



Petroleum Supply Monthly

February 2009

With Data for December 2008

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Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

This report is available on the World Wide Web at:

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Data Available Electronically

Data from the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and the *Petroleum Supply Annual* publications as well as data from other sources are available electronically on the Energy Information Administration's Web Site, and the Comprehensive Oil and Gas Information Source (COGIS). The schedule for data release is as follows:

| Publications/Sources | Information |
|--|--|
| Weekly Petroleum Status Report | |
| Wednesday 10:30 a.m. (Weekly) | Table 1 (U.S. Balance Sheet) and Data Log (Table 11 plus 4-week averages) |
| Wednesday 1:00 p.m. | Table H1 (Petroleum Supply Summary) 6th-12th (monthly) |
| Winter Fuels Heating Prices (October - March) | |
| Wednesday 1:00 p.m. (Weekly) | All tables and highlights |
| Propane Data | |
| Wednesday 1:00 p.m. (Weekly) | Table 7 Monthly and Weekly Figure 7 |
| Petroleum Supply Monthly | |
| 23rd-26th (monthly) | Table H1 (Petroleum Supply Summary) and all Summary Statistics and Detailed Statistics Tables |
| Petroleum Supply Annual | All tables and data bases |
| Oxygenate Data | |
| 23rd-26th (monthly) | Table D1 U.S. Summary |
| Imports Data | |
| 7th-10th (preliminary) | Import data by company from the Form EIA-814, "Monthly Imports Report" |
| 23rd-26th (final) | |
| COGIS= Comprehensive Oil and Gas Information Source | |
| WWW = World Wide Web (http://www.eia.doe.gov) | |

Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

Data presented in the *PSM* are divided into two sections: Summary Statistics and Detailed Statistics.

Summary Statistics

The tables and figures in the Summary Statistics section of the *PSM* present a time series of selected petroleum data on a U.S. level. Most time series include preliminary estimates for one month based on the Weekly Petroleum Supply Reporting System; statistics based on the most recent data from the Monthly Petroleum Supply Reporting System (MPSRS); and statistics published in prior issues of the *PSM* and *PSA*.

Detailed Statistics

The Detailed Statistics tables of the *PSM* present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (EIA-819 Monthly Oxygenate Report) - Preliminary information on production and stocks of fuel ethanol and methyl tertiary butyl ether (MTBE) by PAD District. Data are collected from a sample of respondents reporting on the MPSRS surveys. Data are also published in the *WPSR* and are available electronically when the *PSM* is published.
- Appendix E (Northeast Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery and oxygenate capacity surveys are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

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Accuracy of Petroleum Supply Data

by Tammy G. Heppner and Matthew M. Breslin

Overview

Petroleum supply data collected by the Petroleum Division (PD) in the Office of Oil and Gas (OOG) of the Energy Information Administration (EIA) showed an improvement in the accuracy of the 2007 data from initial estimates, to interim values, to final values. These data were presented in a series of PD products: the *Weekly Petroleum Status Report* (WPSR), *This Week in Petroleum* (TWIP), the *Petroleum Supply Monthly* (PSM), and the *Petroleum Supply Annual* (PSA). Weekly estimates in the WPSR and TWIP were the first values available.

Figure FE1 depicts EIA's data to reflect an event in the recent Olympic Games. The monthly-from-weekly (MFW) comes in third with the bronze medal, the PSM receives the silver medal, but the PSA data come home with the gold medal regarding data accuracy. For the MFW data, respondents have the shortest reporting time, analysts have the shortest review time, and the data are least accurate. For the PSM data, respondents have a longer reporting time than the weekly, analysts have a longer review time, and the data are more accurate. For the PSA data, respondents have the longest reporting time, analysts have the longest review time, and the data are the most accurate, hence the gold medal.

For 2007, 66 petroleum supply data series were analyzed to determine how close the PSM values were to the final PSA values. For these series, 50 out of the 66 PSM values were within 1 percent of the PSA values in terms of mean absolute percent error as compared to 38 out of 66 in 2006. Sixty-two petroleum supply data series were analyzed to see how close the MFW estimates were to the final PSA values. For these 62 series, 22 MFW estimates were within 2 percent of the PSA values in terms of mean absolute percent error and, of those, 9 were within 1 percent, compared to 27 and 10, respectively, for 2006.

Two major factors that contribute to the PSM values being more accurate than the MFW estimates are: (1) the greater length of time between the close of the reference period and the publication date of the PSM; and, (2) most MFW values (weekly data converted to a monthly value) are based on company's operational records whereas PSM values are generally extracted from company's accounting systems, the latter being more accurate. The greater length of time allows more in-depth review of the data by the respondents and EIA. Within 2 months of the close of a reference month, interim values are published in the PSM. The weekly data are available more quickly. The WPSR and TWIP are available 5 days after the close of the reference week (excluding holiday weeks). About 6 months after the

Figure FE1. The PSA TAKES THE GOLD for having the most complete and accurate data!!



end of the reference year final monthly values, reflecting resubmissions, are published in the *PSA*.

Historically, the *WPSR* and the *PSM* provided volumes of crude oil and petroleum products data at relatively increasing levels of accuracy. This article provides petroleum analysts with a measure of the degree to which, on average, estimates and interim values vary from their final values.

The Petroleum Supply Reporting System

The 16 surveys in the Petroleum Supply Reporting System (PSRS) track the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. To maintain a database with historically accurate observations and current estimates from the petroleum industry, EIA administers three survey series: weekly, monthly, and annual.

The PSRS is organized into two data collection subsystems, the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes data from the six weekly surveys. The MPSRS includes nine monthly surveys and one annual survey.

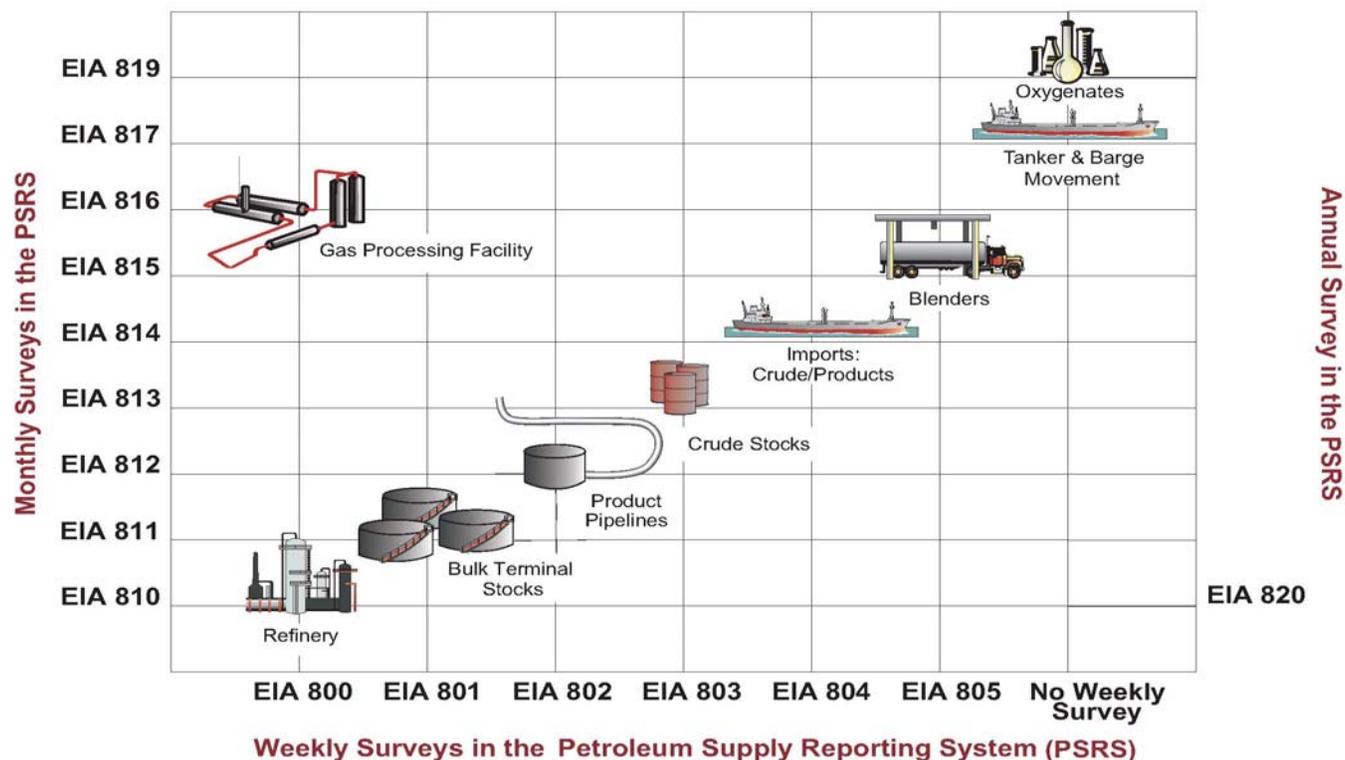
Figure FE2 displays the petroleum supply and distribution system and indicates the points at which petroleum supply data are collected. Both weekly and monthly surveys are administered at six key points along the petroleum production and supply path: (1) refineries, (2) bulk terminals, (3) product pipelines, (4) crude oil stock holders, (5) importers, and (6) blenders.

Annual U.S. refinery capacity data are collected on the Form EIA-820, "Annual Refinery Report." Beginning in 2006, these data are published in the *Refinery Capacity Report* as a separate product from the *PSA*.

The Weekly Petroleum Supply Reporting System

The WPSRS contains the data collected from the six weekly surveys. Each weekly survey is distributed to a sample of the corresponding monthly surveys. In Figure FE2, the icons represent the target population of the monthly and weekly surveys of the PSRS. For example, the target population for the survey Forms EIA-801 and EIA-811 is bulk terminals. Thus, the respondents to the Form EIA-801 are a sample of the respondents who report on Form EIA-811. For the weekly surveys, EIA aims for a minimum 90 percent multi-attribute-cutoff sample from the respondents to the corresponding monthly survey. In choosing the sample for

Figure FE2. Petroleum Supply Reporting System: Surveys and Subsystems



Source: Energy Information Administration, Petroleum Supply Reporting System.

each product, companies are ranked in descending order by volume. Respondents are chosen in order, down the list until the sample includes those companies contributing at least 90 percent of a variable's total volume. For example, for distillate fuel oil stocks, the weekly sample includes those respondents whose combined volumes of stocks for distillate fuel oil from refineries, bulk terminals, and pipelines constitute at least 90 percent of the total volume of distillate fuel oil stocks as reported in the corresponding monthly surveys.

These surveys enable EIA to provide timely, relatively accurate snapshots of the U.S. petroleum industry every week. The weekly surveys collect information on the supply and disposition of selected petroleum products and crude oil. The reference period for each weekly survey begins at 7:01 a.m. each Friday and ends at 7:00 a.m. the following Friday. Respondents report their data via telephone, fax, electronic spreadsheets (through email or secure file transfer), or EIA's electronic data collection software package, the Personal Computer Electronic Data Reporting Option (PEDRO). All respondents must submit their data by 5:00 p.m. on the Monday following the end of the reference period. During the next 2 working days, quality control procedures are executed. Cell values determined to be unusual or inconsistent with other cell values are flagged. The validity of the value of each flagged cell is investigated. Some flagged values are verified by the respondent to be correct; other flagged cells are corrected; and the remaining flagged values are referred to as unresolved. Nonrespondent and unresolved flagged data are imputed using an exponentially-smoothed mean of the respondent's historical data.

Within 5 days of the close of the reference week, weekly data are made available to the public on the EIA's internet web site (<http://www.eia.doe.gov>) through the *WPSR* and *TWIP*. Since 2002, *TWIP* has provided analysis, data, and charts of the latest weekly petroleum supply and price data. Except when holidays delay data processing schedules, weekly data are available via the internet after 10:35 a.m. Eastern Time on the Wednesday following the close of the reference week. *TWIP* is generally available after 1:00 p.m. on Wednesdays at [twip.html](http://www.eia.doe.gov/twip.html). Additionally, MFW values are published in the *WPSR* on the Wednesday following the first Friday of each month.

The Monthly Petroleum Supply Reporting System

The reference period for the monthly surveys starts on the first day of the month at 12:01 a.m. and ends on the last day of the month at midnight. The deadline for filing monthly surveys is the 20th calendar day following the end of the report month. Data are reported via telephone, fax, electronic spreadsheets (through email or secure file transfer), or PEDRO.

During the period of data editing, either the respondent or EIA staff may identify an error. If the respondent discovers an error, the EIA representative for a particular survey is notified and the value is corrected. If EIA's edits diagnose an unusual value, an EIA representative will determine if the value is correct or incorrect by calling the company and/or reviewing historical data.

Within 60 days of the close of the reference month, all of the interim monthly data are published in the *PSM* on the Internet at: [psm.html](http://www.eia.doe.gov/psm.html). Additionally, preliminary company-level imports data are released electronically between the 7th and 10th of each month.

Throughout the year, EIA accepts data revisions of monthly data. If a revision is made after the *PSM* has been published, it is referred to as a resubmission. Generally, within 6 months of the end of the calendar year, the final monthly values for the previous year are published in the *PSA*, but may be delayed to ensure accuracy of the data. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measures of petroleum supply activity.

Factors Affecting Data Accuracy

Maintaining an accurate database is a major goal of EIA. The quality of the data drives the quality of all qualitative and quantitative analyses conducted using these data. Accuracy and timeliness are primary attributes of high quality data. Accuracy of survey data is measured as the closeness of the published values to the true values (i.e., those values that would be obtained if the entire target population had been surveyed and all the data had been precisely recorded).

Respondents to the monthly surveys have more time to file than the weekly respondents, enabling them to collect, review, and revise their data more carefully than the weekly respondents. Additionally, EIA has more time to edit the monthly data. Also, some weekly respondents report estimates while many monthly respondents extract actual data from accounting systems. Thus, the monthly data are typically more accurate.

Some sources of error, such as nonresponse, are not totally preventable. Other errors, such as sampling errors, are unique to a particular type of survey. One situation where sampling error occurs is if the group of sampled respondents is dissimilar to the full population. Within the PSRS, only weekly surveys are at risk of having sampling errors. However, all surveys in the PSRS are at risk for nonsampling errors, such as: (1) insufficient coverage of respondents (the survey frame does not include all members of the target population); (2) nonresponse; (3) response error; and (4) errors due to lack of survey clarity. A detailed

Table FE1. Average Coverage for Weekly Surveys, 2007 and 2006
(Percent of Final Monthly Volumes Included in Monthly-from-Weekly Sample)

| Product | Stocks | | | | | | Production | | Imports | |
|----------------------|----------|------|---------------|------|----------|------|------------|------|---------|------|
| | Refinery | | Bulk Terminal | | Pipeline | | 2007 | 2006 | 2007 | 2006 |
| | 2007 | 2006 | 2007 | 2006 | 2007 | 2006 | | | | |
| Total Motor Gasoline | 98 | 98 | 93 | 94 | 97 | 97 | 98 | 94 | 95 | 95 |
| Jet Fuel | 97 | 97 | 95 | 96 | 100 | 99 | 98 | 98 | 93 | 94 |
| Distillate Fuel Oil | 96 | 96 | 90 | 91 | 98 | 98 | 97 | 97 | 95 | 95 |
| Residual Fuel Oil | 95 | 94 | 94 | 95 | — | — | 92 | 92 | 76 | 81 |
| Crude Oil | 96 | 97 | — | — | — | — | — | — | 97 | 96 |

-- = Not Applicable.

Source: Energy Information Administration, Petroleum Supply Reporting System.

discussion of factors influencing data accuracy and how they are minimized in the PSRS follows.

Samples and Sampling Error

A sample is a subset of a universe identifying members of a target population. The weekly surveys are administered to samples of the monthly populations to reduce respondent burden and to expedite the turnaround of data from survey respondents to the public. As with any sample, the values obtained are different from those obtained if the full universe had been surveyed. Sampling error is the difference between a sample estimate and a population value.

There are six samples, one for each weekly petroleum supply survey, in the WPSRS. For these surveys, the sampling error is minimized by using a minimum 90-percent multi-attribute-cutoff sample from the corresponding monthly survey's frame. At the end of each month, updates are made to the samples and survey frames if a 90-percent coverage was not obtained and to account for births/deaths of companies. Coverage may be over 90 percent since companies report all of their data even though they were added to the sample based on a specific product or region or to achieve a higher level of accuracy.

For the weekly surveys, better coverage will most likely reduce sampling error. As shown in Table FE1, 2007 coverage was comparable to 2006. Of the 21 product and supply type combinations, 19 had coverage above 90 percent in 2007. For 13 of the 21 combinations, 2007 coverage decreased from 2006. Refinery finished motor gasoline production had the largest percentage increase from 2006 to 2007, increasing by 4.0 percent. The largest percentage decrease from 2006 to 2007 was for residual fuel oil imports, decreasing by 5.1 percent. Tabulations were done before rounding of the coverage values. Total motor gasoline production percentages include production from blenders in addition to refiners.

