | 0 |
| South Hampton Resources Inc Silsbee..... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Petrochemicals Inc Port Arthur..... | 95,500 | 136,500 | 100,000 | 140,000 | 52,000 | 0 | 0 | 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 Corpus Christi..... | 142,000 | 0 | 146,000 | 0 | 97,000 | 19,000 | 0 | 0 | 0 |

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(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|---|----------------------------|---------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Pennsylvania..... | 309,500 | 1,000 | 0 | 0 | 22,000 | 50,000 | 121,800 | 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..... | 1,827,765 | 29,300 | 179,100 | 222,000 | 61,400 | 887,600 | 251,190 | 172,500 |
| 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 | 4,300 | 60,000 | 0 | 61,400 | 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..... | 107,000 | 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 |
| ExxonMobil Refining & Supply Co Baytown..... | 215,500 | 8,000 | 28,500 | 0 | 0 | 126,000 | 0 | 48,500 |
| 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 (Formerly Lyondell Citgo Refining Co Ltd) Houston..... | 100,000 | 0 | 0 | 0 | 0 | 0 | 35,000 | 0 |
| Marathon Petroleum Co LLC Texas City..... | 57,000 | 0 | 0 | 0 | 0 | 0 | 11,000 | 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 | 46,000 | 0 | 53,800 | 0 | 0 |
| South Hampton Resources Inc Silsbee..... | 0 | 0 | 0 | 0 | 0 | 1,500 | 0 | 0 |
| Total Petrochemicals Inc Port Arthur..... | 78,000 | 0 | 11,000 | 0 | 0 | 39,600 | 0 | 19,500 |
| 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 Corpus Christi..... | 117,000 | 0 | 0 | 49,500 | 0 | 59,000 | 10,000 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 | 141,000 | 16,400 | 41,360 | 157,200 | 0 | 40,000 | 0 |
| United Refining Co Warren..... | 22,000 | 3,000 | 3,000 | 17,000 | 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 | 1,225,140 | 799,100 | 358,500 | 885,830 | 267,500 | 318,920 | 807,000 | 246,000 |
| 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 | 40,000 | 98,000 | 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 |
| ExxonMobil Refining & Supply Co Baytown..... | 157,000 | 80,000 | 34,000 | 0 | 206,500 | 0 | 110,000 | 155,800 |
| Beaumont..... | 161,700 | 25,000 | 52,500 | 30,500 | 0 | 0 | 0 | 38,200 |
| Flint Hills Resources LP Corpus Christi..... | 80,300 | 45,000 | 15,500 | 54,000 | 0 | 0 | 53,000 | 0 |
| Houston Refining LP (Formerly Lyondell Citgo Refining Co Ltd) Houston..... | 49,000 | 95,000 | 25,000 | 94,000 | 0 | 4,300 | 110,000 | 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 | 0 | 0 | 0 | 16,000 | 0 | 0 | 0 |
| Premcor Refining Group Inc Port Arthur..... | 50,500 | 84,000 | 33,000 | 87,000 | 0 | 0 | 61,000 | 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 |
| 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 Corpus Christi..... | 66,000 | 60,000 | 11,000 | 13,000 | 0 | 74,000 | 28,000 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 |
| Texas | 4,337,026 | 348,500 | 4,545,100 | 385,000 | 2,187,600 | 720,730 | 42,500 | 0 | 0 |
| Valero Refining Co Texas | | | | | | | | | |
| Houston..... | 83,000 | 0 | 85,000 | 0 | 39,000 | 0 | 0 | 0 | 0 |
| Texas City..... | 218,500 | 0 | 230,000 | 0 | 141,000 | 52,000 | 0 | 0 | 0 |
| Western Refining Company LP | | | | | | | | | |
| El Paso..... | 122,000 | 0 | 125,000 | 0 | 47,000 | 0 | 0 | 0 | 0 |
| WRB Refining LLC (Formerly ConocoPhillips Company) | | | | | | | | | |
| Borger..... | 146,000 | 0 | 152,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Utah | 167,350 | 0 | 176,000 | 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..... | 24,700 | 0 | 26,000 | 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 | 59,375 | 0 | 62,500 | 0 | 37,300 | 19,000 | 0 | 0 | 0 |
| Giant Yorktown Refining | | | | | | | | | |
| Yorktown..... | 59,375 | 0 | 62,500 | 0 | 37,300 | 19,000 | 0 | 0 | 0 |
| Washington | 623,850 | 0 | 644,300 | 0 | 286,500 | 89,700 | 0 | 0 | 0 |
| BP West Coast Products LLC | | | | | | | | | |
| Ferndale (Cherry Point)..... | 225,000 | 0 | 234,000 | 0 | 106,000 | 64,000 | 0 | 0 | 0 |
| ConocoPhillips Company | | | | | | | | | |
| Ferndale..... | 96,000 | 0 | 102,800 | 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 | 121,000 | 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 (Congo)..... | 20,000 | 0 | 22,000 | 0 | 8,600 | 0 | 0 | 0 | 0 |
| 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 | 166,400 | 0 | 64,400 | 10,000 | 0 | 0 | 0 |
| Frontier Refining Inc | | | | | | | | | |
| Cheyenne..... | 47,000 | 0 | 52,000 | 0 | 25,000 | 10,000 | 0 | 0 | 0 |
| Little America Refining Co | | | | | | | | | |
| Evansville (Casper)..... | 24,500 | 0 | 25,500 | 0 | 5,600 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|--|----------------------------|---------------|-------------------------|----------------|---------------|---------------------|----------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Texas | 1,827,765 | 29,300 | 179,100 | 222,000 | 61,400 | 887,600 | 251,190 | 172,500 |
| Valero Refining Co Texas | | | | | | | | |
| Houston..... | 65,000 | 0 | 0 | 0 | 0 | 0 | 11,500 | 18,000 |
| Texas City..... | 83,500 | 0 | 0 | 0 | 0 | 18,000 | 0 | 33,000 |
| Western Refining Company LP | | | | | | | | |
| El Paso..... | 32,500 | 0 | 0 | 0 | 0 | 25,000 | 0 | 0 |
| WRB Refining LLC (Formerly ConocoPhillips Company) | | | | | | | | |
| Borger..... | 70,160 | 0 | 0 | 0 | 0 | 0 | 31,690 | 0 |
| Utah | 57,400 | 2,200 | 0 | 0 | 0 | 0 | 37,200 | 5,040 |
| 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 | 7,700 | 5,040 |
| Silver Eagle Refining | | | | | | | | |
| Woods Cross..... | 0 | 0 | 0 | 0 | 0 | 0 | 2,200 | 0 |
| Tesoro West Coast | | | | | | | | |
| Salt Lake City..... | 23,000 | 2,200 | 0 | 0 | 0 | 0 | 12,000 | 0 |
| Virginia | 28,200 | 2,000 | 0 | 0 | 0 | 0 | 12,100 | 0 |
| Giant Yorktown Refining | | | | | | | | |
| Yorktown..... | 28,200 | 2,000 | 0 | 0 | 0 | 0 | 12,100 | 0 |
| Washington | 137,300 | 3,000 | 0 | 61,000 | 0 | 43,400 | 102,200 | 30,000 |
| BP West Coast Products LLC | | | | | | | | |
| Ferndale (Cherry Point)..... | 0 | 0 | 0 | 61,000 | 0 | 0 | 63,000 | 0 |
| ConocoPhillips Company | | | | | | | | |
| Ferndale..... | 34,400 | 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..... | 45,000 | 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 (Congo)..... | 0 | 0 | 0 | 0 | 0 | 3,400 | 0 | 0 |
| 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 | 49,806 | 500 | 11,500 | 0 | 0 | 14,200 | 17,400 | 0 |
| Frontier Refining Inc | | | | | | | | |
| Cheyenne..... | 12,000 | 0 | 0 | 0 | 0 | 9,200 | 0 | 0 |
| Little America Refining Co | | | | | | | | |
| Evansville (Casper)..... | 10,500 | 500 | 0 | 0 | 0 | 5,000 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 | 1,225,140 | 799,100 | 358,500 | 885,830 | 267,500 | 318,920 | 807,000 | 246,000 |
| Valero Refining Co Texas | | | | | | | | |
| Houston..... | 12,000 | 17,500 | 0 | 18,000 | 0 | 0 | 0 | 0 |
| Texas City..... | 19,000 | 57,000 | 36,000 | 50,000 | 0 | 110,000 | 0 | 6,500 |
| Western Refining Company LP | | | | | | | | |
| El Paso..... | 26,800 | 0 | 9,000 | 22,000 | 0 | 0 | 0 | 0 |
| WRB Refining LLC (Formerly ConocoPhillips Company) | | | | | | | | |
| Borger..... | 53,340 | 0 | 8,500 | 36,130 | 0 | 81,120 | 0 | 0 |
| Utah | 44,600 | 0 | 0 | 38,800 | 28,000 | 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 | 0 | 0 | 10,000 | 0 | 0 | 0 |
| Silver Eagle Refining | | | | | | | | |
| Woods Cross..... | 2,200 | 0 | 0 | 4,000 | 0 | 0 | 0 | 0 |
| Tesoro West Coast | | | | | | | | |
| Salt Lake City..... | 12,600 | 0 | 0 | 12,000 | 0 | 0 | 0 | 0 |
| Virginia | 11,900 | 0 | 0 | 12,000 | 18,960 | 0 | 0 | 0 |
| Giant Yorktown Refining | | | | | | | | |
| Yorktown..... | 11,900 | 0 | 0 | 12,000 | 18,960 | 0 | 0 | 0 |
| Washington | 163,600 | 57,400 | 42,300 | 107,200 | 29,300 | 0 | 7,600 | 0 |
| BP West Coast Products LLC | | | | | | | | |
| Ferndale (Cherry Point)..... | 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..... | 8,500 | 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 (Congo)..... | 4,300 | 0 | 0 | 8,000 | 0 | 0 | 6,300 | 0 |
| Wisconsin | 11,000 | 7,500 | 6,200 | 5,000 | 0 | 0 | 0 | 0 |
| Murphy Oil USA Inc | | | | | | | | |
| Superior..... | 11,000 | 7,500 | 6,200 | 5,000 | 0 | 0 | 0 | 0 |
| Wyoming | 35,950 | 10,000 | 11,000 | 46,100 | 0 | 0 | 15,000 | 0 |
| Frontier Refining Inc | | | | | | | | |
| Cheyenne..... | 10,000 | 10,000 | 0 | 17,500 | 0 | 0 | 0 | 0 |
| Little America Refining Co | | | | | | | | |
| Evansville (Casper)..... | 7,200 | 0 | 0 | 9,500 | 0 | 0 | 0 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Atmospheric Crude Oil Distillation | | | | 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 |
| Wyoming..... | 154,500 | 0 | 166,400 | 0 | 64,400 | 10,000 | 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 Newcastle..... | 14,000 | 0 | 14,100 | 0 | 1,800 | 0 | 0 | 0 | 0 |
| U.S. Total..... | 16,997,792 | 445,700 | 17,928,522 | 496,800 | 8,251,451 | 2,331,580 | 205,900 | 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 (St Croix)..... | 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, 2007