Nonsampling Error

Unlike sampling errors, all survey data, even those from a census survey, are at risk of incurring nonsampling errors. There are two categories of nonsampling errors, random and systematic. With random error, on average, and over time, values will be overestimated by the same amount they are underestimated. Therefore, over time, random errors do not bias the data, but they will give an inaccurate portrayal at any point in time. On the other hand, systematic error is a source of bias in the data, since these patterns of errors are made repeatedly. The following is a discussion of how the four most frequently occurring types of nonsampling error are minimized within the PSRS.

Frame Updates

The list of all companies identified as members of the target population is called a frame. If members of the target population are not included in the frame, there is an undercount of the aggregate data. To diminish the chance of undercounting, the PSRS frames are continually updated. New companies are identified through continual review of petroleum industry periodicals, the Internet, newspaper articles, and correspondence from respondents.

Maintaining a Low Nonresponse

Survey respondents are required by law to report to EIA (see Explanatory Note 6 of the PSM for a description of action for chronic nonresponse). The 2007 response rates for the weekly surveys and their corresponding monthly surveys are enumerated in Table FE2. Similar to the 2006 response rates, the 2007 response rates for the weekly and monthly surveys were comparable.

To mitigate the effect of nonresponse, imputed values are calculated for all nonreported values. Weekly imputed values are the exponentially smoothed mean of that respondent's historical values for that variable. Monthly imputed values are the previous month's values for the

Table FE2. Average Response Rates for Monthly and Weekly Surveys, 2007

| Survey Site | Respondents to Monthly Surveys | | | Respondents to Weekly Surveys | | |
|------------------|--------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|
| | Average Universe Size | Average Number of Respondents | Percent ¹ | Average Weekly Sample Size | Average Number of Respondents | Percent ² |
| Refinery | 153 | 153 | 99.8 | 129 | 122 | 94.3 |
| Bulk Terminal | 220 | 220 | 99.9 | 90 | 85 | 94.8 |
| Pipeline | 75 | 75 | 100.0 | 45 | 44 | 96.8 |
| Crude Oil Stocks | 133 | 133 | 99.8 | 53 | 52 | 98.5 |
| Importer | 318 | 310 | 97.4 | 74 | 71 | 96.5 |
| Blender | 415 | 415 | 99.9 | 254 | 248 | 97.7 |

¹ The average response rates for monthly surveys are calculated by summing the individual monthly response rates and dividing by 12.

² The average response rates for weekly surveys are calculated by summing the individual weekly response rates and dividing by 52.

Note: Percents are calculated before rounding.

Source: Energy Information Administration, Petroleum Supply Reporting System.

particular respondent and variable. For imports, however, there is a great deal of fluctuation from one reference period to another, with respondents frequently having no imports of a particular product. As a result, the data for nonreported cells or incomplete reports are imputed based on contacts with the company and information from the U.S. Customs and Border Protection. Imputed values for monthly company-level imports are not published but are included in aggregate data.

Reducing Response Error

Improvements to the PSRS system are continuously being made to reduce response error. To satisfy customer needs and meet the particular requirements of some respondents, computerized spreadsheets that resemble the actual survey forms have been developed, and are available for respondent reporting. Another improvement has been the increased participation in the PEDRO system, which permits all weekly and monthly survey data, to be submitted to EIA electronically. A respondent entering values via PEDRO may execute edit routines prior to transmission of the survey responses. These routines include consistency and outlier (extreme value) checks of the data. Unusual or nonreported cells are flagged and, prior to transmission of the data, a representative of the company is able to review and verify or correct data in the flagged cells.

Even with sophisticated edit checks, response error (the difference between the reported value and the actual value) remains the most likely cause of data inaccuracy. The weekly surveys are more susceptible to response error since some of their values are estimates or based on operational records. Many monthly respondents abstract their monthly data from accounting systems and thus are generally more accurate.

Maintaining accurate accounting records, however, does not ensure against response error. For example, numbers can be transposed within the correct cell; an otherwise correct value may be entered in the wrong cell; a respondent may misinterpret the intent of a question; or the wrong units may be used.

Survey Clarity

The terms, layout, and definitions on all survey forms are periodically reviewed for completeness, clarity, and consistency across surveys. At regular intervals, survey intent, as well as what data are collected, are subject to industry and government review. To the extent possible, industry changes in terminology and practice are incorporated into the PSRS on an ongoing basis to ensure survey clarity.

Data Assessment

Each of the variables included in these analyses is of current and historical interest. Of the 66 variables for which both *PSM* and *PSA* values were published, only 62 of them were published weekly throughout 2007. For each variable, six measures of accuracy were calculated to compare the differences between the MFW and *PSM* values relative to the *PSA* values.

- **Error** is the difference between the estimate (MFW) or interim (*PSM*) value and the final (*PSA*) value for a given month. For inputs, production, stock change, imports, exports, and product supplied, values are expressed in units of thousands of barrels per day. For stocks, values are expressed in units of thousands of barrels.

$$\text{MFW Error} = \text{MFW Volume} - \text{PSA Volume}$$

$$\text{PSM Error} = \text{PSM Volume} - \text{PSA Volume}$$

- **Percent Error** is the error for a given month divided by the final value for a given month, and multiplied by 100.

$$\text{MFW Percent Error} = \text{MFW Error} / \text{PSA Volume} \times 100$$

$$\text{PSM Percent Error} = \text{PSM Error} / \text{PSA Volume} \times 100$$

- **Mean absolute error** is the weighted average over the 12 months of the year of the absolute values of the errors for each month. The mean absolute error measures the average magnitude of the revisions that took place over a year. Outliers increase the mean absolute error. The number of days in the month is used for weighting all product categories except stocks. Stocks are weighted equally for each of the 12 months.
- **Mean Absolute Percent Error** is the weighted average over the 12 months of the year of the absolute values of the percent errors. It provides a measure of the average magnitude of the revisions relative to final values. The mean absolute percent error has an inverse relationship with data accuracy; i.e. the smaller the absolute error, the closer the interim data are to the final data; conversely, the larger the mean absolute percent error, the greater the difference in the interim value and the final value. Outliers inflate the mean absolute percent error.
- **Range** is the difference between the smallest and the largest percent errors. The range shows the dispersion of the percent differences between interim and final values.
- **Median** of the percent errors is the point at which half the values are higher and half are lower. Unlike the mean, the median is not affected by an outlier. In these analyses, each distribution has 12 observations. The median is the average of the sixth and seventh ordered observations.

The average final absolute volumes and the mean absolute percent error for MFW estimates and *PSM* interim values for 2007 and 2006 are presented in Table FE3. The average final absolute volumes are presented to give the reader an idea of the magnitude of these volumes. Variables with very small volumes are prone to larger percent changes because a modest volume change is being compared to a small final volume. The mean absolute error and the size of the volumes involved must both be included in the interpretation of data accuracy.

The 2007 MFW mean absolute percent errors which were within 2 percent of their respective *PSA* values (23 of the 62 MFW series), and the 2007 *PSM* mean absolute percent errors which were within 1 percent of their *PSA* values (50 of the 66 *PSM* series), are distinguished by a single asterisk, compared to 27 and 38, respectively, for 2006. Mean absolute percent errors that were greater than 10 percent are marked by a double asterisk. There were 13 such MFW series and 4 *PSM* series, compared to 19 and 6, respectively, for 2006.

For 2007, 7 of the 12 weekly production series increased in mean absolute percent error from 2006. Eleven of the 14 production series have a single asterisk in the *PSM* column, indicating a mean absolute percent error of less than 1 percent from the *PSA*. Furthermore, 11 of the 14 *PSM* production series in 2007 decreased in mean absolute percent error from 2006.

The single asterisks in Table FE3 by the stock series show that, as in prior years, the stock values for both MFW estimates and *PSM* interim values are very close to the final *PSA* values. Fuel ethanol and methyl tertiary butyl ether (MTBE) stocks are not collected weekly, but are collected on the Form EIA-819, "Monthly Oxygenate Report." Eleven of the 17 weekly stock series increased in mean absolute percent error. Additionally, 9 of the 19 monthly stock series for 2007 increased or stayed the same in mean absolute percent error from 2006.

Stock change is the difference between stocks at the beginning of the month and stocks at the end of the month. Since the monthly change in stock levels is small compared to the stock levels themselves, a large percent error in stock change can occur even when the percent errors in stock levels are small.

Crude oil stock change is one of the components in the calculation of unaccounted for crude oil (calculated disposition minus calculated supply of crude oil). For both the MFW and the *PSM* numbers, the volume of the unaccounted for crude oil may be increased by a combination of factors including an understatement of imports, an overstatement of exports, an understatement of crude oil production, an understatement of stock withdrawals, and an overstatement of crude oil inputs. The overstatement of crude oil inputs can be caused by injections along crude oil pipelines of natural gas liquids. When refiners receive this mixture, they process it as crude oil. As seen in Table FE3, the production, imports, and refinery inputs of crude oil have a small mean absolute percent error relative to crude oil stock change.

For petroleum products, stock change is a component in the calculation of product supplied (representing the consumption of petroleum products). Unlike the other variables, stock change values can be negative. Stock change thus has an added dimension by which to evaluate accuracy; this is the correctness of the direction of the change. Table FE4 provides a measure of accuracy of the direction of MFW and *PSM* stock change values for 2007 and 2006. Contrary to 2006, the direction of the total stock change in the MFW values during 2007 differed once from the *PSA* values, while the direction of the *PSM* values remained the same as the *PSA* values throughout the year. The number of months that the 2007 MFW and *PSM* crude stock change values differed in direction from the *PSA* values decreased from 2006. For the 2007 MFW and *PSM* refined products stock change values, the number of months that the direction differed from the *PSA* values stayed the same as 2006.

For imports, one reason for the large mean absolute percent errors in the MFW values is that shipments do not always arrive during the week in which they were expected. This has a greater impact when the end of the month occurs in

Table FE3. Summary Statistics for Differences Between Interim and Final Data, 2007 and 2006

| Variable | PSA Average Absolute Volumes | | Monthly-from-Weekly Mean Absolute Percent Error | | PSM Mean Absolute Percent Error | |
|--|------------------------------------|-----------|---|--------|---------------------------------------|--------|
| | 2007 | 2006 | 2007 | 2006 | 2007 | 2006 |
| Crude Oil Production (thousand barrels/day) | 5,064 | 5,102 | 2.13 | 1.51 | * 0.81 | 1.36 |
| Refinery Operations | | | | | | |
| Refinery Crude Oil Inputs (thousand barrels/day) | 15,156 | 15,242 | * 0.60 | 0.44 | * 0.06 | 0.05 |
| Operating Utilization Rate (percent) | 89 | 90 | 2.23 | 2.95 | * 0.03 | 0.14 |
| Production (thousand barrels/day) | | | | | | |
| Total Production | 20,391 | 20,209 | — | — | * 0.27 | 0.34 |
| Refinery Production | 17,994 | 17,975 | 8.33 | 1.57 | * 0.18 | 0.40 |
| Finished Motor Gasoline..... | 8,987 | 8,865 | * 1.01 | 1.15 | * 0.17 | 0.24 |
| Reformulated Motor Gasoline | 3,107 | 3,014 | 2.58 | 2.61 | * 0.42 | 0.52 |
| Conventional Motor Gasoline..... | 5,880 | 5,851 | * 1.78 | 1.53 | * 0.30 | 0.12 |
| Jet Fuel..... | 1,448 | 1,481 | * 1.73 | 1.01 | * 0.02 | 0.03 |
| Distillate Fuel Oil..... | 4,133 | 4,040 | * 1.15 | 1.87 | * 0.13 | 0.31 |
| Ultra Low Sulfur Distillate Fuel Oil | 2,841 | 1,522 | * 0.41 | 22.28 | * 0.33 | 14.91 |
| Low Sulfur Distillate Fuel Oil | 642 | 1,577 | 3.41 | 3.21 | 1.94 | 2.28 |
| High Sulfur Distillate Fuel Oil | 650 | 941 | 6.49 | 3.30 | 1.22 | 0.43 |
| Residual Fuel Oil | 673 | 635 | 2.40 | 3.03 | * 0.42 | 0.16 |
| Other Products | 5,151 | 5,187 | — | — | 1.03 | 1.21 |
| Propane | 1,069 | 1,044 | 2.43 | 2.03 | * 0.17 | 0.26 |
| Other Products Refinery Production | 3,383 | 3,455 | ** 41.31 | 15.48 | * 0.38 | 0.75 |
| Stocks (thousand barrels) | | | | | | |
| Total Stocks..... | 1,703,616 | 1,733,336 | * 0.48 | 0.39 | * 0.14 | 0.10 |
| Total Stocks, excluding SPR | 1,012,298 | 1,046,006 | * 0.81 | 0.64 | * 0.24 | 0.17 |
| Total Crude Stocks | 1,014,951 | 1,022,069 | * 0.47 | 0.38 | * 0.20 | 0.10 |
| Crude Oil Stocks, excluding SPR | 323,632 | 334,740 | * 1.48 | 1.13 | * 0.62 | 0.31 |
| SPR Stocks | 691,319 | 687,329 | * 0.01 | 0.02 | * 0.00 | 0.00 |
| Refined Products Stocks | 688,665 | 711,267 | * 1.23 | 0.79 | * 0.23 | 0.32 |
| Total Motor Gasoline Stocks | 205,837 | 211,521 | * 1.54 | 0.95 | * 0.50 | 0.65 |
| Reformulated Motor Gasoline Stocks | 1,575 | 7,147 | ** 18.58 | 8.26 | 8.28 | 1.48 |
| Conventional Motor Gasoline Stocks..... | 111,582 | 114,348 | * 3.71 | 1.56 | * 0.55 | 0.59 |
| Jet Fuel Stocks | 40,667 | 40,781 | * 1.49 | 1.54 | * 0.06 | 0.90 |
| Distillate Fuel Oil Stocks..... | 129,651 | 135,415 | * 1.87 | 2.65 | * 0.35 | 0.29 |
| Ultra Low Sulfur Distillate Fuel Oil Stocks..... | 64,723 | 28,311 | * 1.72 | 9.27 | * 0.30 | 3.19 |
| Low Sulfur Distillate Fuel Oil Stocks | 23,920 | 50,214 | 3.46 | 4.08 | * 0.54 | 2.50 |
| High Sulfur Distillate Fuel Oil Stocks | 41,007 | 56,890 | 2.45 | 4.97 | * 0.95 | 2.10 |
| Residual Fuel Oil Stocks | 38,234 | 41,877 | * 1.72 | 1.36 | * 0.33 | 1.57 |
| Other Products Stocks..... | 274,277 | 281,672 | 2.46 | 1.17 | * 0.11 | 0.12 |
| Propane Stocks..... | 45,748 | 53,138 | 2.11 | 1.27 | * 0.27 | 0.11 |
| Fuel Ethanol Stocks | 9,878 | 8,309 | — | — | * 0.98 | 0.71 |
| Methyl Tertiary Butyl Ether Stocks | 1,572 | 1,995 | — | — | * 0.00 | 2.98 |
| Stock Change (thousand barrels/day) | | | | | | |
| Total Stocks Change | 556 | 569 | ** 80.19 | 52.07 | ** 23.07 | 11.20 |
| Crude Stock Change | 323 | 229 | ** 175.87 | 295.60 | ** 82.35 | 127.01 |
| Refined Products Stock Change | 418 | 568 | ** 114.26 | 57.32 | ** 21.06 | 12.80 |
| Imports (thousand barrels/day) | | | | | | |
| Total Imports | 13,468 | 13,707 | 2.13 | 1.55 | * 0.29 | 0.70 |
| Total Crude Imports..... | 10,031 | 10,118 | 2.15 | 0.86 | * 0.25 | 0.45 |
| Crude Oil Imports, excluding SPR..... | 10,024 | 10,110 | 2.10 | 0.89 | * 0.25 | 0.48 |
| SPR Imports | 0 | 8 | * 0.00 | 32.88 | * 0.00 | 11.82 |
| Refined Products Imports | 3,437 | 3,589 | 4.08 | 4.48 | * 0.75 | 2.00 |
| Finished Motor Gasoline Imports..... | 413 | 475 | ** 15.01 | 11.15 | 1.62 | 0.56 |
| Reformulated Motor Gasoline Imports | 0 | 53 | * 0.00 | 9.02 | * 0.00 | 0.32 |
| Conventional Motor Gasoline Imports..... | 413 | 422 | ** 15.01 | 12.60 | 1.62 | 0.57 |
| Jet Fuel Imports..... | 216 | 186 | 9.73 | 10.96 | * 0.00 | 7.58 |

(Continued)

Table FE3. Summary Statistics for Differences Between Interim and Final Data, 2007 and 2006 (Continued)

| Variable | PSA Average Absolute Volumes | | Monthly-from-Weekly Mean Absolute Percent Error | | PSM Mean Absolute Percent Error | |
|---|------------------------------------|--------|---|-------|---------------------------------------|-------|
| | 2007 | 2006 | 2007 | 2006 | 2007 | 2006 |
| Distillate Fuel Oil Imports..... | 304 | 65 | 9.16 | 12.26 | * 0.98 | 1.61 |
| Ultra Low Sulfur Distillate Fuel Oil Imports..... | 175 | 112 | 6.01 | 28.84 | 2.29 | 0.96 |
| Low Sulfur Distillate Fuel Oil Imports..... | 13 | 77 | ** 121.35 | 30.21 | ** 19.97 | 15.01 |
| High Sulfur Distillate Fuel Oil Imports..... | 117 | 176 | ** 21.20 | 20.88 | * 0.07 | 1.30 |
| Residual Fuel Oil Imports..... | 372 | 350 | ** 10.77 | 18.29 | * 0.62 | 2.29 |
| Other Products Imports..... | 2,132 | 2,214 | 4.49 | 8.69 | * 0.79 | 2.60 |
| Propane Imports..... | 182 | 228 | 7.11 | 15.06 | 4.50 | 5.79 |
| Exports (thousand barrels/day) | | | | | | |
| Total Exports..... | 1,433 | 1,316 | ** 13.72 | 14.07 | 2.79 | 1.28 |
| Crude Oil Exports | 27 | 25 | ** 46.42 | 29.62 | * 0.00 | 0.00 |
| Refined Products Exports..... | 1,405 | 1,292 | ** 13.66 | 14.15 | 2.84 | 1.30 |
| Total Net Imports (thousand barrels/day)..... | 12,036 | 12,390 | 3.12 | 1.50 | * 0.56 | 0.89 |
| Products Supplied (thousand barrels/day) | | | | | | |
| Total Products Supplied..... | 20,680 | 20,687 | * 1.33 | 1.13 | * 0.25 | 0.56 |
| Finished Motor Gasoline Supplied..... | 9,286 | 9,252 | * 0.80 | 0.42 | * 0.13 | 0.44 |
| Jet Fuel Supplied..... | 1,622 | 1,633 | 2.08 | 1.64 | * 0.12 | 1.67 |
| Distillate Fuel Oil Supplied..... | 4,196 | 4,169 | 2.26 | 1.81 | * 0.92 | 0.56 |
| Residual Fuel Oil Supplied | 723 | 689 | 9.22 | 13.30 | 1.96 | 2.57 |
| Other Products Supplied..... | 4,853 | 4,944 | * 1.96 | 3.12 | * 0.53 | 1.34 |
| Propane Supplied | 1,235 | 1,215 | 3.38 | 5.31 | * 0.61 | 1.32 |

— = Not Applicable.

* = For MFW values, mean absolute percent error less than or equal to 2; for PSM values, mean absolute percent error less than or equal to 1.

** = Mean absolute percent error greater than or equal to 10.

SPR = Strategic Petroleum Reserve

Notes: Error is the difference between Monthly-from-Weekly estimates or interim monthly data published in the *Weekly Petroleum Status Report* or *Petroleum Supply Monthly* and the final value as published in the *Petroleum Supply Annual*. Percent error is the error multiplied by 100 and divided by the final published value. Mean absolute error is the weighted average of the absolute errors. Mean absolute percent error is the weighted average of the absolute percent errors. The number of days in the month is used for weighting all product categories except stocks. Stocks are weighted equally for each of the 12 months. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Petroleum Supply Reporting System.

the middle of the week. Of the 16 import series, both the MFW and PSM show a decrease in mean absolute percent error for 9 series (Table FE3) from 2006 to 2007.

With the exception of refinery receipts in the U.S. Territories, EIA does not collect export data. They are gathered by the U.S. Census Bureau and delivered to the EIA on a monthly basis approximately 7 weeks after the close of the reporting month. The weekly estimates for exports are projections based on past monthly data. Because the export data are highly variable, it is difficult to obtain estimates of comparable quality to domestic estimates.

Products supplied is the calculation of field production, plus refinery production, plus imports, plus unaccounted for crude oil, minus stock change, minus crude oil losses, minus refinery inputs, minus exports. Therefore, the accuracy of products supplied is affected by all individual components.

Table FE4. Number of Months in which the Direction of Non-Final Stock Change Values Differed From PSA

| Stock Change | Number of Months | |
|--------------------------------------|------------------|------|
| | 2007 | 2006 |
| Total Stock Change | | |
| MFW and PSA Values..... | 1 | 0 |
| PSM and PSA Values | 0 | 0 |
| Crude Stock Change | | |
| MFW and PSA Values..... | 1 | 3 |
| PSM and PSA Values | 0 | 1 |
| Refined Products Stock Change | | |
| MFW and PSA Values | 3 | 3 |
| PSM and PSA Values | 0 | 0 |

Source: Energy Information Administration, Petroleum Supply Reporting System

Box and Whisker Plots

Example 1 in the shaded box titled “Structure of Box and Whisker Plots,” is a simplified illustration of the box and whisker plots that follow. The box and whisker plots map the 5-year trends in historical accuracy of weekly estimates and monthly interim values. The details provided by the box and whisker plots include: historical trends, the range of monthly percent errors, direction of the error (i.e., overestimation or underestimation), and the identification of unusual values or outliers.

Each box and whisker plot is placed on a graph, where the horizontal axis represents the year and the vertical axis represents the percent error. The center of the vertical axis for all the box and whisker plots is zero percent error. For each variable studied, a pair of charts, each containing five box and whisker plots (one for each year, from 2003 through 2007), are presented side-by-side; the chart on the left contains the percent errors for the MFW estimates, and the chart on the right contains the percent errors for the *PSM* values. To facilitate the comparison of MFW percent errors and the *PSM* percent errors, the corresponding plots have the same scale.

The position of the box along the vertical-axis denotes whether the MFW or *PSM* values are predominantly overestimates or underestimates of the *PSA* values. For example, if the majority of the MFW values were overestimates, more than half of the box would be above the zero percent error line while the opposite is true for underestimates.

The outliers, represented by an asterisk, are usually the result of resubmissions sent in throughout the year by respondents due to misreporting or reporting problems after quality control checks by the EIA.

Crude Oil Production and Crude Oil Inputs

Crude oil production data are not collected through any of EIA's surveys. EIA's Dallas Field Office assembles data collected from State agencies responsible for measuring crude oil production. Based on historical trends and/or data reported on Form EIA-182, “Domestic Crude Oil First Purchase Report,” EIA estimates weekly and monthly production. Final estimates based on revised Form EIA-182 data, State government agencies, and the U.S. Department of Interior's Minerals Management Service data are published in the *PSA*.

Figure FE3 presents errors of MFW and *PSM* values relative to *PSA* values for crude oil production and crude oil inputs. In 2007, the median of 1.86 percent for the MFW crude oil production percent errors was the highest in the 5-year period. The *PSM* interim values stayed very close to the final *PSA* values throughout 2007 indicating that there were few changes made to the *PSA* production numbers after the *PSM* was released. The 2007 range of 2.13 for the *PSM* percent errors was the smallest range in the 5-year period.

In 2007, the trend continued for the MFW estimates for refinery crude oil inputs to overestimate the final *PSA* values. However, the 2007 *PSM* percent errors were mostly negative which shows a slight underestimation of the *PSA*. The median of the 2007 MFW percent errors was at its highest level in 5 years with a value of 0.54 percent. The range of 1.76 was the smallest range of all other MFW plots analyzed in 2007. As in prior years, the 2007 *PSM* refinery crude oil inputs were extremely close to the final *PSA* values, with a range of 0.22, which is the lowest it has been since 2003. There were two outliers to be noted in this data series (-0.19 and 0.03 percent in January and March, respectively).

Product Production

PSM interim values for production of each of the four major petroleum products continued to be better estimates than their comparable MFW estimates. Figures FE4 and FE5 contain the box and whisker plots for motor gasoline, distillate fuel oil production, residual fuel oil, and jet fuel production.

The range of the MFW motor gasoline production percent errors was 4.29 for 2007 and is displayed in Figure FE4. Two-thirds of the MFW values overestimated the final *PSA* values in 2007, while the *PSM* interim values underestimated the *PSA* values 5 of the 12 months. The 2007 range (0.71) of the *PSM* percent errors, ranging from -0.40 to 0.31 percent, was the smallest range over the past 5 years.

The 2007 range (4.62) of the MFW percent errors for distillate fuel oil production improved from the range in 2006 (6.49). Similarly, the range (0.55) for the *PSM* percent errors in 2007 improved from the previous 5 year high of the 2006 range, which was 2.83.

Figure FE5 shows the box and whisker plots for residual fuel oil production and jet fuel production. Most of the 2007 MFW estimates for residual fuel oil production underestimated the final *PSA* values. The 2007 range of the MFW percent errors, ranging between -5.16 and 3.86 percent, was 9.02. Most of the 2007 *PSM* residual fuel oil interim values underestimated the final *PSA* values. There was an outlier in December 2007 (-3.40).

For jet fuel production, the 2007 range (5.27) of MFW percent errors, ranging from -3.48 to 1.79 percent, was the largest range over the past 5 years. September 2007 (-3.48) was the largest percent error for the 60 months in the study. The median of -1.72 percent was the lowest it has been over the same time period. There were only two revisions (February and March) for the *PSM* interim values for jet fuel production and both (0.14) were considered outliers for the data series.

Structure of Box and Whisker Plots

All box and whisker plots discussed in this article are the visual presentation of a variable's distribution of 12 values of percent errors for either MFW or PSM values relative to PSA values for a given year. In general, box and whisker plots group data, ordered from smallest to largest, into four areas of equal frequency, quartiles, and show the range and dispersion of data within the quartiles. Sometimes the values of quartiles must be interpolated, i.e., if there are two values that meet the criteria of a quartile, then the average of the two must be taken. Presented below is a discussion of components of box and whisker plots and how they apply to the 12-value distribution illustrated in Example 1: -35, -20, -11, -9, 0, 0, 0, 0, 4.5, 5.5, 15, and 20.

- **First Quartile**

Twenty-five percent of the values are equal to or below the first quartile. In Example 1, the first quartile is the average of the third and fourth ordered observations, i.e., $(-11+(-9))/2=-10$. The first quartile demarcates the lower boundary of the box.

- **Second Quartile**

The second quartile is the median, and it intersects the box. Fifty percent of the observations are equal to or below the median; in our example, the values of these six observations are: 0, 0, -9, -11, -20, and -35. Also, for this example, the median is the average of the sixth and seventh value, 0, i.e., $(0+0)/2$. The plot provides the value of the median (the second quartile) as well as information on how the median compares in magnitude to the rest of the observations. Outliers distort the magnitude of the mean, whereas a median is not distorted since it is the actual value that falls in the middle of the distribution. Since outliers have occurred in the distributions of values of PSRS variables, a median is preferred to a mean when assessing accuracy.

- **Third Quartile**

Seventy-five percent of the observations (9 in this case) have values equal to or below the third quartile. In Example 1, the third quartile is 5, i.e., $(4.5+5.5)/2$. The third quartile demarcates the upper boundary of the box.

- **Box**

The box contains half of all the values. In Example 1, as well as in each box found in Figures FE3-FE11, a minimum of six values are contained within the box. The interquartile range is the length of the box, the difference between the third and first quartiles. The interquartile range for Example 1 is 15, i.e., $5-(-10)$.

- **Whiskers**

Each whisker extends out from the box, one from the first quartile and the other from the third quartile, to the most extreme value that still falls within 1.5 times the interquartile range. In Example 1, a whisker extends from the third quartile, 5, to 20, which is the maximum value and is within 1.5 interquartile ranges of 5 (as it is less than $5+(1.5*15)=27.5$). Also in Example 1, the lower whisker extends from the first quartile -10, to -20, which is the lowest value of the distribution within 1.5 interquartile ranges of the first quartile.

- **Fourth Quartile**

The fourth quartile is the maximum value of the distribution. In Example 1, the fourth quartile, 20, also demarcates the upper value of the top whisker as it is within 1.5 interquartile ranges of the third quartile.

- **Outlier**

An outlier, identified as an asterisk, is an observation that is more than 1.5 interquartile ranges greater than the third quartile, or more than 1.5 interquartile ranges less than the first quartile. In Example 1, there is one outlier, -35. It is less than the lower whisker's threshold value, which is -32.5 $(-10-(1.5*15))$. The importance of the occurrence of an outlier depends on the distribution of the variable. If the interquartile range is very tight and the outlier is in close proximity, then there is little concern about the occurrence of that outlier. (See Figure FE3, PSM vs PSA of Refinery Crude Oil Inputs for 2006.)

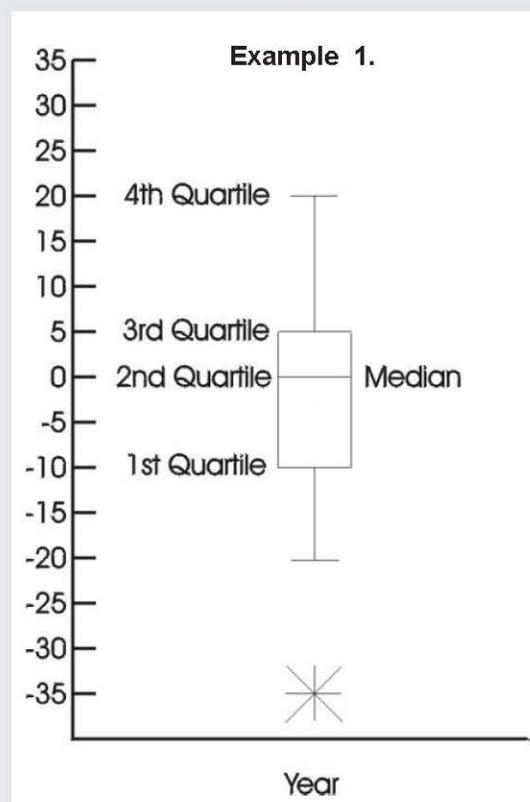
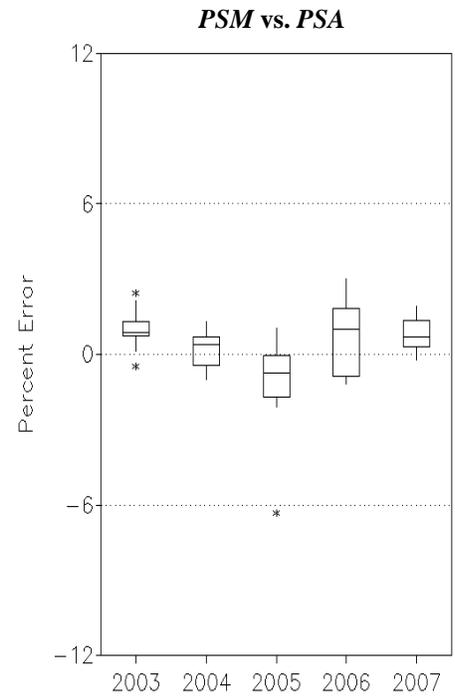
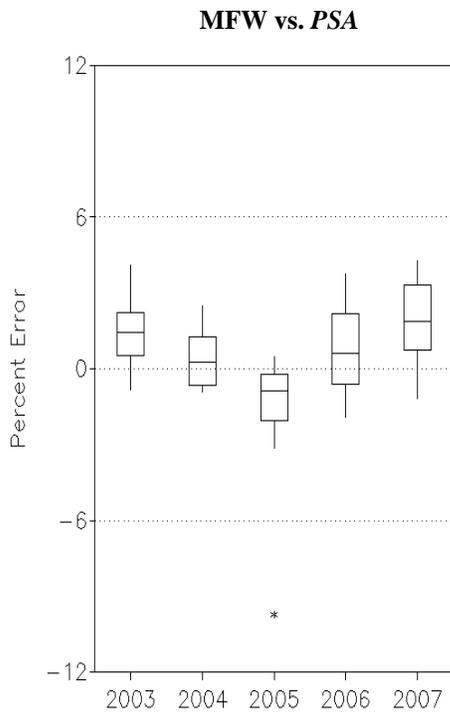
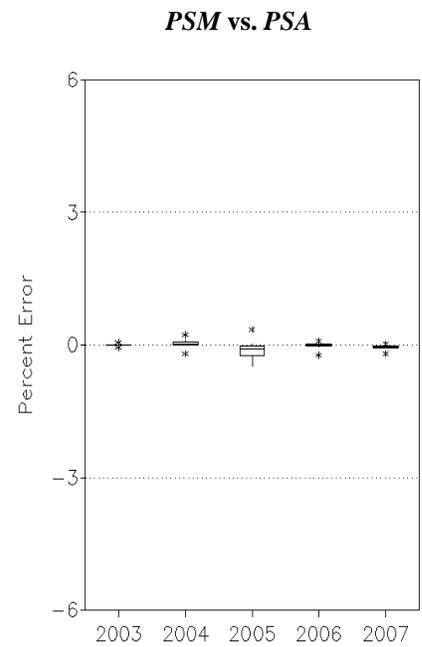
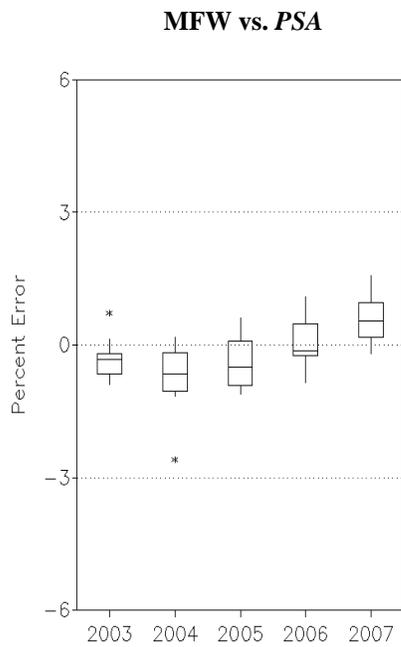