(Barrels per Stream Day, Except Where Noted)

| State/Refiner/Location | Downstream Charge Capacity | | | | | | | |
|--|----------------------------|---------------|-------------------------|----------------|----------------|---------------------|------------------|----------------------------|
| | Catalytic Cracking | | Catalytic Hydrocracking | | | Catalytic Reforming | | Fuels Solvent Deasphalting |
| | Fresh | Recycled | Distillate | Gas Oil | Residual | Low Pressure | High Pressure | |
| Wyoming..... | 49,806 | 500 | 11,500 | 0 | 0 | 14,200 | 17,400 | 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 Newcastle..... | 5,500 | 0 | 0 | 0 | 0 | 0 | 2,750 | 0 |
| U.S. Total..... | 6,218,957 | 82,040 | 602,800 | 987,482 | 200,400 | 2,354,950 | 1,552,560 | 379,290 |
| Puerto Rico..... | 0 | 0 | 0 | 19,800 | 0 | 20,000 | 0 | 0 |
| Shell Chem Yabucoa Inc Yabucoa..... | 0 | 0 | 0 | 19,800 | 0 | 20,000 | 0 | 0 |
| Virgin Islands..... | 149,000 | 0 | 0 | 0 | 0 | 90,000 | 25,000 | 0 |
| Hovensa LLC Kingshill (St Croix)..... | 149,000 | 0 | 0 | 0 | 0 | 90,000 | 25,000 | 0 |

Table 3. Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 |
| Wyoming..... | 35,950 | 10,000 | 11,000 | 46,100 | 0 | 0 | 15,000 | 0 |
| Silver Eagle Refining Evanston..... | 3,250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sinclair Oil Corp Sinclair..... | 12,500 | 0 | 11,000 | 13,500 | 0 | 0 | 15,000 | 0 |
| Wyoming Refining Co Newcastle..... | 3,000 | 0 | 0 | 5,600 | 0 | 0 | 0 | 0 |
| U.S. Total..... | 4,453,890 | 2,221,568 | 1,009,450 | 3,332,671 | 870,266 | 331,420 | 2,578,840 | 649,031 |
| Puerto Rico..... | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shell Chem Yabucoa Inc Yabucoa..... | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands..... | 115,000 | 20,000 | 60,000 | 60,000 | 20,000 | 0 | 145,000 | 56,000 |
| Hovensa LLC Kingshill (St Croix)..... | 115,000 | 20,000 | 60,000 | 60,000 | 20,000 | 0 | 145,000 | 56,000 |

Note: Much of the capacity included in the table for BP Texas City is currently idle, but is under active repair and is expected to return to service.