Figure FE3. Box Plots of Percent Errors for MFW and PSM Crude Oil Production and Refinery Crude Oil Inputs Data, 2003 -2007

Crude Oil Production



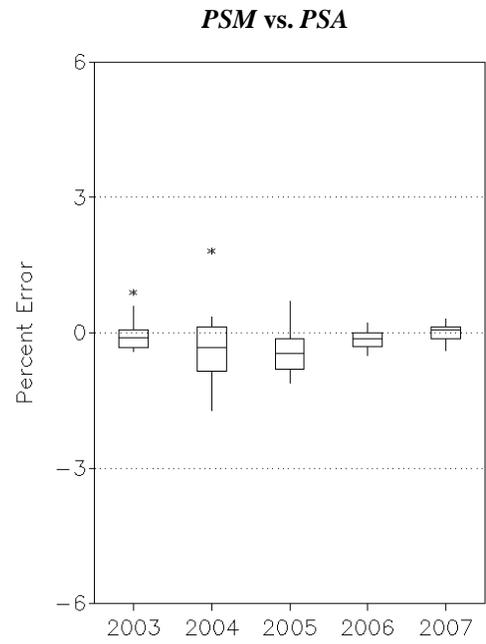
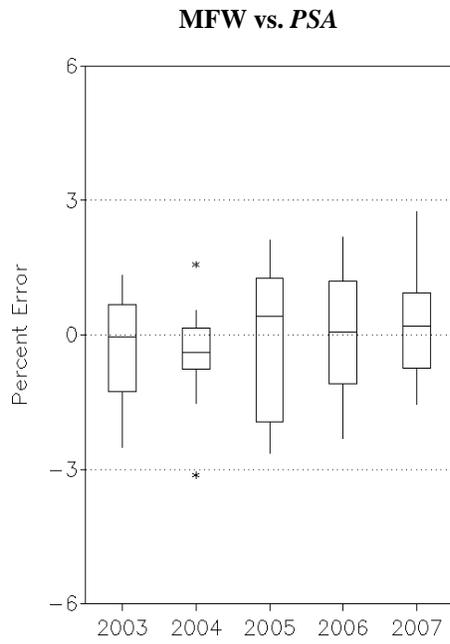
Refinery Crude Oil Inputs



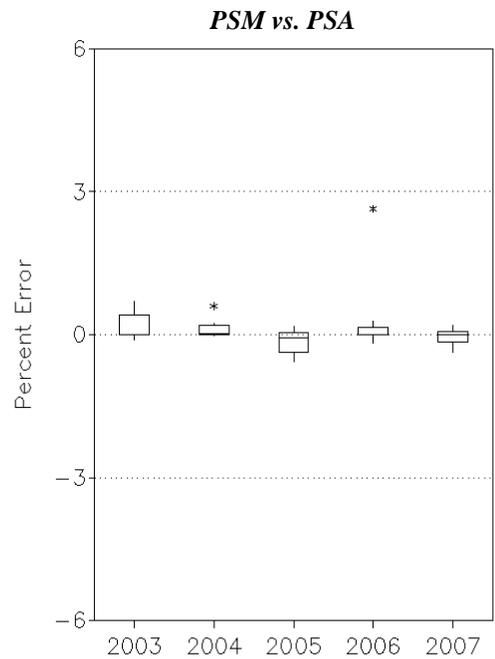
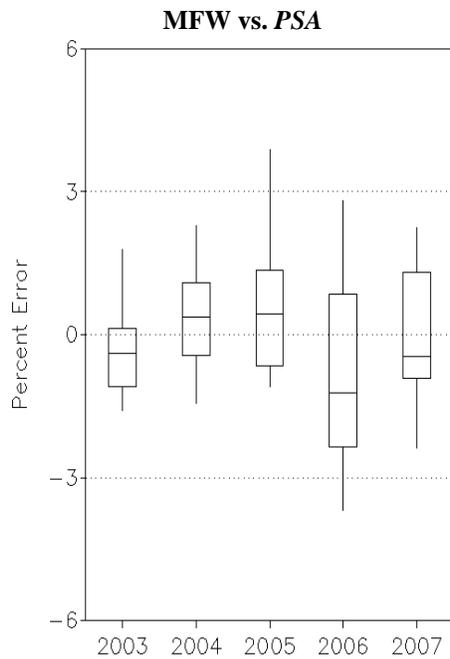
Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE4. Box Plots of Percent Errors for MFW and PSM Motor Gasoline and Distillate Fuel Oil Production, 2003-2007

Motor Gasoline Production



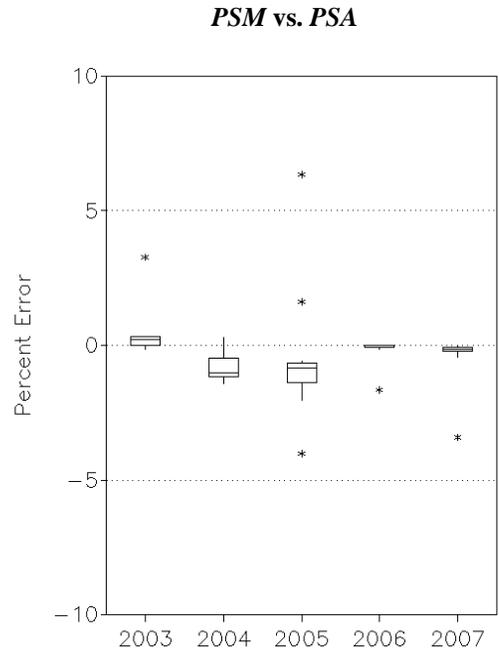
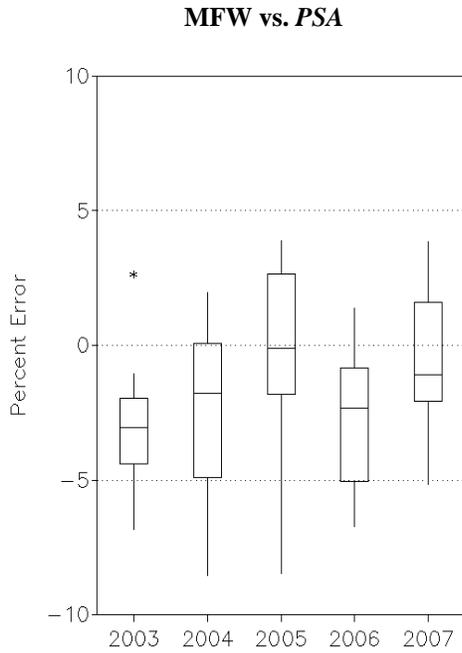
Distillate Fuel Oil Production



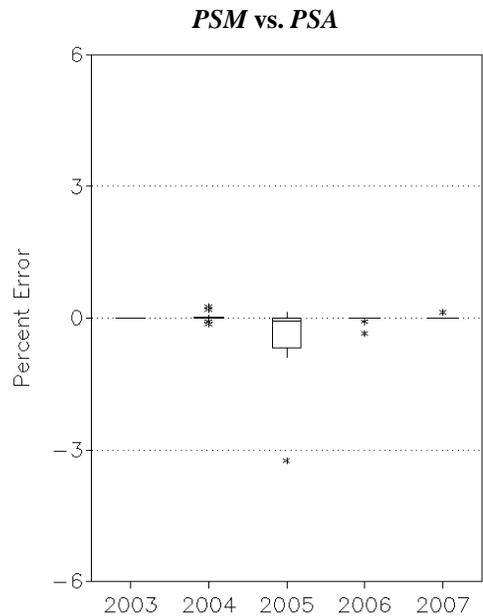
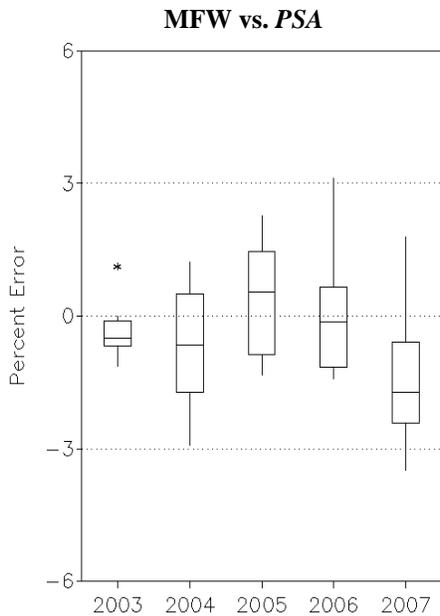
Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE5. Box Plots of Percent Errors for MFW and PSM Residual Fuel Oil and Jet Fuel Production Data, 2003 -2007

Residual Fuel Oil Production



Jet Fuel Production



Source: Energy Information Administration, Petroleum Supply Reporting System.

Stocks

Figures FE6, FE7, and FE8 show the yearly distribution of percent errors for stocks of crude oil, motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, and propane. For the MFW crude oil stocks in 2007, 4 out of the 12 months underestimated the final *PSA* values. The 2007 range of percent errors of 6.29, was the highest range in the last 5 years. September 2007 (3.19) had the highest percent error in the 60 months studied. Most of the 2007 *PSM* interim values for crude oil stocks overestimated the final *PSA* values, contrary to the trend in 2006 where most of the *PSM* values underestimated the *PSA* values. The 2007 outliers were in April (-1.32) and May (-1.38).

In 2007, most of the MFW estimates for motor gasoline stocks underestimated the final *PSA* values. The 2007 MFW range (4.99) was the highest it has been in the past 5 years. September 2007 (-3.97) was the largest percent error over the 60 months studied. Contrary to 2006, most of the 2007 *PSM* interim values underestimated the final *PSA* values. The 2007 *PSM* median of percent errors, ranging from -1.49 to 0.22 percent, was -0.20 percent.

Figure FE7 shows box and whisker plots for distillate and residual fuel oil stocks, and again, most of the 2007 MFW estimates for distillate fuel oil stocks underestimated the final *PSA* values, with one outlier in December 2007 (-4.41). All but one of the 2007 *PSM* interim values for distillate fuel oil stocks underestimated the final *PSA* values. There were two outliers in July and August (0.22 and -0.81, respectively).

Two thirds of the 2007 MFW estimates for residual fuel oil stocks underestimated the final *PSA* values. The percent errors ranged from -3.71 to 3.40 percent. There were outliers in March and December (-1.39 and -1.84, respectively). The 2007 range (2.02) of the *PSM* percent errors, ranging from -1.84 to 0.18 percent, was the smallest range over the 5-year period.

Figure FE8 shows the box and whisker plots for jet fuel stocks and propane stocks. Contrary to 2006, more of the 2007 MFW estimates for jet fuel stocks underestimated the final *PSA* values. The three 2007 outliers were in January (2.94), February (4.05), and September (-4.25). The range (0.57) of the 2007 *PSM* percent errors, ranging from -0.33 to 0.24 percent, for jet fuel stocks was the smallest range over the 5 years studied. One half of the months in 2007 had 0.00 percent error, indicating there were no resubmissions after the *PSM* was released.

More of the 2007 MFW estimates for propane stocks overestimated the final *PSA* values. Over the 5 year study, the 2007 median of percent errors for the MFW (1.00) and *PSM* (0.30) were the highest across that time period. The 2007 MFW range of percent errors, ranging from -5.83 to 2.42 percent, was 8.25. The 2007 *PSM* percent error range (0.87) was slightly higher than last year's 5 year low of 0.63.

Imports

Figures FE9, FE10, and FE11 show the yearly distributions of percent errors for the imports of crude oil and four products: motor gasoline, distillate fuel oil, residual fuel oil, and jet fuel. Because of the irregularity of imports for crude oil and petroleum products, the magnitude and range of percent errors for both the MFW and the *PSM* imports numbers can be expected to be much larger and wider than for production and stocks.

Figure FE9 shows the box and whisker plots for crude oil imports. The 2007 range (8.77) of the MFW percent errors was the largest range over the 5-year period, ranging from -3.75 to 5.02 percent. June 2007 was the largest percent error for the 60 months studied. The range (0.81) of the 2007 *PSM* percent errors for crude oil imports was the lowest range in the 5-year period.

The distribution of percent errors of the MFW estimates and *PSM* interim values for 2003 through 2007 of motor gasoline is shown in Figure FE10. The range (76.92) of the 2007 MFW percent errors for motor gasoline imports was the highest range over the 5-year study. The outlier in October 2007 (66.14) was the highest percent error throughout the 60 months. One half of the 2007 *PSM* interim values for motor gasoline imports were revised upwards since the original values were underestimated. The outlier in January 2007 (-12.75) was the largest percent error over the past 60 months. The MFW and *PSM* ranges of percent errors were the largest ranges of all other plots analyzed for 2007.

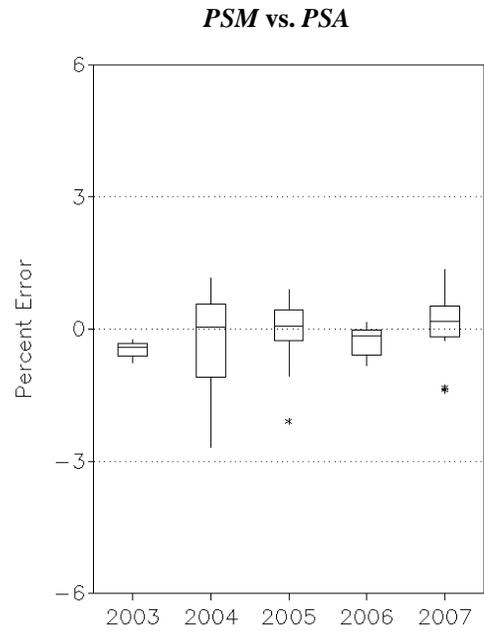
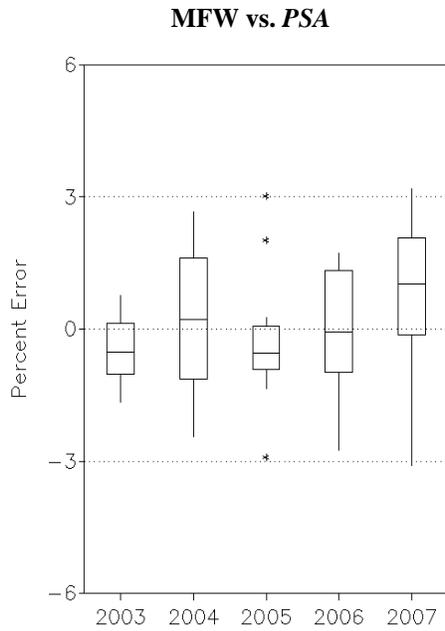
Figure FE10 also displays the distribution of percent errors of the MFW estimates and the *PSM* interim values of distillate fuel oil imports. Similar to prior years, more of the MFW estimates for 2007 underestimated the final *PSA* values. Revisions to the *PSM* interim values were submitted for 5 months that underestimated the final *PSA* values. There was one outlier in July 2007 (-5.07).

Figure FE11 shows the box and whisker plots for residual fuel oil imports and jet fuel imports. In contrast to 2006, more of the 2007 MFW estimates for residual fuel oil imports underestimated the final *PSA* values. The 2007 MFW range of percent errors was 57.38, ranging from -28.72 to 28.66 percent. Most of the 2007 *PSM* percent errors for residual fuel oil imports were 0.00 percent which indicates few revisions from the *PSM* to the *PSA* values. The revisions that were sent in for January, April, July, and August were outliers.

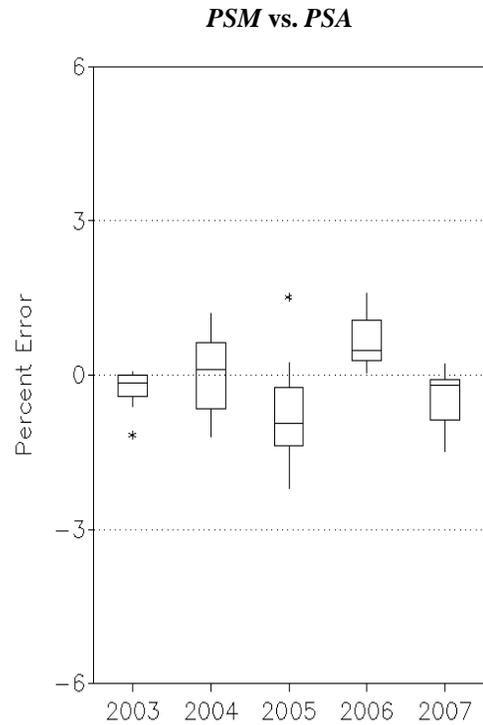
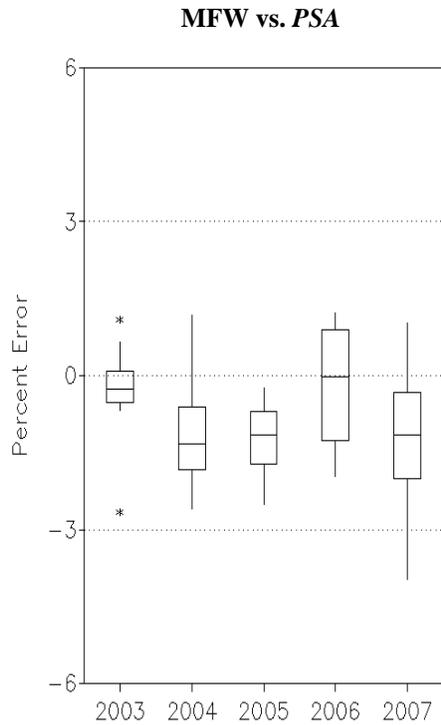
Most of the 2007 MFW estimates for jet fuel imports overestimated the final *PSA* values. The 2007 MFW range (31.58) of percent errors, ranging from -10.65 to 20.93 percent, was the smallest range over the 5-year period. There were no revisions to the 2007 *PSM* interim values resulting in the smallest range (0.00) of percent errors over the 5-year period and of all other *PSM* plots analyzed for 2007.

Figure FE6. Box Plots of Percent Errors for MFW and PSM Crude Oil Stocks Excluding Strategic Petroleum Reserve (SPR) and Motor Gasoline Stocks Data, 2003-2007

Crude Oil Stocks Excluding SPR



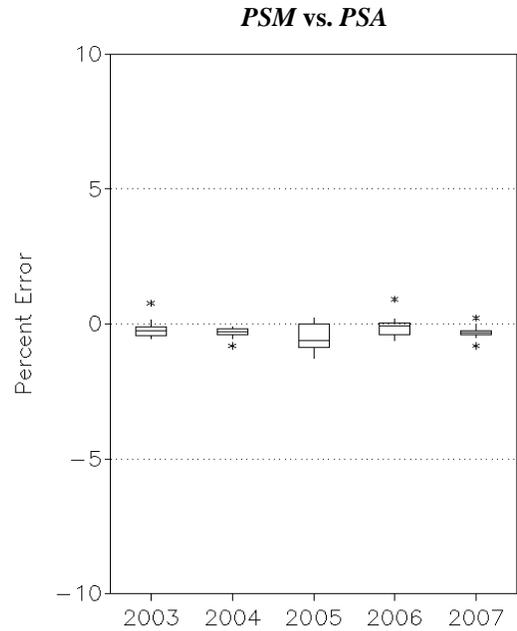
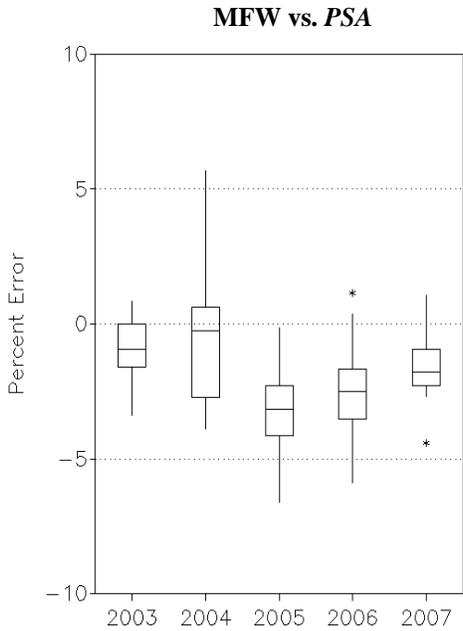
Motor Gasoline Stocks



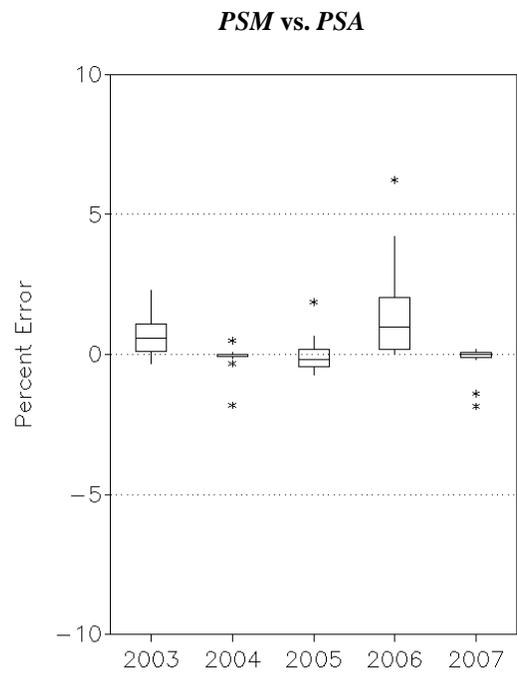
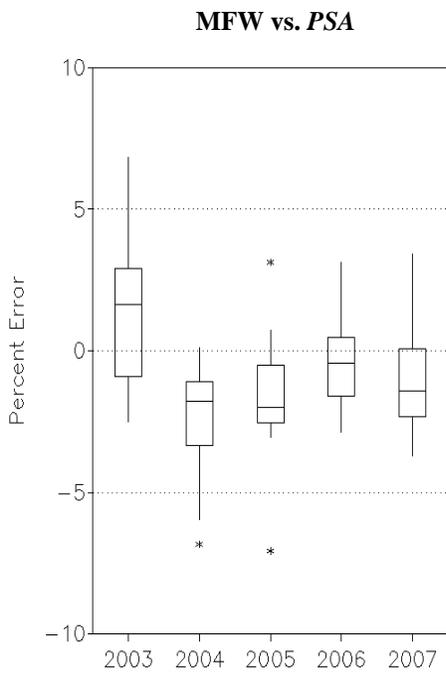
Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE7. Box Plots of Percent Errors for MFW and PSM Distillate Fuel Oil and Residual Fuel Oil Stocks Data, 2003-2007

Distillate Fuel Oil Stocks



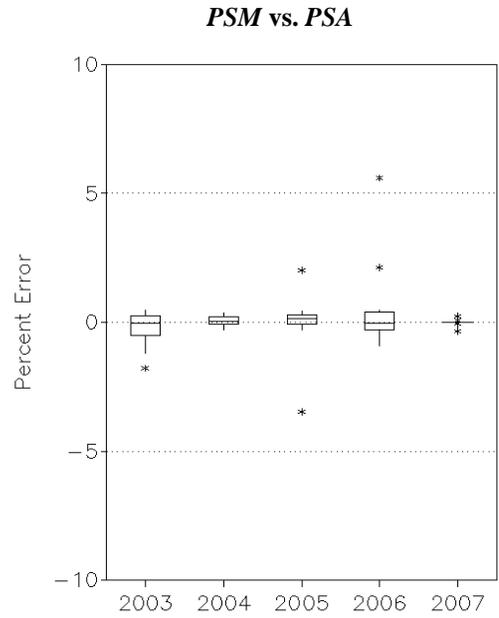
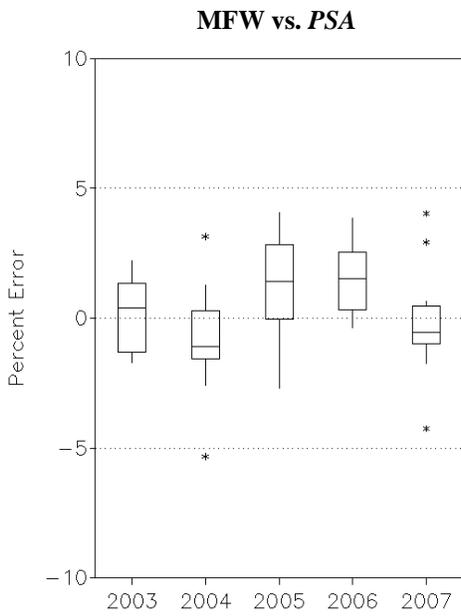
Residual Fuel Oil Stocks



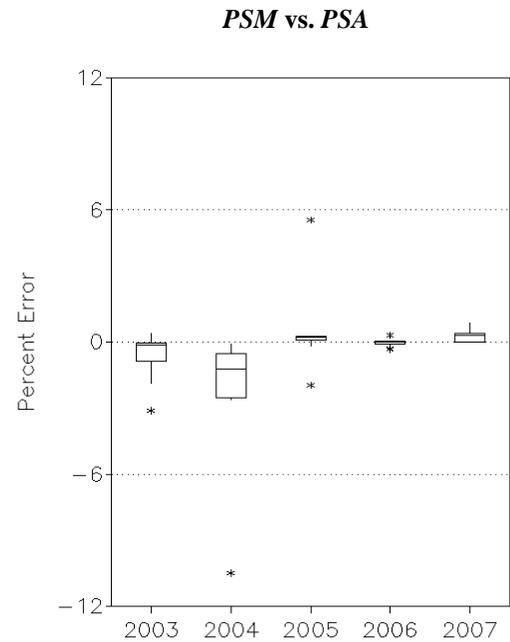
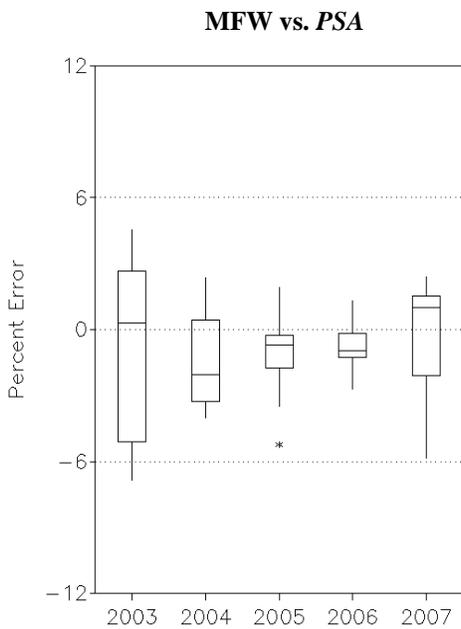
Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE8. Box Plots of Percent Errors for MFW and PSM Jet Fuel Stocks and Propane Stocks Data, 2003 -2007

Jet Fuel Stocks

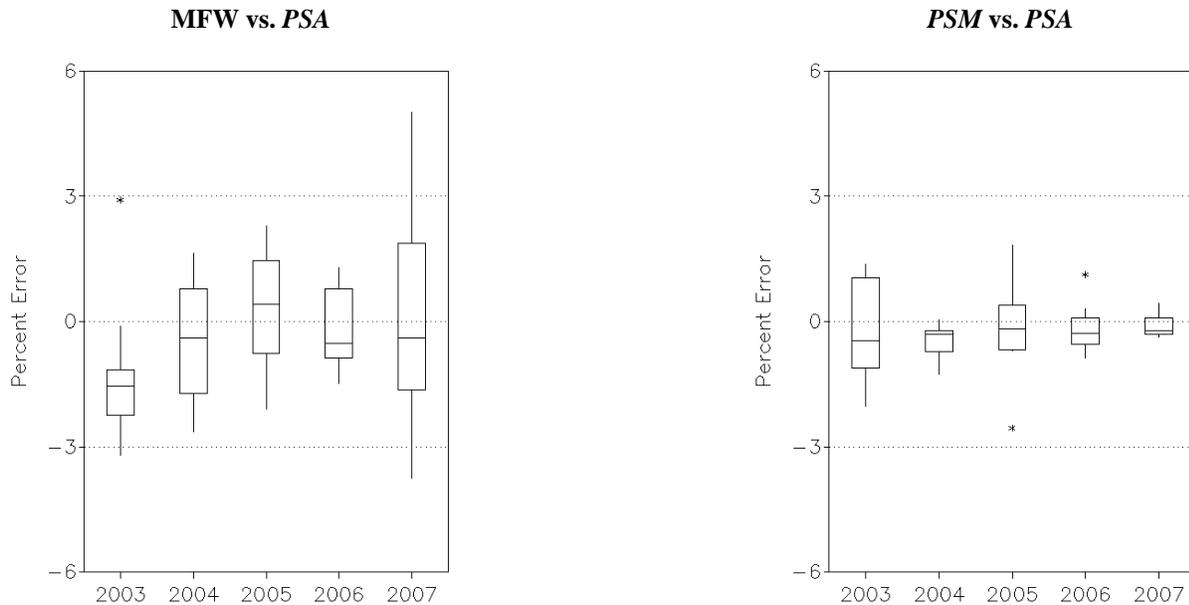


Propane Stocks



Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE9. Box Plots of Percent Errors for MFW and PSM Crude Oil Imports Excluding SPR Data, 2003 - 2007



Source: Energy Information Administration, Petroleum Supply Reporting System.

Conclusion

In summary, similar to previous years, the interim *PSM* data were closer in value to the final *PSA* volumes than the *MFW* estimates. This is largely a result of the longer time period provided to process the monthly data and automated accounting systems of the monthly respondents.

In 2007, 50 of 66 *PSM* interim values were within 1 percent (mean absolute percent error) of the final values; 22 of 62 *MFW* estimates were within 2 percent (mean absolute percent error) of the final values; and 9 of those 22 were within 1 percent. As in previous years, the accuracy of 2007 preliminary and interim values varied by product and by petroleum supply type. As a group, stocks continued to have the most accurate *MFW* estimates and *PSM* interim values.

The good coverage for weekly surveys across petroleum supply type and product combinations has contributed to the accuracy of weekly estimates. In 2007, for 19 of the 21 categories, coverage was above 90 percent. The 2007 response rates for the weekly and monthly surveys were comparable to the 2006 response rates.

To successfully maintain and improve the accuracy of these data, the PD is participating in several Office of Oil and Gas initiatives in the areas of survey data collection, survey processing, automation, data quality control, and data

dissemination. In the area of survey data collection and processing, the PD continued to perform a comprehensive review of current petroleum industry operations to ensure relevant data are collected for Federal, State, and private customers to analyze and assess the U.S. petroleum market. To improve survey clarity, PD continued to add information to the “Frequently Asked Questions” or the FAQ section for each of the petroleum surveys on the EIA website at the following link: [petroleum survey forms](#). In addition, a tracking system for the *PSA* was developed to highlight issues that were unresolved during monthly processing that need to be resolved for the *PSA*.

In the area of automation, the PD continued to make enhancements to the Data Collection Module (DCM) which allows data from numerous data collection forms to be transformed into an electronic form within a common system and make enhancements to the Standard Energy Processing System (STEPS) which is designed to handle different surveys with different needs using generalized programs and data structures to process survey data. In addition, the Electronic Data Extraction System (EDES) automatically extracts data from Excel spreadsheets submitted by some survey respondents through Secure File Transfer or email, and transforms the data into a format that can be sent to the DCM and then to STEPS. This system has eliminated the necessity for manual data entry for many of the surveys received electronically and allows the data to be transformed into a format that can be sent to the monthly processing

system. The PD continues to explore Internet Data Collection and resources needed for implementation.

In the area of data quality control, the PD enhanced the edit and imputation functionality in STEPS and continued to expand the Survey Information System (SIS) which contains information needed for data validation and ad hoc queries. The system is a valuable link between the output from STEPS and data repository systems which produce the publications. A new version of the query system was released in 2007 to expand the data series, incorporate user requests, and improve functionality. The PD continues to work on developing automated imputation for the monthly surveys in STEPS, which will improve the quality of the data. In addition, a quality control tool was developed to facilitate monthly data validation by identifying data outliers. The tool allows analysts to select, using a drop down menu, the survey, product code, supply type and geographic region. The analyst can then rank the data that meet the specified criteria according to data volume or change from prior month. Selected data are displayed in a spreadsheet as well as two graphs. The first graph displays 6 years of historical monthly data as well as standard deviations, monthly-from-weekly values, and system-generated imputation values. The second graph displays weekly submitted, weekly published and monthly data.

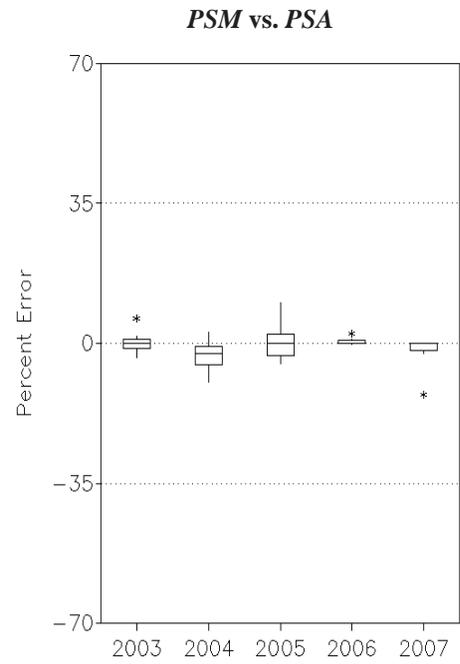
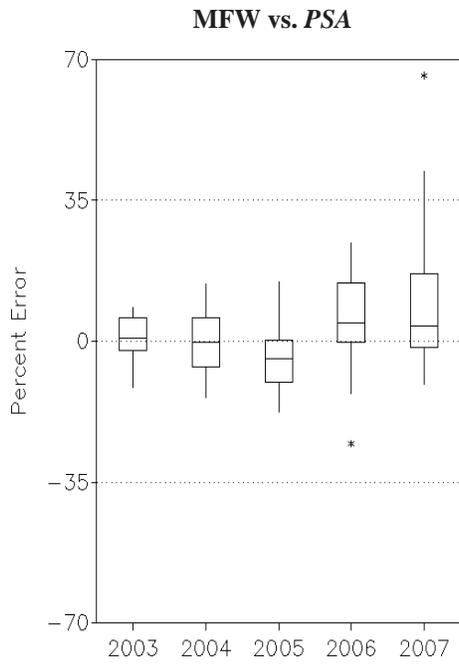
In the area of data dissemination, the web product, Petroleum Navigator, provides an integrated and consistent

interface for accessing a comprehensive set of EIA's petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which "pivot" to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at the following website: [petroleum navigator](#). Petroleum Navigator continues to be enhanced to include additional data series and to extend current series further back in time. In 2007, data on drilling and wells were included. There are now more than 100,000 data series. In 2008, Petroleum Navigator was enhanced to include time series charts and accompanying Excel files that allow the user to download supporting data. An example of the charts can be found at the following link: [petroleum history](#). In addition, a new design for the Petroleum Supply and Disposition table was implemented to resemble the publication format. The new design provides a larger perspective of the data, displaying all the components of supply and disposition for all products on one page in a given period. This new table can be found at the following link: [petroleum supply disposition](#).