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

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

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 | 28,200 | 1,200 | 2,000 | 0 | 2,500 | 6 | 115 |
| Gulf Atlantic Operations LLC | | | | | | | | | |
| Mobile..... | 0 | 0 | 13,200 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hunt Refining Co | | | | | | | | | |
| Tuscaloosa..... | 0 | 0 | 15,000 | 0 | 0 | 0 | 2,500 | 6 | 80 |
| Shell Chem 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 | 71,433 | 31,150 | 114,300 | 32,800 | 127,975 | 1,064 | 4,539 |
| 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 | 27,000 | 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 | 6,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Torrance..... | 24,200 | 0 | 0 | 0 | 0 | 0 | 17,725 | 138 | 448 |
| 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 | 496 |
| Wilmington..... | 12,500 | 0 | 0 | 4,400 | 0 | 0 | 10,250 | 15 | 240 |
| Tenby Inc | | | | | | | | | |
| Oxnard..... | 0 | 0 | 1,600 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tesoro Refining & Marketing Co | | | | | | | | | |
| Martinez..... | 15,400 | 0 | 0 | 0 | 0 | 0 | 8,600 | 82 | 200 |

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 | | | | |
| 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..... | 0 | 0 | 12,250 | 0 | 0 | 0 | 0 | 22 | 114 |
| Denver..... | 0 | 0 | 0 | 985 | 0 | 0 | 0 | 0 | 2 |
| 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 | 16,000 | 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 | | | | | | | | | |
| Kapolei..... | 0 | 0 | 1,000 | 0 | 0 | 0 | 0 | 18 | 34 |
| Illinois..... | 82,400 | 13,500 | 67,000 | 0 | 15,000 | 0 | 48,500 | 114 | 1,789 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Joliet..... | 28,100 | 0 | 12,000 | 0 | 0 | 0 | 18,500 | 0 | 683 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Robinson..... | 11,500 | 0 | 0 | 0 | 15,000 | 0 | 7,000 | 0 | 202 |
| PDV Midwest Refining LLC | | | | | | | | | |
| Lemont (Chicago)..... | 21,000 | 9,000 | 0 | 0 | 0 | 0 | 16,500 | 12 | 400 |
| WRB Refining LLC (Formerly ConocoPhillips Company) | | | | | | | | | |
| 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 | 14,170 | 69 | 657 |
| Coffeyville Resources LLC | | | | | | | | | |
| Coffeyville..... | 10,500 | 0 | 0 | 0 | 0 | 0 | 5,760 | 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 | 3,410 | 34 | 168 |
| Kentucky..... | 20,000 | 7,000 | 23,000 | 0 | 15,250 | 8,800 | 0 | 0 | 448 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Catlettsburg..... | 20,000 | 7,000 | 23,000 | 0 | 15,000 | 8,800 | 0 | 0 | 448 |
| Somerset Refinery Inc | | | | | | | | | |
| Somerset..... | 0 | 0 | 0 | 0 | 250 | 0 | 0 | 0 | 0 |

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2007

(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 | | | | |
| Louisiana..... | 212,400 | 39,700 | 65,800 | 43,500 | 78,220 | 67,417 | 138,355 | 271 | 5,571 |
| 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 | 5,800 | 0 | 0 | 9,000 | 0 | 6 | 14 |
| Chalmette Refining LLC | | | | | | | | | |
| Chalmette..... | 13,100 | 10,200 | 0 | 10,000 | 10,000 | 0 | 11,000 | 0 | 935 |
| Citgo Petroleum Corp | | | | | | | | | |
| Lake Charles..... | 22,000 | 17,200 | 0 | 0 | 28,000 | 11,000 | 26,500 | 0 | 640 |
| ConocoPhillips Company | | | | | | | | | |
| Belle Chasse..... | 38,000 | 12,300 | 0 | 0 | 0 | 0 | 5,289 | 0 | 125 |
| Westlake..... | 6,000 | 0 | 0 | 930 | 0 | 0 | 22,500 | 0 | 440 |
| Excel Paralubes | | | | | | | | | |
| Westlake..... | 0 | 0 | 0 | 0 | 0 | 23,817 | 0 | 0 | 185 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Baton Rouge..... | 39,700 | 0 | 0 | 0 | 0 | 16,600 | 30,831 | 0 | 800 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Garyville..... | 28,000 | 0 | 30,000 | 22,000 | 21,000 | 0 | 12,900 | 0 | 756 |
| Motiva Enterprises LLC | | | | | | | | | |
| Convent..... | 16,500 | 0 | 0 | 0 | 12,500 | 0 | 0 | 63 | 728 |
| Norco..... | 16,800 | 0 | 0 | 0 | 0 | 0 | 5,550 | 60 | 169 |
| 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 | 2,970 | 6,220 | 0 | 0 | 0 | 0 |
| Valero Refining New Orleans LLC | | | | | | | | | |
| Norco..... | 19,800 | 0 | 0 | 0 | 0 | 0 | 23,785 | 135 | 568 |
| Michigan..... | 4,900 | 0 | 23,000 | 0 | 0 | 0 | 0 | 0 | 146 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Detroit..... | 4,900 | 0 | 23,000 | 0 | 0 | 0 | 0 | 0 | 146 |
| Minnesota..... | 18,000 | 0 | 58,000 | 8,700 | 29,000 | 0 | 22,000 | 125 | 1,121 |
| Flint Hills Resources LP | | | | | | | | | |
| Saint Paul..... | 12,500 | 0 | 45,000 | 6,700 | 21,000 | 0 | 22,000 | 116 | 999 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Saint Paul Park..... | 5,500 | 0 | 13,000 | 2,000 | 8,000 | 0 | 0 | 9 | 122 |
| Mississippi..... | 18,600 | 21,000 | 36,125 | 0 | 0 | 11,400 | 35,500 | 238 | 1,324 |
| 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 |

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(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 | | | | |
| Montana | 17,150 | 0 | 35,100 | 5,200 | 700 | 0 | 7,125 | 89 | 376 |
| Cenex Harvest States Coop | | | | | | | | | |
| Laurel..... | 4,200 | 0 | 16,800 | 1,200 | 0 | 0 | 0 | 30 | 130 |
| ConocoPhillips Company | | | | | | | | | |
| Billings..... | 7,250 | 0 | 0 | 4,000 | 0 | 0 | 4,625 | 33 | 246 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Billings..... | 4,700 | 0 | 14,500 | 0 | 0 | 0 | 2,500 | 24 | 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 | | | | | | | | | |
| Eagle Springs..... | 0 | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Jersey | 40,200 | 7,500 | 98,500 | 4,000 | 10,000 | 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 | 0 | 10,000 | 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 | 419 | 13,540 | 0 | 0 | 10 | 161 |
| Giant Industries Inc | | | | | | | | | |
| Bloomfield..... | 0 | 0 | 0 | 419 | 0 | 0 | 0 | 0 | 3 |
| Giant Refining Co | | | | | | | | | |
| Gallup..... | 1,800 | 0 | 0 | 0 | 4,000 | 0 | 0 | 0 | 2 |
| Navajo Refining Co | | | | | | | | | |
| Artesia..... | 9,100 | 0 | 6,700 | 0 | 9,540 | 0 | 0 | 10 | 156 |
| 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 | 5,100 | 18,700 | 0 | 14,000 | 91 | 635 |
| BP Products North America Inc | | | | | | | | | |
| Toledo..... | 11,500 | 0 | 9,000 | 0 | 0 | 0 | 10,000 | 33 | 340 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Canton..... | 7,000 | 0 | 13,500 | 0 | 0 | 0 | 0 | 0 | 123 |
| Premcor Refining Group Inc | | | | | | | | | |
| Lima..... | 0 | 9,200 | 0 | 4,500 | 18,700 | 0 | 4,000 | 58 | 110 |
| Sunoco Inc | | | | | | | | | |
| Toledo..... | 9,950 | 9,000 | 0 | 600 | 0 | 0 | 0 | 0 | 62 |
| Oklahoma | 34,100 | 0 | 35,216 | 10,600 | 13,200 | 9,100 | 8,250 | 61 | 307 |
| ConocoPhillips Company | | | | | | | | | |
| Ponca City..... | 17,220 | 0 | 0 | 8,800 | 0 | 0 | 6,300 | 35 | 0 |

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|--|----------------|----------------|----------------------|---------------|--------------------------|---------------|---------------------------|------------------|------------------------------|
| | | | | Isobutane | Isopentane and Isohexane | | | | |
| 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 | 6,000 | 0 | 4,200 | 0 | 0 | 0 | 36 |
| 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 | 20,065 | 5,000 | 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 | 0 | 0 | 0 | 0 | 0 | 34 |
| Sunoco Inc (R&M) | | | | | | | | | |
| Philadelphia..... | 26,000 | 4,920 | 0 | 5,000 | 0 | 0 | 0 | 0 | 260 |
| United Refining Co | | | | | | | | | |
| Warren..... | 4,100 | 0 | 20,000 | 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..... | 333,950 | 162,300 | 84,100 | 81,200 | 119,733 | 79,095 | 232,756 | 636 | 12,537 |
| 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..... | 35,000 | 45,000 | 0 | 18,000 | 24,000 | 0 | 20,800 | 0 | 1,400 |
| Citgo Refining & Chemical Inc | | | | | | | | | |
| Corpus Christi..... | 24,000 | 15,000 | 0 | 0 | 0 | 0 | 14,500 | 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 | 28 |
| ExxonMobil Refining & Supply Co | | | | | | | | | |
| Baytown..... | 37,000 | 0 | 0 | 0 | 0 | 21,800 | 19,755 | 0 | 1,796 |
| Beaumont..... | 15,500 | 0 | 0 | 11,200 | 24,500 | 12,500 | 15,885 | 55 | 580 |
| Flint Hills Resources LP | | | | | | | | | |
| Corpus Christi..... | 14,800 | 34,500 | 0 | 4,900 | 2,500 | 0 | 3,430 | 0 | 237 |
| Houston Refining LP (Formerly Lyondell Citgo Refining Co Ltd) | | | | | | | | | |
| Houston..... | 11,250 | 7,000 | 0 | 0 | 0 | 3,895 | 29,960 | 0 | 803 |
| Marathon Petroleum Co LLC | | | | | | | | | |
| Texas City..... | 13,000 | 2,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---------------|-----------|----------------------|---------------|--------------------------|--------------|---------------------------|------------------|------------------------------|
| | | | | Isobutane | Isopentane and Isohexane | | | | |
| Motiva Enterprises LLC | | | | | | | | | |
| Port Arthur..... | 20,000 | 0 | 0 | 0 | 0 | 39,000 | 15,616 | 0 | 739 |
| Pasadena Refining Systems Inc | | | | | | | | | |
| Pasadena..... | 10,000 | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 28 |
| Premcor Refining Group Inc | | | | | | | | | |
| Port Arthur..... | 16,500 | 0 | 0 | 3,600 | 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 | | | | | | | | | |
| Corpus Christi..... | 17,000 | 21,000 | 38,000 | 17,000 | 12,000 | 0 | 6,270 | 195 | 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 | | | | | | | | | |
| El Paso..... | 11,500 | 0 | 6,500 | 5,000 | 0 | 0 | 0 | 0 | 40 |
| WRB Refining LLC (Formerly ConocoPhillips Company) | | | | | | | | | |
| Borger..... | 14,000 | 0 | 0 | 15,000 | 29,300 | 0 | 0 | 91 | 340 |
| Utah..... | 16,300 | 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..... | 2,200 | 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..... | 6,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Virginia..... | 4,200 | 0 | 0 | 0 | 0 | 0 | 5,400 | 14 | 60 |
| Giant Yorktown Refining | | | | | | | | | |
| Yorktown..... | 4,200 | 0 | 0 | 0 | 0 | 0 | 5,400 | 14 | 60 |
| Washington..... | 33,800 | 0 | 13,500 | 14,000 | 3,000 | 0 | 24,650 | 120 | 668 |
| BP West Coast Products LLC | | | | | | | | | |
| Ferndale (Cherry Point)..... | 0 | 0 | 0 | 6,000 | 0 | 0 | 16,250 | 120 | 252 |
| ConocoPhillips Company | | | | | | | | | |
| Ferndale..... | 9,500 | 0 | 0 | 4,400 | 0 | 0 | 0 | 0 | 56 |
| 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 | 10 |
| West Virginia..... | 0 | 0 | 550 | 0 | 0 | 5,200 | 0 | 1 | 1 |

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|--|------------------|----------------|----------------------|----------------|--------------------------|----------------|---------------------------|------------------|------------------------------|
| | | | | Isobutane | Isopentane and Isohexane | | | | |
| Ergon West Virginia Inc Newell (Congo)..... | 0 | 0 | 550 | 0 | 0 | 5,200 | 0 | 1 | 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..... | 10,220 | 0 | 23,100 | 24 | 1,000 | 0 | 4,700 | 32 | 157 |
| Frontier Refining Inc Cheyenne..... | 4,200 | 0 | 13,000 | 0 | 0 | 0 | 4,700 | 6 | 101 |
| Little America Refining Co Evansville (Casper)..... | 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 | 26 | 47 |
| Wyoming Refining Co Newcastle..... | 1,520 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 4 |
| U.S. Total..... | 1,226,925 | 305,870 | 876,739 | 227,128 | 511,643 | 233,757 | 722,301 | 3,100 | 33,021 |
| 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 (St Croix)..... | 20,000 | 20,000 | 0 | 0 | 18,000 | 0 | 19,000 | 0 | 550 |

Note: Much of the capacity included in the table for BP Texas City is currently idle, but is under active repair and is expected to return to service.

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, 2007

| CORPORATION / Refiner / Location | Barrels per Calendar Day | CORPORATION / Refiner / Location | Barrels per Calendar Day |
|--|-----------------------------|--|-----------------------------|
| Companies with Capacity Over 100,000 bbl/cd | | Beaumont, Texas..... | 348,500 |
| | | Joliet, Illinois..... | 238,600 |
| VALERO ENERGY CORP..... | 2,219,410 | Torrance, California..... | 149,500 |
| Premcor Refining Group Inc | | Billings, Montana..... | 60,000 |
| Port Arthur, Texas..... | 260,000 | CONOCOPHILLIPS..... | 1,778,600 |
| Delaware City, Delaware..... | 182,200 | ConocoPhillips Company | |
| Memphis, Tennessee..... | 180,000 | Belle Chasse, Louisiana..... | 247,000 |
| Lima, Ohio..... | 146,120 | Sweeny, Texas..... | 247,000 |
| Valero Refining Co Texas | | Westlake, Louisiana..... | 239,400 |
| Texas City, Texas..... | 218,500 | Linden, New Jersey..... | 238,000 |
| Corpus Christi, Texas..... | 142,000 | Ponca City, Oklahoma..... | 194,000 |
| Houston, Texas..... | 83,000 | Trainer, Pennsylvania..... | 185,000 |
| Valero Energy Corporation | | Wilmington, California..... | 139,000 |
| Sunray, Texas..... | 171,000 | Ferndale, Washington..... | 96,000 |
| Three Rivers, Texas..... | 93,000 | Rodeo, California..... | 76,000 |
| Valero Refining New Orleans LLC | | Billings, Montana..... | 58,000 |
| Norco, Louisiana..... | 185,003 | Arroyo Grande, California..... | 44,200 |
| Valero Refining Co New Jersey | | ConocoPhillips Alaska Inc | |
| Paulsboro, New Jersey..... | 160,000 | Kuparuk, Alaska..... | 15,000 |
| Valero Refining Co California | | BP PLC..... | 1,460,500 |
| Benicia, California..... | 144,000 | BP Products North America Inc | |
| Wilmington, California..... | 6,300 | Texas City, Texas..... | 417,000 |
| Valero Refining Co Oklahoma | | Whiting, Indiana..... | 410,000 |
| Ardmore, Oklahoma..... | 87,400 | Toledo, Ohio..... | 131,000 |
| Ultramar Inc | | BP West Coast Products LLC | |
| Wilmington, California..... | 80,887 | Los Angeles, California..... | 265,000 |
| Valero Refining Co Louisiana | | Ferndale (Cherry Point), Washington..... | 225,000 |
| Krotz Springs, Louisiana..... | 80,000 | BP Exploration Alaska Inc | |
| EXXON MOBIL CORP..... | 1,862,100 | Prudhoe Bay, Alaska..... | 12,500 |
| ExxonMobil Refining & Supply Co | | | |
| Baytown, Texas..... | 562,500 | | |
| Baton Rouge, Louisiana..... | 503,000 | | |