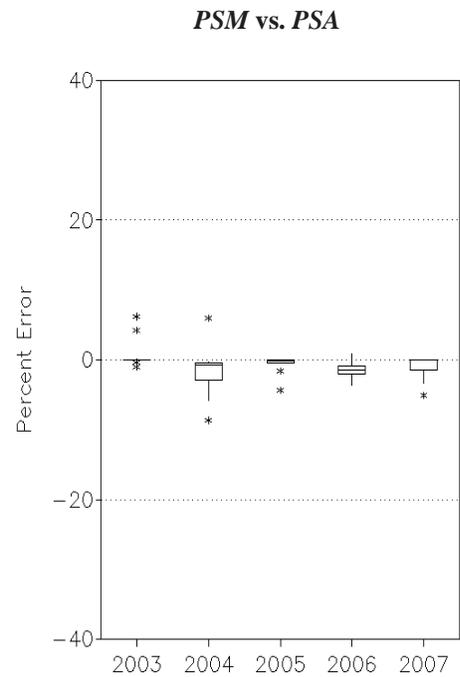
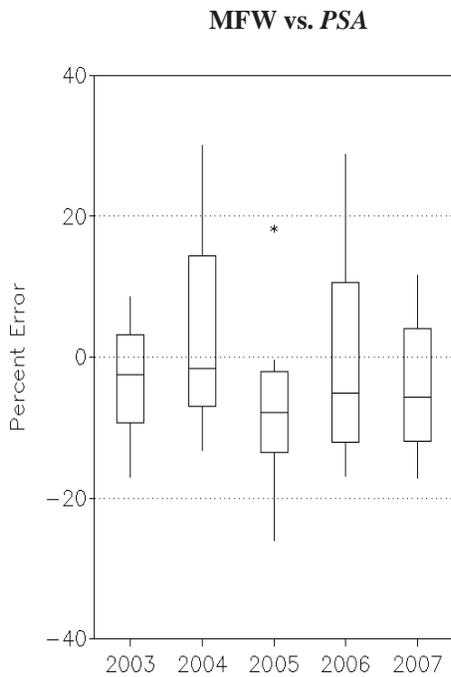
Other ongoing areas of improvement include the continuation of non-response follow-up, customer outreach, and efforts to ensure compliance with reporting requirements. Results of these efforts should enable the PD to continue to provide accurate weekly and monthly data estimates.

Figure FE10. Box Plots of Percent Errors for MFW and PSM Motor Gasoline and Distillate Fuel Oil Imports Data, 2003 -2007

Motor Gasoline Imports



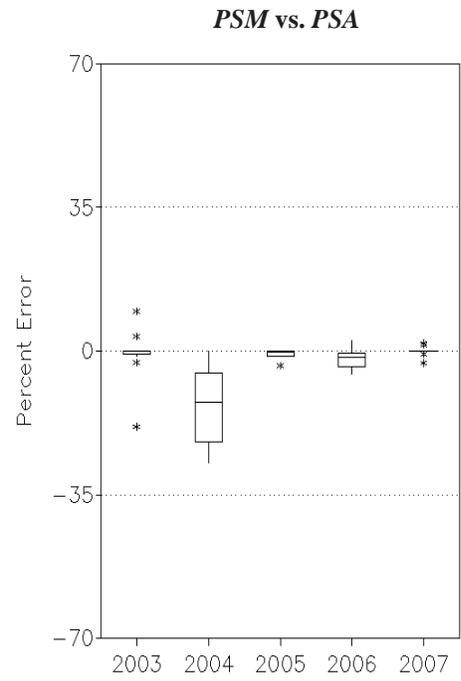
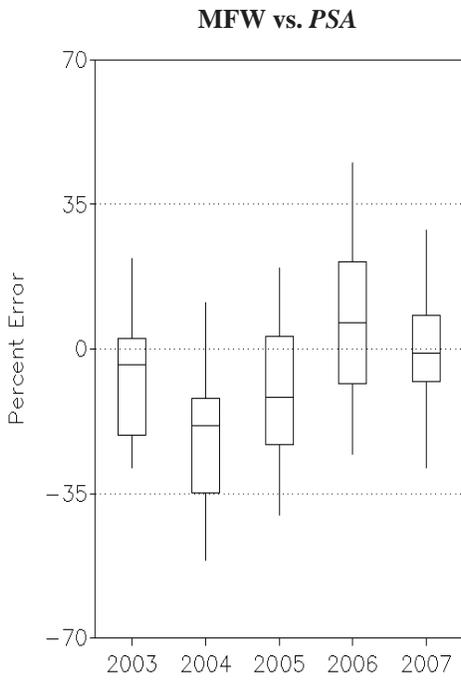
Distillate Fuel Oil Imports



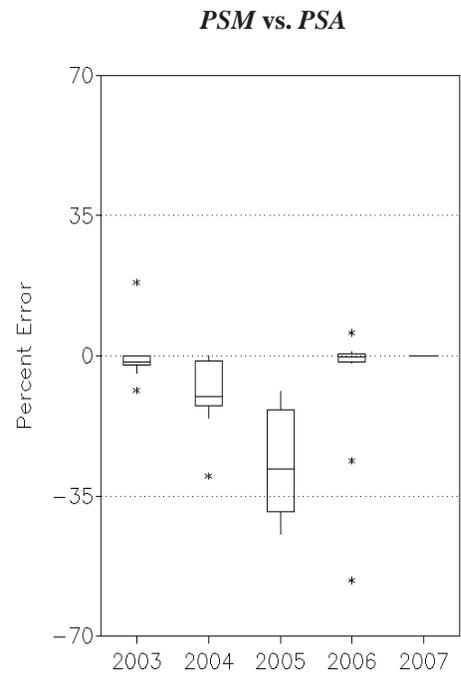
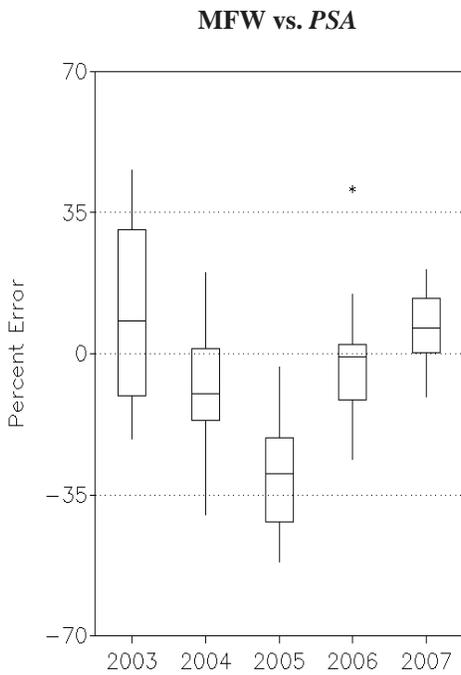
Source: Energy Information Administration, Petroleum Supply Reporting System.

Figure FE11. Box Plots of Percent Errors for MFW and PSM Residual Fuel Oil and Jet Fuel Imports Data, 2003 - 2007

Residual Fuel Oil Imports



Jet Fuel Imports



Source: Energy Information Administration, Petroleum Supply Reporting System.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|----------------|--------------------------|---------------------------|---------------------------------|---------------|--------------------------------|------------------|
| | Field Production | Refinery and Blender Net Production | Imports | Adjustments ^a | Stock Change ^b | Refinery and Blender Net Inputs | Exports | Products Supplied ^c | |
| Crude Oil | 158,822 | - | 291,995 | -985 | 3,485 | 444,933 | 1,413 | 0 | 1,026,057 |
| Commercial | 158,822 | - | 291,995 | -985 | 3,490 | - | 1,413 | - | 324,234 |
| Alaskan | 21,765 | - | - | - | - | - | - | - | - |
| Lower 48 States | 137,057 | - | - | - | - | - | - | - | - |
| Strategic Petroleum Reserve (SPR) | - | - | 0 | - | -5 | - | - | - | 701,823 |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 0 | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 49,719 | 10,585 | 9,364 | - | -12,505 | 18,263 | 2,279 | 61,631 | 126,908 |
| Pentanes Plus | 7,462 | - | 674 | - | 1,062 | 4,804 | 1,052 | 1,218 | 13,684 |
| Liquefied Petroleum Gases | 42,257 | 10,585 | 8,690 | - | -13,567 | 13,459 | 1,227 | 60,413 | 113,224 |
| Ethane/Ethylene | 18,052 | 534 | 7 | - | 703 | 0 | 0 | 17,890 | 27,618 |
| Propane/Propylene | 15,066 | 15,161 | 7,064 | - | -5,369 | 0 | 949 | 41,711 | 55,375 |
| Normal Butane/Butylene | 3,964 | -5,641 | 1,342 | - | -8,811 | 6,825 | 278 | 1,373 | 23,127 |
| Isobutane/Isobutylene | 5,175 | 531 | 277 | - | -90 | 6,634 | 0 | -561 | 7,104 |
| Other Liquids | - | - | 53,342 | 20,884 | 1,797 | 66,846 | 1,436 | 4,147 | 214,370 |
| Other Hydrocarbons/Oxygenates | - | - | 504 | 23,277 | -189 | 22,758 | 1,212 | 0 | 15,777 |
| Unfinished Oils | - | - | 23,923 | - | -6,785 | 26,562 | 0 | 4,146 | 83,419 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 28,915 | -2,393 | 8,772 | 17,526 | 224 | 0 | 115,174 |
| Reformulated | - | - | 8,910 | -1,479 | 3,335 | 4,091 | 5 | 0 | 48,287 |
| Conventional | - | - | 20,005 | -914 | 5,437 | 13,435 | 219 | 0 | 66,887 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | - | -1 | 0 | 0 | 1 | 0 |
| Finished Petroleum Products | - | 549,492 | 35,910 | 5,733 | 9,077 | - | 52,653 | 529,405 | 367,825 |
| Finished Motor Gasoline | - | 273,674 | 4,586 | 5,733 | 1,163 | - | 6,287 | 276,542 | 98,212 |
| Reformulated | - | 94,933 | 0 | 1,719 | 115 | - | 173 | 96,364 | 869 |
| Conventional | - | 178,741 | 4,586 | 4,013 | 1,048 | - | 6,114 | 180,178 | 97,343 |
| Finished Aviation Gasoline | - | 489 | 7 | - | 73 | - | 0 | 423 | 1,153 |
| Kerosene-Type Jet Fuel | - | 42,861 | 2,123 | - | 132 | - | 1,627 | 43,225 | 38,214 |
| Kerosene | - | 1,201 | 326 | - | 90 | - | 15 | 1,422 | 2,248 |
| Distillate Fuel Oil ^d | - | 139,849 | 8,123 | 0 | 10,107 | - | 20,560 | 117,305 | 145,883 |
| 15 ppm sulfur and under ^e | - | 100,483 | 3,110 | -1,506 | 8,419 | - | 0 | 93,668 | 83,129 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 21,800 | 1,539 | 1,506 | 2,331 | - | 18,357 | 4,157 | 21,401 |
| Greater than 500 ppm sulfur | - | 17,566 | 3,474 | - | -643 | - | 2,203 | 19,480 | 41,353 |
| Residual Fuel Oil ^f | - | 18,521 | 11,875 | - | -2,578 | - | 9,631 | 23,343 | 36,167 |
| Less than 0.31 percent sulfur | - | 2,737 | 337 | - | -823 | - | - | - | 5,312 |
| 0.31 to 1.00 percent sulfur | - | 4,083 | 3,777 | - | -444 | - | - | - | 10,615 |
| Greater than 1.00 percent sulfur | - | 11,701 | 7,761 | - | -1,377 | - | - | - | 20,171 |
| Petrochemical Feedstocks | - | 7,585 | 6,792 | - | -500 | - | - | 14,877 | 2,809 |
| Naphtha for Petro. Feed. Use | - | 3,008 | 3,441 | - | -308 | - | - | 6,757 | 1,757 |
| Other Oils for Petro. Feed. Use | - | 4,577 | 3,351 | - | -192 | - | - | 8,120 | 1,052 |
| Special Naphthas | - | 1,078 | 375 | - | -219 | - | 528 | 1,144 | 1,452 |
| Lubricants | - | 4,584 | 464 | - | 789 | - | 1,098 | 3,161 | 10,692 |
| Waxes | - | 155 | 93 | - | -47 | - | 79 | 216 | 435 |
| Petroleum Coke | - | 25,875 | 666 | - | -566 | - | 11,515 | 15,592 | 8,796 |
| Marketable | - | 18,979 | 666 | - | -566 | - | 11,515 | 8,696 | 8,796 |
| Catalyst | - | 6,896 | - | - | - | - | - | 6,896 | - |
| Asphalt and Road Oil | - | 10,559 | 472 | - | 701 | - | 584 | 9,746 | 20,268 |
| Still Gas | - | 20,704 | - | - | - | - | - | 20,704 | - |
| Miscellaneous Products | - | 2,357 | 8 | - | -68 | - | 728 | 1,705 | 1,496 |
| Total | 208,541 | 560,077 | 390,611 | 25,632 | 1,854 | 530,042 | 57,781 | 595,183 | 1,735,160 |

^a Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^c Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^d Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

**Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products,
January-December 2008
(Thousand Barrels)**

| Commodity | Supply | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|------------------|--------------------------|---------------------------|---------------------------------|----------------|--------------------------------|------------------|
| | Field Production | Refinery and Blender Net Production | Imports | Adjustments ^a | Stock Change ^b | Refinery and Blender Net Inputs | Exports | Products Supplied ^c | |
| Crude Oil | 1,813,705 | - | 3,570,848 | 29,385 | 43,253 | 5,360,221 | 10,464 | 0 | 1,026,057 |
| Commercial | 1,813,705 | - | 3,568,202 | 29,385 | 38,371 | - | 10,464 | - | 324,234 |
| Alaskan | 249,874 | - | - | - | - | - | - | - | - |
| Lower 48 States | 1,563,831 | - | - | - | - | - | - | - | - |
| Strategic Petroleum Reserve (SPR) | - | - | 2,646 | - | 4,882 | - | - | - | 701,823 |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 2,646 | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 651,915 | 229,902 | 97,903 | - | 21,421 | 178,254 | 36,951 | 743,094 | 126,908 |
| Pentanes Plus | 95,697 | - | 7,984 | - | 3,406 | 56,249 | 12,393 | 31,633 | 13,684 |
| Liquefied Petroleum Gases | 556,218 | 229,902 | 89,919 | - | 18,015 | 122,005 | 24,558 | 711,461 | 113,224 |
| Ethane/Ethylene | 256,876 | 6,671 | 121 | - | 12,749 | 0 | 0 | 250,919 | 27,618 |
| Propane/Propylene | 187,209 | 189,965 | 66,676 | - | 3,228 | 0 | 19,264 | 421,358 | 55,375 |
| Normal Butane/Butylene | 48,901 | 30,698 | 15,607 | - | 1,788 | 49,858 | 5,294 | 38,266 | 23,127 |
| Isobutane/Isobutylene | 63,232 | 2,568 | 7,515 | - | 250 | 72,147 | 0 | 918 | 7,104 |
| Other Liquids | - | - | 580,107 | 141,316 | 15,312 | 685,698 | 28,447 | -8,034 | 214,370 |
| Other Hydrocarbons/Oxygenates | - | - | 12,668 | 246,735 | 4,153 | 233,063 | 22,187 | 0 | 15,777 |
| Unfinished Oils | - | - | 279,191 | - | 1,046 | 286,200 | 0 | -8,055 | 83,419 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 288,248 | -105,419 | 10,151 | 166,418 | 6,260 | 0 | 115,174 |
| Reformulated | - | - | 104,266 | -33,573 | 521 | 70,163 | 9 | 0 | 48,287 |
| Conventional | - | - | 183,982 | -71,846 | 9,630 | 96,255 | 6,251 | 0 | 66,887 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | - | -38 | 17 | 0 | 21 | 0 |
| Finished Petroleum Products | - | 6,349,503 | 462,380 | 148,253 | -6,441 | - | 594,395 | 6,372,182 | 367,825 |
| Finished Motor Gasoline | - | 3,072,390 | 111,345 | 148,253 | -11,818 | - | 62,841 | 3,280,965 | 98,212 |
| Reformulated | - | 1,092,548 | 0 | 37,277 | -335 | - | 4,417 | 1,125,743 | 869 |
| Conventional | - | 1,979,842 | 111,345 | 110,977 | -11,483 | - | 58,424 | 2,155,222 | 97,343 |
| Finished Aviation Gasoline | - | 5,506 | 61 | - | -71 | - | 0 | 5,638 | 1,153 |
| Kerosene-Type Jet Fuel | - | 539,538 | 37,163 | - | -1,244 | - | 22,389 | 555,556 | 38,214 |
| Kerosene | - | 11,961 | 760 | - | -556 | - | 1,904 | 11,373 | 2,248 |
| Distillate Fuel Oil ^d | - | 1,569,533 | 77,245 | 0 | 12,375 | - | 193,000 | 1,441,403 | 145,883 |
| 15 ppm sulfur and under ^e | - | 1,154,060 | 43,930 | -11,812 | 13,173 | - | 0 | 1,173,005 | 83,129 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 231,701 | 5,473 | 11,812 | -2,340 | - | 166,589 | 84,737 | 21,401 |
| Greater than 500 ppm sulfur | - | 183,772 | 27,842 | - | 1,542 | - | 26,411 | 183,661 | 41,353 |
| Residual Fuel Oil ^f | - | 227,121 | 127,278 | - | -2,448 | - | 130,105 | 226,742 | 36,167 |
| Less than 0.31 percent sulfur | - | 28,538 | 6,572 | - | -454 | - | - | - | 5,312 |
| 0.31 to 1.00 percent sulfur | - | 46,210 | 22,469 | - | -1,604 | - | - | - | 10,615 |
| Greater than 1.00 percent sulfur | - | 152,373 | 98,237 | - | -437 | - | - | - | 20,171 |
| Petrochemical Feedstocks | - | 120,070 | 78,655 | - | -541 | - | - | 199,266 | 2,809 |
| Naphtha for Petro. Feed. Use | - | 54,514 | 33,048 | - | -428 | - | - | 87,990 | 1,757 |
| Other Oils for Petro. Feed. Use | - | 65,556 | 45,607 | - | -113 | - | - | 111,276 | 1,052 |
| Special Naphthas | - | 14,859 | 5,859 | - | -119 | - | 4,677 | 16,160 | 1,452 |
| Lubricants | - | 63,222 | 6,467 | - | 117 | - | 22,004 | 47,568 | 10,692 |
| Waxes | - | 3,648 | 1,233 | - | -99 | - | 1,857 | 3,123 | 435 |
| Petroleum Coke | - | 298,706 | 8,037 | - | -533 | - | 144,397 | 162,879 | 8,796 |
| Marketable | - | 217,266 | 8,037 | - | -533 | - | 144,397 | 81,439 | 8,796 |
| Catalyst | - | 81,440 | - | - | - | - | - | 81,440 | - |
| Asphalt and Road Oil | - | 150,856 | 8,140 | - | -1,951 | - | 8,504 | 152,443 | 20,268 |
| Still Gas | - | 244,671 | - | - | - | - | - | 244,671 | - |
| Miscellaneous Products | - | 27,422 | 137 | - | 447 | - | 2,717 | 24,395 | 1,496 |
| Total | 2,465,620 | 6,579,405 | 4,711,238 | 318,954 | 73,545 | 6,224,173 | 670,257 | 7,107,242 | 1,735,160 |