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2007

| CORPORATION / Refiner / Location | Barrels per Calendar Day | CORPORATION / Refiner / Location | Barrels per Calendar Day |
|----------------------------------|--------------------------|---|--------------------------|
| CHEVRON CORP..... | 1,011,901 | Corpus Christi, Texas..... | 156,000 |
| Chevron USA Inc | | Citgo Asphalt Refining Co | |
| Pascagoula, Mississippi..... | 330,000 | Paulsboro, New Jersey..... | 32,000 |
| El Segundo, California..... | 260,000 | Savannah, Georgia..... | 28,000 |
| Richmond, California..... | 242,901 | KOCH INDUSTRIES INC..... | 777,426 |
| Perth Amboy, New Jersey..... | 80,000 | Flint Hills Resources LP | |
| Honolulu, Hawaii..... | 54,000 | Corpus Christi, Texas..... | 288,126 |
| Salt Lake City, Utah..... | 45,000 | Saint Paul, Minnesota..... | 279,300 |
| MARATHON OIL CORP..... | 974,000 | Flint Hills Resources Alaska LLC | |
| Marathon Petroleum Co LLC | | North Pole, Alaska..... | 210,000 |
| Garyville, Louisiana..... | 245,000 | MOTIVA ENTERPRISES LLC..... | 762,200 |
| Catlettsburg, Kentucky..... | 222,000 | (50% Royal Dutch/Shell Group, 50% Saudi Aramco) | |
| Robinson, Illinois..... | 192,000 | Motiva Enterprises LLC | |
| Detroit, Michigan..... | 100,000 | Port Arthur, Texas..... | 285,000 |
| Canton, Ohio..... | 73,000 | Norco, Louisiana..... | 242,200 |
| Texas City, Texas..... | 72,000 | Convent, Louisiana..... | 235,000 |
| Saint Paul Park, Minnesota..... | 70,000 | TESORO CORP..... | 567,500 |
| SUNOCO INC..... | 903,000 | Tesoro West Coast | |
| Sunoco Inc | | Anacortes, Washington..... | 120,000 |
| Marcus Hook, Pennsylvania..... | 178,000 | Mandan, North Dakota..... | 58,000 |
| Toledo, Ohio..... | 160,000 | Salt Lake City, Utah..... | 58,000 |
| Westville, New Jersey..... | 145,000 | Tesoro Refining & Marketing Co | |
| Tulsa, Oklahoma..... | 85,000 | Martinez, California..... | 166,000 |
| Sunoco Inc (R&M) | | Tesoro Hawaii Corp | |
| Philadelphia, Pennsylvania..... | 335,000 | Kapolei, Hawaii..... | 93,500 |
| PDV AMERICA INC..... | 812,500 | Tesoro Alaska Petroleum Co | |
| Citgo Petroleum Corp | | Kenai, Alaska..... | 72,000 |
| Lake Charles, Louisiana..... | 429,500 | | |
| PDV Midwest Refining LLC | | | |
| Lemont (Chicago), Illinois..... | 167,000 | | |
| Citgo Refining & Chemical Inc | | | |

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2007

| CORPORATION / Refiner / Location | Barrels per Calendar Day | CORPORATION / Refiner / Location | Barrels per Calendar Day |
|--|--------------------------|---|--------------------------|
| ROYAL DUTCH SHELL GROUP..... | 532,600 | Sinclair, Wyoming..... | 66,000 |
| Shell Oil Products US | | Little America Refining Co | |
| Martinez, California..... | 155,600 | Evansville (Casper), Wyoming..... | 24,500 |
| Anacortes, Washington..... | 145,000 | FRONTIER OIL CORP..... | 154,500 |
| Wilmington, California..... | 97,000 | Frontier El Dorado Refining Co | |
| Shell Chem LP | | El Dorado, Kansas..... | 107,500 |
| Saraland, Alabama..... | 80,000 | Frontier Refining Inc | |
| Saint Rose, Louisiana..... | 55,000 | Cheyenne, Wyoming..... | 47,000 |
| WRB REFINING LLC..... | 452,000 | MURPHY OIL CORP..... | 154,300 |
| a | | Murphy Oil USA Inc | |
| WRB Refining LLC | | Meraux, Louisiana..... | 120,000 |
| Wood River, Illinois..... | 306,000 | Superior, Wisconsin..... | 34,300 |
| (50% ConocoPhillips, 50% EnCana) | | ALON ISRAEL OIL COMPANY LTD..... | 150,000 |
| Borger, Texas..... | 146,000 | Alon USA Energy Inc | |
| (85% ConocoPhillips, 15% EnCana) | | Big Spring, Texas..... | 67,000 |
| DEER PARK REFINING LTD PTNRSHP | | c | |
| (50% Royal Dutch/Shell Group, 50% Pemex) | | Paramount Petroleum Corporation | |
| Deer Park Refining LTD Partnership | | Paramount, California..... | 50,000 |
| Deer Park, Texas..... | 333,700 | d | |
| LYONDELL CHEMICAL CO | | Edgington Oil Co Inc | |
| b | | Long Beach, California..... | 33,000 |
| Houston Refining LP | | COMPAGNIE NATIONALE A PORTEFEUILLE..... | 137,850 |
| Houston, Texas..... | 270,200 | e | |
| TOTAL SA | | Pasadena Refining Systems Inc | |
| Total Petrochemicals Inc | | (50% CNAP, 50% Petrobras) | |
| Port Arthur, Texas..... | 232,000 | Pasadena, Texas..... | 100,000 |
| CHALMETTE REFINING LLC | | f | |
| (50% ExxonMobil, 50% PDV) | | US Oil & Refining Co | |
| Chalmette Refining LLC | | Tacoma, Washington..... | 37,850 |
| Chalmette, Louisiana..... | 192,760 | CHS INC..... | 136,200 |
| SINCLAIR OIL CORP..... | 160,800 | NCRA | |
| Sinclair Oil Corp | | McPherson, Kansas..... | 81,200 |
| Tulsa, Oklahoma..... | 70,300 | Cenex Harvest States Coop | |
| | | Laurel, Montana..... | 55,000 |

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2007

| CORPORATION / Refiner / Location | Barrels per Calendar Day | CORPORATION / Refiner / Location | Barrels per Calendar Day |
|----------------------------------|--------------------------|------------------------------------|--------------------------|
| GARY WILLIAMS CO | | Woods Cross, Utah..... | 10,250 |
| Wynnewood Refining Co | | Evanston, Wyoming..... | 3,000 |
| Wynnewood, Oklahoma..... | 54,000 | AGE REFINING & MARKETING INC | |
| HUNT CONSLD INC..... | 45,500 | Age Refining Inc | |
| Hunt Refining Co | | San Antonio, Texas..... | 13,000 |
| Tuscaloosa, Alabama..... | 34,500 | Total..... | 120,950 |
| Hunt Southland Refining Co | | | |
| Sandersville, Mississippi..... | 11,000 | | |
| Total..... | 771,695 | | |
| | | Companies with Capacity | |
| | | 10,001 to 30,000 bbl/cd | |
| KERN OIL & REFINING CO | | AMERICAN REFINING GROUP INC | |
| Kern Oil & Refining Co | | American Refining Group Inc | |
| Bakersfield, California..... | 26,000 | Bradford, Pennsylvania..... | 10,000 |
| COUNTRYMARK COOP INC | | CONNACHER OIL & GAS LTD | |
| Countrymark Cooperative Inc | | Montana Refining Co ⁹ | |
| Mount Vernon, Indiana..... | 23,000 | Great Falls, Montana..... | 9,500 |
| GULF ATLANTIC OPERATIONS LLC | | GREKA ENERGY | |
| Gulf Atlantic Operations LLC | | Greka Energy | |
| Mobile, Alabama..... | 16,700 | Santa Maria, California..... | 9,500 |
| SAN JOAQUIN REFINING CO INC | | WORLD OIL CO | |
| San Joaquin Refining Co Inc | | Lunday Thagard Co | |
| Bakersfield, California..... | 15,000 | South Gate, California..... | 8,500 |
| WYOMING REFINING CO | | CROSS OIL REFINING CO INC | |
| Wyoming Refining Co | | Cross Oil Refining & Marketing Inc | |
| Newcastle, Wyoming..... | 14,000 | Smackover, Arkansas..... | 7,200 |
| SILVER EAGLE REFINING INC..... | 13,250 | SOMERSET OIL CO | |
| Silver Eagle Refining | | Somerset Refinery Inc | |
| | | Somerset, Kentucky..... | 5,500 |

Table 5. Refiners' Total Operable Atmospheric Crude Oil Distillation Capacity as of January 1, 2007

| CORPORATION / Refiner / Location | Barrels per Calendar Day | CORPORATION / Refiner / Location | Barrels per Calendar Day |
|----------------------------------|--------------------------|----------------------------------|--------------------------|
| GOODWAY REFINING LLC | | | |
| Goodway Refining LLC | | | |
| Atmore, Alabama..... | 4,100 | | |
| OIL HOLDING INC | | | |
| Tenby Inc | | | |
| Oxnard, California..... | 2,800 | | |
| FORELAND REFINING CORP | | | |
| Foreland Refining Corp | | | |
| Eagle Springs, Nevada..... | 2,000 | | |
| Total..... | 59,100 | | |
| U.S. Total..... | 17,443,492 | | |

- a Formerly Wholly Owned By ConocoPhillips Company
- b Formerly Lyondell Citgo Refining Co Ltd
- c Formerly Owned By Paramount Petroleum Corp
- d Formerly Owned By Apex Oil Co
- e Formerly Wholly Owned by Compagnie Nationale A Portefeuille.
- f Formerly Owned By Time Oil Co
- g Formerly Owned By Holly Corp

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, 2007
(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 | 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 |
| PADD I | 1,810 | 710 | 99 | 743 | 7 | 44 | 323 | 1,364 | 22 |
| PADD II | 3,819 | 1,566 | 415 | 1,286 | 14 | 333 | 952 | 3,252 | 17 |
| PADD III | 8,818 | 4,083 | 1,382 | 3,110 | 53 | 781 | 1,886 | 7,993 | 239 |
| PADD IV | 640 | 234 | 49 | 199 | 4 | 18 | 128 | 508 | 5 |
| PADD V | 3,338 | 1,658 | 619 | 882 | 4 | 616 | 618 | 2,329 | 96 |
| JAN 1, 2008^a | 18,658 | 8,502 | 2,600 | 6,222 | 82 | 1,833 | 3,856 | 15,706 | 379 |
| PADD I | 1,810 | 710 | 99 | 756 | 7 | 44 | 323 | 1,399 | 22 |
| PADD II | 3,878 | 1,594 | 415 | 1,286 | 14 | 329 | 935 | 3,309 | 17 |
| PADD III | 8,987 | 4,296 | 1,396 | 3,095 | 53 | 828 | 1,852 | 8,132 | 239 |
| PADD IV | 640 | 234 | 69 | 200 | 4 | 18 | 128 | 532 | 5 |
| PADD V | 3,344 | 1,668 | 621 | 885 | 4 | 613 | 618 | 2,333 | 96 |
| 2007-2008^a | 233 | 251 | 36 | 3 | 0 | 42 | -52 | 259 | 0 |
| PADD I | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 35 | 0 |
| PADD II | 59 | 28 | 0 | 1 | 0 | -4 | -17 | 57 | 0 |
| PADD III | 169 | 213 | 14 | 0 | 0 | 47 | -34 | 139 | 0 |
| PADD IV | 0 | 0 | 20 | 1 | 0 | 0 | 0 | 24 | 0 |
| PADD V | 6 | 10 | 2 | 2 | 0 | -3 | 0 | 4 | 0 |

^a Projected data from refiners

NA = Not available.

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

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, 2007
(Thousand Barrels per Stream Day, Except Where Noted)

| Year/PAD Distric | 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 |
| PADD I | 110 | 22 | 143 | 32 | 20 | 27 | 84 | 1,358 |
| PADD II | 274 | 58 | 306 | 175 | 18 | 120 | 491 | 5,829 |
| PADD III | 581 | 223 | 237 | 346 | 163 | 409 | 1,164 | 19,865 |
| PADD IV | 44 | 0 | 74 | 16 | 0 | 14 | 143 | 708 |
| PADD V | 218 | 3 | 117 | 170 | 33 | 153 | 1,218 | 5,261 |
| JAN 1, 2008 ^a | 1,228 | 306 | 882 | 740 | 238 | 727 | 3,215 | 33,355 |
| PADD I | 111 | 22 | 143 | 32 | 20 | 27 | 84 | 1,357 |
| PADD II | 274 | 58 | 307 | 175 | 18 | 121 | 493 | 5,844 |
| PADD III | 582 | 223 | 238 | 348 | 167 | 409 | 1,251 | 19,975 |
| PADD IV | 44 | 0 | 74 | 16 | 0 | 18 | 169 | 868 |
| PADD V | 218 | 3 | 121 | 170 | 33 | 153 | 1,218 | 5,311 |
| 2007-2008 ^a | 1 | 0 | 5 | 1 | 4 | 5 | 115 | 334 |
| PADD I | 1 | 0 | 0 | 0 | 0 | 0 | 0 | -1 |
| PADD II | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 15 |
| PADD III | 1 | 0 | 1 | 2 | 4 | 0 | 87 | 110 |
| PADD IV | 0 | 0 | 0 | 0 | 0 | 4 | 26 | 160 |
| PADD V | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 50 |

^a Projected data from refiners.