^a Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^c Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^d Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | Disposition | | | |
|--|------------------|-------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports | Adjustments ^a | Stock Change ^b | Refinery and Blender Net Inputs | Exports | Products Supplied ^c |
| Crude Oil | 5,123 | - | 9,419 | -32 | 112 | 14,353 | 46 | 0 |
| Commercial | 5,123 | - | 9,419 | -32 | 113 | - | 46 | - |
| Alaskan | 702 | - | - | - | - | - | - | - |
| Lower 48 States | 4,421 | - | - | - | - | - | - | - |
| Strategic Petroleum Reserve (SPR) | - | - | 0 | - | 0 | - | - | - |
| Imports by SPR | - | - | 0 | - | - | - | - | - |
| Imports into SPR by Others | - | - | 0 | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 1,604 | 341 | 302 | - | -403 | 589 | 74 | 1,988 |
| Pentanes Plus | 241 | - | 22 | - | 34 | 155 | 34 | 39 |
| Liquefied Petroleum Gases | 1,363 | 341 | 280 | - | -438 | 434 | 40 | 1,949 |
| Ethane/Ethylene | 582 | 17 | 0 | - | 23 | 0 | 0 | 577 |
| Propane/Propylene | 486 | 489 | 228 | - | -173 | 0 | 31 | 1,346 |
| Normal Butane/Butylene | 128 | -182 | 43 | - | -284 | 220 | 9 | 44 |
| Isobutane/Isobutylene | 167 | 17 | 9 | - | -3 | 214 | 0 | -18 |
| Other Liquids | - | - | 1,721 | 674 | 58 | 2,156 | 46 | 134 |
| Other Hydrocarbons/Oxygenates | - | - | 16 | 751 | -6 | 734 | 39 | 0 |
| Unfinished Oils | - | - | 772 | - | -219 | 857 | 0 | 134 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 933 | -77 | 283 | 565 | 7 | 0 |
| Reformulated | - | - | 287 | -48 | 108 | 132 | 0 | 0 |
| Conventional | - | - | 645 | -29 | 175 | 433 | 7 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 17,726 | 1,158 | 185 | 293 | - | 1,698 | 17,078 |
| Finished Motor Gasoline | - | 8,828 | 148 | 185 | 38 | - | 203 | 8,921 |
| Reformulated | - | 3,062 | 0 | 55 | 4 | - | 6 | 3,109 |
| Conventional | - | 5,766 | 148 | 129 | 34 | - | 197 | 5,812 |
| Finished Aviation Gasoline | - | 16 | 0 | - | 2 | - | 0 | 14 |
| Kerosene-Type Jet Fuel | - | 1,383 | 68 | - | 4 | - | 52 | 1,394 |
| Kerosene | - | 39 | 11 | - | 3 | - | 0 | 46 |
| Distillate Fuel Oil ^d | - | 4,511 | 262 | 0 | 326 | - | 663 | 3,784 |
| 15 ppm sulfur and under ^e | - | 3,241 | 100 | -49 | 272 | - | 0 | 3,022 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 703 | 50 | 49 | 75 | - | 592 | 134 |
| Greater than 500 ppm sulfur | - | 567 | 112 | - | -21 | - | 71 | 628 |
| Residual Fuel Oil ^f | - | 597 | 383 | - | -83 | - | 311 | 753 |
| Less than 0.31 percent sulfur | - | 88 | 11 | - | -27 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 132 | 122 | - | -14 | - | - | - |
| Greater than 1.00 percent sulfur | - | 377 | 250 | - | -44 | - | - | - |
| Petrochemical Feedstocks | - | 245 | 219 | - | -16 | - | - | 480 |
| Naphtha for Petro. Feed. Use | - | 97 | 111 | - | -10 | - | - | 218 |
| Other Oils for Petro. Feed. Use | - | 148 | 108 | - | -6 | - | - | 262 |
| Special Naphthas | - | 35 | 12 | - | -7 | - | 17 | 37 |
| Lubricants | - | 148 | 15 | - | 25 | - | 35 | 102 |
| Waxes | - | 5 | 3 | - | -2 | - | 3 | 7 |
| Petroleum Coke | - | 835 | 21 | - | -18 | - | 371 | 503 |
| Marketable | - | 612 | 21 | - | -18 | - | 371 | 281 |
| Catalyst | - | 222 | - | - | - | - | - | 222 |
| Asphalt and Road Oil | - | 341 | 15 | - | 23 | - | 19 | 314 |
| Still Gas | - | 668 | - | - | - | - | - | 668 |
| Miscellaneous Products | - | 76 | 0 | - | -2 | - | 23 | 55 |
| Total | 6,727 | 18,067 | 12,600 | 827 | 60 | 17,098 | 1,864 | 19,199 |

^a Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^c Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^d Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

**Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products,
January-December 2008**
(Thousand Barrels per Day)

| Commodity | Supply | | | | Disposition | | | |
|--|------------------|-------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports | Adjustments ^a | Stock Change ^b | Refinery and Blender Net Inputs | Exports | Products Supplied ^c |
| Crude Oil | 4,955 | - | 9,756 | 80 | 118 | 14,645 | 29 | 0 |
| Commercial | 4,955 | - | 9,749 | 80 | 105 | - | 29 | - |
| Alaskan | 683 | - | - | - | - | - | - | - |
| Lower 48 States | 4,273 | - | - | - | - | - | - | - |
| Strategic Petroleum Reserve (SPR) | - | - | 7 | - | 13 | - | - | - |
| Imports by SPR | - | - | 0 | - | - | - | - | - |
| Imports into SPR by Others | - | - | 7 | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 1,781 | 628 | 267 | - | 59 | 487 | 101 | 2,030 |
| Pentanes Plus | 261 | - | 22 | - | 9 | 154 | 34 | 86 |
| Liquefied Petroleum Gases | 1,520 | 628 | 246 | - | 49 | 333 | 67 | 1,944 |
| Ethane/Ethylene | 702 | 18 | 0 | - | 35 | 0 | 0 | 686 |
| Propane/Propylene | 512 | 519 | 182 | - | 9 | 0 | 53 | 1,151 |
| Normal Butane/Butylene | 134 | 84 | 43 | - | 5 | 136 | 14 | 105 |
| Isobutane/Isobutylene | 173 | 7 | 21 | - | 1 | 197 | 0 | 3 |
| Other Liquids | - | - | 1,585 | 386 | 42 | 1,873 | 78 | -22 |
| Other Hydrocarbons/Oxygenates | - | - | 35 | 674 | 11 | 637 | 61 | 0 |
| Unfinished Oils | - | - | 763 | - | 3 | 782 | 0 | -22 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 788 | -288 | 28 | 455 | 17 | 0 |
| Reformulated | - | - | 285 | -92 | 1 | 192 | 0 | 0 |
| Conventional | - | - | 503 | -196 | 26 | 263 | 17 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 17,348 | 1,263 | 405 | -18 | - | 1,624 | 17,410 |
| Finished Motor Gasoline | - | 8,395 | 304 | 405 | -32 | - | 172 | 8,964 |
| Reformulated | - | 2,985 | 0 | 102 | -1 | - | 12 | 3,076 |
| Conventional | - | 5,409 | 304 | 303 | -31 | - | 160 | 5,889 |
| Finished Aviation Gasoline | - | 15 | 0 | - | 0 | - | 0 | 15 |
| Kerosene-Type Jet Fuel | - | 1,474 | 102 | - | -3 | - | 61 | 1,518 |
| Kerosene | - | 33 | 2 | - | -2 | - | 5 | 31 |
| Distillate Fuel Oil ^d | - | 4,288 | 211 | 0 | 34 | - | 527 | 3,938 |
| 15 ppm sulfur and under ^e | - | 3,153 | 120 | -32 | 36 | - | 0 | 3,205 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 633 | 15 | 32 | -6 | - | 455 | 232 |
| Greater than 500 ppm sulfur | - | 502 | 76 | - | 4 | - | 72 | 502 |
| Residual Fuel Oil ^f | - | 621 | 348 | - | -7 | - | 355 | 620 |
| Less than 0.31 percent sulfur | - | 78 | 18 | - | -1 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 126 | 61 | - | -4 | - | - | - |
| Greater than 1.00 percent sulfur | - | 416 | 268 | - | -1 | - | - | - |
| Petrochemical Feedstocks | - | 328 | 215 | - | -1 | - | - | 544 |
| Naphtha for Petro. Feed. Use | - | 149 | 90 | - | -1 | - | - | 240 |
| Other Oils for Petro. Feed. Use | - | 179 | 125 | - | 0 | - | - | 304 |
| Special Naphthas | - | 41 | 16 | - | 0 | - | 13 | 44 |
| Lubricants | - | 173 | 18 | - | 0 | - | 60 | 130 |
| Waxes | - | 10 | 3 | - | 0 | - | 5 | 9 |
| Petroleum Coke | - | 816 | 22 | - | -1 | - | 395 | 445 |
| Marketable | - | 594 | 22 | - | -1 | - | 395 | 223 |
| Catalyst | - | 223 | - | - | - | - | - | 223 |
| Asphalt and Road Oil | - | 412 | 22 | - | -5 | - | 23 | 417 |
| Still Gas | - | 669 | - | - | - | - | - | 669 |
| Miscellaneous Products | - | 75 | 0 | - | 1 | - | 7 | 67 |
| Total | 6,737 | 17,977 | 12,872 | 871 | 201 | 17,006 | 1,831 | 19,419 |