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

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

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

Table 8. Working Storage Capacity^a at Operable Refineries by PAD District as of January 1, 2007
(Thousand Barrels)

| Commodity | PAD Districts | | | | | United States |
|---------------------------------------|---------------|----------------|----------------|---------------|----------------|----------------|
| | I | II | III | IV | V | |
| Crude Oil | 20,932 | 18,468 | 79,100 | 3,644 | 35,612 | 157,756 |
| Liquefied Petroleum Gases | 4,016 | 7,721 | 15,603 | 510 | 2,245 | 30,095 |
| Propane/Propylene | 1,649 | 3,477 | 4,324 | 171 | 200 | 9,821 |
| Normal Butane/Butylene | 2,367 | 4,244 | 11,279 | 339 | 2,045 | 20,274 |
| Other Liquids | 11,614 | 13,976 | 31,786 | 3,546 | 21,144 | 82,066 |
| Oxygenates | 397 | 115 | 703 | 81 | 39 | 1,335 |
| Fuel Ethanol | 310 | 115 | 33 | 81 | 39 | 578 |
| ETBE | 0 | 0 | 0 | 0 | 0 | 0 |
| MTBE | 71 | 0 | 634 | 0 | 0 | 705 |
| Other Oxygenates ^b | 16 | 0 | 36 | 0 | 0 | 52 |
| Gasoline Blending Components | 11,217 | 13,861 | 31,083 | 3,465 | 21,105 | 80,731 |
| Petroleum Products | 48,907 | 78,348 | 188,242 | 17,351 | 75,947 | 408,795 |
| Finished Motor Gasoline | 6,292 | 15,427 | 26,224 | 3,643 | 9,524 | 61,110 |
| Reformulated | 2,310 | 536 | 2,608 | 0 | 5,315 | 10,769 |
| Conventional | 3,982 | 14,891 | 23,616 | 3,643 | 4,209 | 50,341 |
| Kerosene-type Jet Fuel | 2,547 | 3,692 | 10,156 | 656 | 6,245 | 23,296 |
| Kerosene | 379 | 957 | 2,072 | 176 | 110 | 3,694 |
| Distillate Fuel Oil | 9,744 | 14,793 | 27,993 | 3,341 | 10,535 | 66,406 |
| 15 ppm sulfur and under | 3,530 | 9,430 | 12,322 | 2,058 | 6,371 | 33,711 |
| Greater than 15 ppm sulfur to 500 ppm | 3,452 | 2,378 | 6,808 | 377 | 1,854 | 14,869 |
| Greater than 15 ppm sulfur | 2,762 | 2,985 | 8,863 | 906 | 2,310 | 17,826 |
| Residual Fuel Oil | 2,944 | 3,597 | 11,337 | 875 | 7,255 | 26,008 |
| Lubricants | 1,273 | 674 | 11,384 | 0 | 1,817 | 15,148 |
| Asphalt and Road Oil | 2,873 | 10,463 | 6,036 | 3,114 | 3,376 | 25,862 |
| Other Products ^c | 22,855 | 28,745 | 93,040 | 5,546 | 37,085 | 187,271 |
| Total | 85,469 | 118,513 | 314,731 | 25,051 | 134,948 | 678,712 |

^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."

Table 9. Shell Storage Capacity^a at Operable Refineries by PAD District as of January 1, 2007
(Thousand Barrels)

| Commodity | PAD Districts | | | | | United States |
|---------------------------------------|---------------|----------------|----------------|---------------|----------------|----------------|
| | I | II | III | IV | V | |
| Crude Oil | 24,421 | 23,108 | 93,855 | 4,109 | 40,653 | 186,146 |
| Liquefied Petroleum Gases | 4,267 | 8,165 | 17,383 | 541 | 2,497 | 32,853 |
| Propane/Propylene | 1,827 | 3,667 | 4,357 | 183 | 220 | 10,254 |
| Normal Butane/Butylene | 2,440 | 4,498 | 13,026 | 358 | 2,277 | 22,599 |
| Other Liquids | 13,369 | 16,215 | 36,692 | 3,954 | 24,274 | 94,504 |
| Oxygenates | 458 | 135 | 810 | 95 | 50 | 1,548 |
| Fuel Ethanol | 358 | 135 | 35 | 95 | 50 | 673 |
| ETBE | 0 | 0 | 0 | 0 | 0 | 0 |
| MTBE | 82 | 0 | 733 | 0 | 0 | 815 |
| Other Oxygenates ^b | 18 | 0 | 42 | 0 | 0 | 60 |
| Gasoline Blending Components | 12,911 | 16,080 | 35,882 | 3,859 | 24,224 | 92,956 |
| Petroleum Products | 54,303 | 88,658 | 213,104 | 18,918 | 86,219 | 461,202 |
| Finished Motor Gasoline | 7,199 | 17,193 | 30,908 | 4,065 | 11,087 | 70,452 |
| Reformulated | 2,654 | 638 | 3,011 | 0 | 6,432 | 12,735 |
| Conventional | 4,545 | 16,555 | 27,897 | 4,065 | 4,655 | 57,717 |
| Kerosene-type Jet Fuel | 2,800 | 4,314 | 11,477 | 728 | 7,277 | 26,596 |
| Kerosene | 411 | 1,057 | 2,495 | 188 | 139 | 4,290 |
| Distillate Fuel Oil | 10,560 | 16,232 | 30,880 | 3,593 | 11,773 | 73,038 |
| 15 ppm sulfur and under | 3,810 | 10,415 | 13,673 | 2,213 | 7,175 | 37,286 |
| Greater than 15 ppm sulfur to 500 ppm | 3,734 | 2,577 | 7,521 | 417 | 2,061 | 16,310 |
| Greater than 15 ppm sulfur | 3,016 | 3,240 | 9,686 | 963 | 2,537 | 19,442 |
| Residual Fuel Oil | 3,262 | 4,030 | 12,857 | 966 | 8,108 | 29,223 |
| Lubricants | 1,384 | 759 | 12,208 | 0 | 1,910 | 16,261 |
| Asphalt and Road Oil | 3,089 | 11,663 | 6,672 | 3,336 | 3,563 | 28,323 |
| Other Products ^c | 25,598 | 33,410 | 105,607 | 6,042 | 42,362 | 213,019 |
| Total | 96,360 | 136,146 | 361,034 | 27,522 | 153,643 | 774,705 |

^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, 2005 - 2007
(Barrels per Calendar Day)

| Year/PAD | Cokers | | Catalytic Crackers | | Hydrocrackers | | |
|-------------|----------|------------------|--------------------|------------------|------------------|------------------|------------------|
| | District | Capacity | Inputs | Capacity | Inputs | Capacity | Inputs |
| 2005 | | 2,295,712 | 2,036,321 | 5,766,397 | 5,260,611 | 1,491,359 | 1,161,271 |
| PADD I | | 88,900 | 71,373 | 690,900 | 668,148 | 39,000 | 33,682 |
| PADD II | | 378,463 | 319,047 | 1,155,380 | 1,099,479 | 144,010 | 132,737 |
| PADD III | | 1,228,629 | 1,111,912 | 2,921,798 | 2,596,797 | 720,099 | 492,855 |
| PADD IV | | 43,500 | 42,518 | 181,079 | 162,263 | 16,000 | 14,874 |
| PADD V | | 556,220 | 491,471 | 817,240 | 733,923 | 572,250 | 487,123 |
| 2006 | | 2,330,100 | 2,085,540 | 5,799,582 | 5,219,816 | 1,474,986 | 1,218,581 |
| PADD I | | 90,400 | 80,293 | 696,800 | 610,652 | 41,500 | 31,011 |
| PADD II | | 376,594 | 297,066 | 1,184,373 | 1,052,967 | 153,986 | 135,932 |
| PADD III | | 1,254,726 | 1,181,397 | 2,910,833 | 2,616,022 | 705,090 | 524,548 |
| PADD IV | | 44,500 | 42,647 | 180,526 | 161,603 | 16,000 | 15,205 |
| PADD V | | 563,880 | 484,137 | 827,050 | 778,573 | 558,410 | 511,885 |
| 2007 | | 2,359,318 | NA | 5,830,486 | NA | 1,620,705 | NA |
| PADD I | | 92,500 | NA | 703,300 | NA | 41,500 | NA |
| PADD II | | 378,806 | NA | 1,170,138 | NA | 294,271 | NA |
| PADD III | | 1,274,006 | NA | 2,932,238 | NA | 694,976 | NA |
| PADD IV | | 44,800 | NA | 185,105 | NA | 16,000 | NA |
| PADD V | | 569,206 | NA | 839,705 | NA | 573,958 | 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 2005 data is final, 2006 is preliminary.

Table 11. Refinery Receipts of Crude Oil by Method of Transportation by PAD District, 2006
(Thousand Barrels)

| Method | PAD Districts | | | | | United States |
|------------------|---------------|---------|-----------|---------|---------|---------------|
| | I | II | III | IV | V | |
| Pipeline | | | | | | |
| Domestic | 2,217 | 624,071 | 608,349 | 86,766 | 277,069 | 1,598,472 |
| Foreign | 23,846 | 572,238 | 412,872 | 95,313 | 37,121 | 1,141,390 |
| Tanker | | | | | | |
| Domestic | 0 | 0 | 6,603 | 0 | 250,093 | 256,696 |
| Foreign | 432,103 | 0 | 1,534,624 | 0 | 361,961 | 2,328,688 |
| Barge | | | | | | |
| Domestic | 3,131 | 136 | 39,608 | 0 | 1,096 | 43,971 |
| Foreign | 83,484 | 0 | 16,492 | 0 | 27,787 | 127,763 |
| Tank Cars | | | | | | |
| Domestic | 1,333 | 0 | 1,298 | 0 | 1,903 | 4,534 |
| Foreign | 0 | 0 | 0 | 0 | 0 | 0 |
| Trucks | | | | | | |
| Domestic | 3,703 | 4,624 | 22,131 | 19,468 | 7,867 | 57,793 |
| Foreign | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | |
| Domestic | 10,384 | 628,831 | 677,989 | 106,234 | 538,028 | 1,961,466 |
| Foreign | 539,433 | 572,238 | 1,963,988 | 95,313 | 426,869 | 3,597,841 |

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

Table 12. Fuel Consumed at Refineries by PAD District, 2006
(Thousand Barrels, Except Where Noted)

| Commodity | PAD | | | | | United States |
|-------------------------------------|--------|---------|---------|--------|---------|---------------|
| | I | II | III | IV | V | |
| Crude Oil | 0 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 329 | 567 | 277 | 15 | 1,468 | 2,656 |
| Distillate Fuel Oil | 23 | 45 | 111 | 0 | 255 | 434 |
| Residual Fuel Oil | 920 | 206 | 1 | 121 | 770 | 2,018 |
| Still Gas | 21,232 | 49,585 | 125,046 | 8,496 | 44,999 | 249,358 |
| Marketable Petroleum Coke | 0 | 0 | 194 | 154 | 110 | 458 |
| Catalyst Petroleum Coke | 11,033 | 16,502 | 45,395 | 2,664 | 14,440 | 90,034 |
| Natural Gas (million cubic feet) | 36,225 | 114,721 | 395,627 | 24,830 | 126,190 | 697,593 |
| Coal (thousand short tons) | 31 | 3 | 0 | 0 | 0 | 34 |
| Purchased Electricity (million kWh) | 3,576 | 10,488 | 18,612 | 1,704 | 4,973 | 39,353 |
| Purchased Steam (million pounds) | 5,716 | 7,298 | 38,999 | 757 | 17,999 | 70,769 |
| Other Products ^a | 54 | 1,961 | 1,971 | 142 | 2,199 | 6,327 |

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 2006

| 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 |
|-----------------------------|---------------|---|--|---------------|------------------------|---------------|
| ^c OTHER | | | | | | |
| PAD District III | | 0 | 34,982 | | | |
| Excel Paralubes | Westlake, LA | 0 | 34,982 | 09/96 | | |
| SHUTDOWN | | | | | | |
| PAD District III | | 5,800 | 0 | | | |
| Hunt Southland Refining Co | Lumberton, MS | 5,800 | 0 | 03/66 | 03/05 | 12/06 |
| Total U.S. Shutdowns | | 5,800 | 0 | | | |

^a bbl/cd=Barrels per calendar day.

^b bbl/sd=Barrels per stream day.

^c Excel Paralubes is a separate operation which manufactures lube oils and their precursors. Their downstream capacity was formerly reported as part of ConocoPhillips Westlake refinery's capacity. Excel Paralubes is a joint venture between ConocoPhillips and Flint Hills Resources each owning a 50 percent interest.

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

Table 14. Refinery Sales During 2006

| Former Corporation/Refiner | Total Atmospheric Crude Oil Distillation Capacity (bbl/cd) | New Corporation/Refiner | Date of Sale |
|--|--|---|--------------|
| Compagnie Nationale a Portefeuille/Astra Oil/Pasadena Refining Systems Inc. Pasadena, TX | 100,000 | ^a Petroleo Brasileiro, S.A. (Petrobras) | 9/06 |
| ConocoPhillips Wood River, IL Borger, TX | 306,000 146,000 | ^b WRB Refining LLC | 12/06 |
| Edgington Oil Co Long Beach, CA | 33,000 | Alon Israel Oil Co/ Alon USA Energy/Edgington Oil Co | 9/06 |
| Holly Corp/ Montana Refining Great Falls, MT | 9,500 | Connacher Oil & Gas/Montana Refining | 3/06 |
| Lyondell Chemical Co/Lyondell Citgo Refining Co LTD Houston, TX | 270,200 | Lyondell Chemical Co/Houston Refining LP | 8/06 |
| Paramount Petroleum Corp Paramount, CA Portland, OR | 50,000 0 | Alon Israel Oil Co/ Alon USA Energy/Paramount Petroleum Co | 8/06 |
| Time Oil Co/US Oil & Refining Tacoma, WA | 37,850 | Compagnie Nationale a Portefeuille/Astra Oil/US Oil & Refining | 3/06 |

a. Compagnie Nationale a Portefeuille/Astra Oil/Pasadena Refining Systems Inc. sold a 50 percent interest in this refinery to Petrobras.

b. The WRB partnership is between ConocoPhillips and EnCana Corporation in which each owns 50 percent of the partnership, but ConocoPhillips owns a disproportionate interest in the Borger refinery of 85 percent in 2007 and 65 percent in 2008.

Notes:

Somerset Oil Co sold its refinery to USA Energy Corp on April 9, 2007.

RoyalDutch/Shell Group's refinery in Wilmington, CA was sold to Tesoro Corp on May 11, 2007.

On May 31, 2007 Western Refining Inc. acquired Giant Industries Inc.

Bbl/cd=Barrels per calendar day, as of January 1, 2007.