^a Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^c Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^d Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 5. PAD District 1--Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 667 | - | 40,184 | 422 | -856 | 676 | 39,741 | 0 | 0 | 14,613 |
| Natural Gas Liquids and LRGs | 590 | 839 | 3,242 | 4,545 | - | -176 | 848 | 21 | 8,523 | 5,620 |
| Pentanes Plus | 92 | - | 0 | 0 | - | 0 | 0 | 1 | 91 | 26 |
| Liquefied Petroleum Gases | 498 | 839 | 3,242 | 4,545 | - | -176 | 848 | 20 | 8,432 | 5,594 |
| Ethane/Ethylene | 6 | 22 | 0 | 0 | - | 0 | 0 | 0 | 28 | 0 |
| Propane/Propylene | 335 | 1,366 | 2,420 | 4,331 | - | -400 | 0 | 19 | 8,833 | 3,423 |
| Normal Butane/Butylene | 107 | -750 | 738 | 161 | - | 69 | 290 | 1 | -104 | 1,798 |
| Isobutane/Isobutylene | 50 | 201 | 84 | 53 | - | 155 | 558 | 0 | -325 | 373 |
| Other Liquids | - | - | 31,450 | 17,805 | 8,701 | 4,930 | 53,492 | 144 | -610 | 48,841 |
| Other Hydrocarbons/Oxygenates | - | - | 290 | 0 | 6,363 | -739 | 7,253 | 139 | 0 | 4,733 |
| Unfinished Oils | - | - | 5,605 | -978 | - | -271 | 5,508 | 0 | -610 | 7,081 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 25,555 | 18,783 | 2,338 | 5,940 | 40,731 | 5 | 0 | 37,027 |
| Reformulated | - | - | 8,903 | 8,502 | -3,080 | 4,077 | 10,248 | 0 | 0 | 20,570 |
| Conventional | - | - | 16,652 | 10,281 | 5,418 | 1,863 | 30,483 | 5 | 0 | 16,457 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 95,719 | 21,450 | 66,451 | -1,946 | 5,592 | - | 2,986 | 173,097 | 113,007 |
| Finished Motor Gasoline | - | 70,435 | 3,361 | 28,254 | -1,946 | 2,530 | - | 21 | 97,553 | 25,657 |
| Reformulated | - | 37,825 | 0 | 0 | 3,269 | 150 | - | 17 | 40,927 | 246 |
| Conventional | - | 32,610 | 3,361 | 28,254 | -5,215 | 2,380 | - | 4 | 56,626 | 25,411 |
| Finished Aviation Gasoline | - | 0 | 3 | 86 | - | 35 | - | 0 | 54 | 102 |
| Kerosene-Type Jet Fuel | - | 2,255 | 1,715 | 12,378 | - | 23 | - | 282 | 16,043 | 8,910 |
| Kerosene | - | 524 | 324 | 0 | - | 49 | - | 0 | 799 | 1,537 |
| Distillate Fuel Oil ^e | - | 13,765 | 7,248 | 24,093 | 0 | 3,758 | - | 1,375 | 39,973 | 56,759 |
| 15 ppm sulfur and under ^f | - | 6,954 | 2,924 | 12,611 | -45 | 2,112 | - | 0 | 20,332 | 18,351 |
| Greater than 15 ppm to 500 ppm sulfur ^f | - | 670 | 1,197 | 2,869 | 45 | 1,787 | - | 1,375 | 1,619 | 8,076 |
| Greater than 500 ppm sulfur | - | 6,141 | 3,127 | 8,613 | - | -141 | - | 0 | 18,022 | 30,332 |
| Residual Fuel Oil ^g | - | 3,389 | 7,859 | 422 | - | -759 | - | 601 | 11,828 | 13,261 |
| Less than 0.31 percent sulfur | - | 1,680 | 164 | 0 | - | -715 | - | - | - | 3,306 |
| 0.31 to 1.00 percent sulfur | - | 926 | 3,260 | 0 | - | 926 | - | - | - | 5,465 |
| Greater than 1.00 percent sulfur | - | 783 | 4,435 | 422 | - | -970 | - | - | - | 4,490 |
| Petrochemical Feedstocks | - | 316 | 308 | 72 | - | -83 | - | - | 779 | 495 |
| Naphtha for Petro. Feed. Use | - | 316 | 306 | 108 | - | -83 | - | - | 813 | 495 |
| Other Oils for Petro. Feed. Use | - | 0 | 2 | -36 | - | 0 | - | - | -34 | 0 |
| Special Naphthas | - | 14 | 0 | 4 | - | 1 | - | 256 | -239 | 57 |
| Lubricants | - | 503 | 76 | 511 | - | 224 | - | 114 | 752 | 1,611 |
| Waxes | - | 24 | 23 | 0 | - | 25 | - | 33 | -11 | 175 |
| Petroleum Coke | - | 1,544 | 302 | - | - | 20 | - | 142 | 1,684 | 171 |
| Marketable | - | 472 | 302 | - | - | 20 | - | 142 | 612 | 171 |
| Catalyst | - | 1,072 | - | - | - | - | - | - | 1,072 | - |
| Asphalt and Road Oil | - | 1,194 | 231 | 631 | - | -143 | - | 155 | 2,044 | 4,204 |
| Still Gas | - | 1,696 | - | - | - | - | - | - | 1,696 | - |
| Miscellaneous Products | - | 60 | 0 | 0 | - | -88 | - | 7 | 141 | 68 |
| Total | 1,257 | 96,558 | 96,326 | 89,223 | 5,900 | 11,022 | 94,081 | 3,150 | 181,010 | 182,081 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^f Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^g Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 6. PAD District 1--Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|----------------|--------------------------|---------------------------|---------------------------------|---------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 7,661 | - | 517,634 | -5,544 | 4,695 | 1,704 | 520,217 | 2,525 | 0 | 14,613 |
| Natural Gas Liquids and LRGs | 6,786 | 19,053 | 27,004 | 32,207 | - | -961 | 7,010 | 683 | 78,318 | 5,620 |
| Pentanes Plus | 1,132 | - | 340 | 0 | - | -8 | 0 | 35 | 1,445 | 26 |
| Liquefied Petroleum Gases | 5,654 | 19,053 | 26,664 | 32,207 | - | -953 | 7,010 | 648 | 76,873 | 5,594 |
| Ethane/Ethylene | 97 | 183 | 0 | 0 | - | 0 | 0 | 0 | 280 | 0 |
| Propane/Propylene | 3,750 | 18,065 | 21,937 | 31,673 | - | -1,127 | 0 | 275 | 76,277 | 3,423 |
| Normal Butane/Butylene | 1,219 | -129 | 2,472 | 453 | - | 90 | 1,700 | 373 | 1,852 | 1,798 |
| Isobutane/Isobutylene | 588 | 934 | 2,255 | 81 | - | 84 | 5,310 | 0 | -1,536 | 373 |
| Other Liquids | - | - | 324,315 | 141,722 | 26,479 | 8,977 | 487,398 | 1,829 | -5,688 | 48,841 |
| Other Hydrocarbons/Oxygenates | - | - | 9,031 | 0 | 60,679 | 1,331 | 66,859 | 1,520 | 0 | 4,733 |
| Unfinished Oils | - | - | 63,313 | -1,562 | - | -272 | 67,711 | 0 | -5,688 | 7,081 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 251,971 | 143,284 | -34,200 | 7,918 | 352,828 | 309 | 0 | 37,027 |
| Reformulated | - | - | 103,506 | 82,028 | -36,853 | 3,124 | 145,556 | 0 | 0 | 20,570 |
| Conventional | - | - | 148,465 | 61,256 | 2,653 | 4,794 | 207,272 | 308 | 0 | 16,457 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 1,027,081 | 270,683 | 787,797 | 39,273 | -4,214 | - | 68,191 | 2,060,857 | 113,007 |
| Finished Motor Gasoline | - | 689,101 | 88,885 | 361,783 | 39,273 | -3,423 | - | 7,061 | 1,175,404 | 25,657 |
| Reformulated | - | 435,695 | 0 | 0 | 38,900 | 80 | - | 614 | 473,901 | 246 |
| Conventional | - | 253,406 | 88,885 | 361,783 | 373 | -3,503 | - | 6,447 | 701,503 | 25,411 |
| Finished Aviation Gasoline | - | 0 | 34 | 1,006 | - | -34 | - | 0 | 1,074 | 102 |
| Kerosene-Type Jet Fuel | - | 33,634 | 26,905 | 158,081 | - | -79 | - | 1,511 | 217,188 | 8,910 |
| Kerosene | - | 3,599 | 753 | 0 | - | -474 | - | 923 | 3,903 | 1,537 |
| Distillate Fuel Oil ^e | - | 173,718 | 66,466 | 244,800 | 0 | 1,460 | - | 23,845 | 459,679 | 56,759 |
| 15 ppm sulfur and under ^f | - | 95,841 | 40,270 | 142,681 | -992 | 628 | - | 0 | 277,172 | 18,351 |
| Greater than 15 ppm to 500 ppm sulfur ^f | - | 11,279 | 4,387 | 38,365 | 992 | 636 | - | 20,801 | 33,586 | 8,076 |
| Greater than 500 ppm sulfur | - | 66,598 | 21,809 | 63,754 | - | 196 | - | 3,045 | 148,920 | 30,332 |
| Residual Fuel Oil ^g | - | 41,504 | 73,667 | 7,598 | - | -1,412 | - | 24,561 | 99,620 | 13,261 |
| Less than 0.31 percent sulfur | - | 16,517 | 4,083 | 2,004 | - | -298 | - | - | - | 3,306 |
| 0.31 to 1.00 percent sulfur | - | 13,404 | 13,534 | 676 | - | -1,044 | - | - | - | 5,465 |
| Greater than 1.00 percent sulfur | - | 11,583 | 56,050 | 4,918 | - | -70 | - | - | - | 4,490 |
| Petrochemical Feedstocks | - | 6,185 | 3,110 | 1,351 | - | -242 | - | - | 10,888 | 495 |
| Naphtha for Petro. Feed. Use | - | 6,185 | 3,033 | 1,758 | - | -242 | - | - | 11,218 | 495 |
| Other Oils for Petro. Feed. Use | - | 0 | 77 | -407 | - | 0 | - | - | -330 | 0 |
| Special Naphthas | - | 245 | 933 | 35 | - | -4 | - | 302 | 915 | 57 |
| Lubricants | - | 6,211 | 1,170 | 6,179 | - | -47 | - | 2,355 | 11,252 | 1,611 |
| Waxes | - | 298 | 480 | 25 | - | 9 | - | 560 | 234 | 175 |
| Petroleum Coke | - | 19,336 | 3,604 | - | - | 91 | - | 4,177 | 18,672 | 171 |
| Marketable | - | 7,138 | 3,604 | - | - | 91 | - | 4,177 | 6,474 | 171 |
| Catalyst | - | 12,198 | - | - | - | - | - | - | 12,198 | - |
| Asphalt and Road Oil | - | 30,097 | 4,671 | 6,853 | - | -37 | - | 2,752 | 38,906 | 4,204 |
| Still Gas | - | 22,143 | - | - | - | - | - | - | 22,143 | - |
| Miscellaneous Products | - | 1,010 | 5 | 86 | - | -22 | - | 143 | 980 | 68 |
| Total | 14,447 | 1,046,134 | 1,139,636 | 956,182 | 70,447 | 5,506 | 1,014,625 | 73,228 | 2,133,487 | 182,081 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^f Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^g Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 7. PAD District 1--Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|---|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 22 | - | 1,296 | 14 | -28 | 22 | 1,282 | 0 | 0 |
| Natural Gas Liquids and LRGs | 19 | 27 | 105 | 147 | - | -6 | 27 | 1 | 275 |
| Pentanes Plus | 3 | - | 0 | 0 | - | 0 | 0 | 0 | 3 |
| Liquefied Petroleum Gases | 16 | 27 | 105 | 147 | - | -6 | 27 | 1 | 272 |
| Ethane/Ethylene | 0 | 1 | 0 | 0 | - | 0 | 0 | 0 | 1 |
| Propane/Propylene | 11 | 44 | 78 | 140 | - | -13 | 0 | 1 | 285 |
| Normal Butane/Butylene | 3 | -24 | 24 | 5 | - | 2 | 9 | 0 | -3 |
| Isobutane/Isobutylene | 2 | 6 | 3 | 2 | - | 5 | 18 | 0 | -10 |
| Other Liquids | - | - | 1,015 | 574 | 281 | 159 | 1,726 | 5 | -20 |
| Other Hydrocarbons/Oxygenates | - | - | 9 | 0 | 205 | -24 | 234 | 4 | 0 |
| Unfinished Oils | - | - | 181 | -32 | - | -9 | 178 | 0 | -20 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 824 | 606 | 75 | 192 | 1,314 | 0 | 0 |
| Reformulated | - | - | 287 | 274 | -99 | 132 | 331 | 0 | 0 |
| Conventional | - | - | 537 | 332 | 175 | 60 | 983 | 0 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 3,088 | 692 | 2,144 | -63 | 180 | - | 96 | 5,584 |
| Finished Motor Gasoline | - | 2,272 | 108 | 911 | -63 | 82 | - | 1 | 3,147 |
| Reformulated | - | 1,220 | 0 | 0 | 105 | 5 | - | 1 | 1,320 |
| Conventional | - | 1,052 | 108 | 911 | -168 | 77 | - | 0 | 1,827 |
| Finished Aviation Gasoline | - | 0 | 0 | 3 | - | 1 | - | 0 | 2 |
| Kerosene-Type Jet Fuel | - | 73 | 55 | 399 | - | 1 | - | 9 | 518 |
| Kerosene | - | 17 | 10 | 0 | - | 2 | - | 0 | 26 |
| Distillate Fuel Oil ^e | - | 444 | 234 | 777 | 0 | 121 | - | 44 | 1,289 |
| 15 ppm sulfur and under ^f | - | 224 | 94 | 407 | -1 | 68 | - | 0 | 656 |
| Greater than 15 ppm to 500 ppm ^f | - | 22 | 39 | 93 | 1 | 58 | - | 44 | 52 |
| Greater than 500 ppm sulfur | - | 198 | 101 | 278 | - | -5 | - | 0 | 581 |
| Residual Fuel Oil ^g | - | 109 | 254 | 14 | - | -24 | - | 19 | 382 |
| Less than 0.31 percent sulfur | - | 54 | 5 | 0 | - | -23 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 30 | 105 | 0 | - | 30 | - | - | - |
| Greater than 1.00 percent sulfur | - | 25 | 143 | 14 | - | -31 | - | - | - |
| Petrochemical Feedstocks | - | 10 | 10 | 2 | - | -3 | - | - | 25 |
| Naphtha for Petro. Feed. Use | - | 10 | 10 | 3 | - | -3 | - | - | 26 |
| Other Oils for Petro. Feed. Use | - | 0 | 0 | -1 | - | 0 | - | - | -1 |
| Special Naphthas | - | 0 | 0 | 0 | - | 0 | - | 8 | -8 |
| Lubricants | - | 16 | 2 | 16 | - | 7 | - | 4 | 24 |
| Waxes | - | 1 | 1 | 0 | - | 1 | - | 1 | 0 |
| Petroleum Coke | - | 50 | 10 | - | - | 1 | - | 5 | 54 |
| Marketable | - | 15 | 10 | - | - | 1 | - | 5 | 20 |
| Catalyst | - | 35 | - | - | - | - | - | - | 35 |
| Asphalt and Road Oil | - | 39 | 7 | 20 | - | -5 | - | 5 | 66 |
| Still Gas | - | 55 | - | - | - | - | - | - | 55 |
| Miscellaneous Products | - | 2 | 0 | 0 | - | -3 | - | 0 | 5 |
| Total | 41 | 3,115 | 3,107 | 2,878 | 190 | 356 | 3,035 | 102 | 5,839 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^f Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^g Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 8. PAD District 1--Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 21 | - | 1,414 | -15 | 13 | 5 | 1,421 | 7 | 0 |
| Natural Gas Liquids and LRGs | 19 | 52 | 74 | 88 | - | -3 | 19 | 2 | 214 |
| Pentanes Plus | 3 | - | 1 | 0 | - | 0 | 0 | 0 | 4 |
| Liquefied Petroleum Gases | 15 | 52 | 73 | 88 | - | -3 | 19 | 2 | 210 |
| Ethane/Ethylene | 0 | 1 | 0 | 0 | - | 0 | 0 | 0 | 1 |
| Propane/Propylene | 10 | 49 | 60 | 87 | - | -3 | 0 | 1 | 208 |
| Normal Butane/Butylene | 3 | 0 | 7 | 1 | - | 0 | 5 | 1 | 5 |
| Isobutane/Isobutylene | 2 | 3 | 6 | 0 | - | 0 | 15 | 0 | -4 |
| Other Liquids | - | - | 886 | 387 | 72 | 25 | 1,332 | 5 | -16 |
| Other Hydrocarbons/Oxygenates | - | - | 25 | 0 | 166 | 4 | 183 | 4 | 0 |
| Unfinished Oils | - | - | 173 | -4 | - | -1 | 185 | 0 | -16 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 688 | 391 | -93 | 22 | 964 | 1 | 0 |
| Reformulated | - | - | 283 | 224 | -101 | 9 | 398 | 0 | 0 |
| Conventional | - | - | 406 | 167 | 7 | 13 | 566 | 1 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 2,806 | 740 | 2,152 | 107 | -12 | - | 186 | 5,631 |
| Finished Motor Gasoline | - | 1,883 | 243 | 988 | 107 | -9 | - | 19 | 3,211 |
| Reformulated | - | 1,190 | 0 | 0 | 106 | 0 | - | 2 | 1,295 |
| Conventional | - | 692 | 243 | 988 | 1 | -10 | - | 18 | 1,917 |
| Finished Aviation Gasoline | - | 0 | 0 | 3 | - | 0 | - | 0 | 3 |
| Kerosene-Type Jet Fuel | - | 92 | 74 | 432 | - | 0 | - | 4 | 593 |
| Kerosene | - | 10 | 2 | 0 | - | -1 | - | 3 | 11 |
| Distillate Fuel Oil ^e | - | 475 | 182 | 669 | 0 | 4 | - | 65 | 1,256 |
| 15 ppm sulfur and under ^f | - | 262 | 110 | 390 | -3 | 2 | - | 0 | 757 |
| Greater than 15 ppm to 500 ppm sulfur ^f | - | 31 | 12 | 105 | 3 | 2 | - | 57 | 92 |
| Greater than 500 ppm sulfur | - | 182 | 60 | 174 | - | 1 | - | 8 | 407 |
| Residual Fuel Oil ^g | - | 113 | 201 | 21 | - | -4 | - | 67 | 272 |
| Less than 0.31 percent sulfur | - | 45 | 11 | 5 | - | -1 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 37 | 37 | 2 | - | -3 | - | - | - |
| Greater than 1.00 percent sulfur | - | 32 | 153 | 13 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 17 | 8 | 4 | - | -1 | - | - | 30 |
| Naphtha for Petro. Feed. Use | - | 17 | 8 | 5 | - | -1 | - | - | 31 |
| Other Oils for Petro. Feed. Use | - | 0 | 0 | -1 | - | 0 | - | - | -1 |
| Special Naphthas | - | 1 | 3 | 0 | - | 0 | - | 1 | 3 |
| Lubricants | - | 17 | 3 | 17 | - | 0 | - | 6 | 31 |
| Waxes | - | 1 | 1 | 0 | - | 0 | - | 2 | 1 |
| Petroleum Coke | - | 53 | 10 | - | - | 0 | - | 11 | 51 |
| Marketable | - | 20 | 10 | - | - | 0 | - | 11 | 18 |
| Catalyst | - | 33 | - | - | - | - | - | - | 33 |
| Asphalt and Road Oil | - | 82 | 13 | 19 | - | 0 | - | 8 | 106 |
| Still Gas | - | 61 | - | - | - | - | - | - | 61 |
| Miscellaneous Products | - | 3 | 0 | 0 | - | 0 | - | 0 | 3 |
| Total | 39 | 2,858 | 3,114 | 2,613 | 192 | 15 | 2,772 | 200 | 5,829 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^f Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^g Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 9. PAD District 2--Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 17,504 | - | 39,348 | 42,684 | 7,868 | 8,979 | 97,015 | 1,410 | 0 | 79,747 |
| Cushing, Oklahoma | - | - | - | - | - | 9,564 | - | - | - | 32,886 |
| Natural Gas Liquids and LRGs | 7,952 | 848 | 4,032 | 3,731 | - | -7,661 | 4,529 | 752 | 18,943 | 33,529 |
| Pentanes Plus | 1,006 | - | 20 | 1,207 | - | -1,065 | 1,202 | 711 | 1,385 | 2,935 |
| Liquefied Petroleum Gases | 6,946 | 848 | 4,012 | 2,524 | - | -6,596 | 3,327 | 41 | 17,558 | 30,594 |
| Ethane/Ethylene | 2,403 | 0 | 7 | -1,019 | - | -193 | 0 | 0 | 1,584 | 3,099 |
| Propane/Propylene | 3,016 | 2,645 | 3,715 | 3,088 | - | -3,225 | 0 | 11 | 15,678 | 18,380 |
| Normal Butane/Butylene | 988 | -1,765 | 218 | -259 | - | -2,976 | 1,827 | 29 | 302 | 6,959 |
| Isobutane/Isobutylene | 539 | -32 | 72 | 714 | - | -202 | 1,500 | 0 | -5 | 2,156 |
| Other Liquids | - | - | 10 | 5,312 | 4,205 | -345 | 10,881 | 11 | -1,020 | 37,334 |
| Other Hydrocarbons/Oxygenates | - | - | 3 | 0 | 5,876 | -408 | 6,277 | 10 | 0 | 5,749 |
| Unfinished Oils | - | - | 0 | 742 | - | -502 | 2,264 | 0 | -1,020 | 12,884 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 7 | 4,570 | -1,671 | 565 | 2,340 | 1 | 0 | 18,701 |
| Reformulated | - | - | 7 | 1,651 | -140 | 143 | 1,375 | 0 | 0 | 5,896 |
| Conventional | - | - | 0 | 2,919 | -1,531 | 422 | 965 | 1 | 0 | 12,805 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 117,201 | 760 | 23,098 | 3,461 | 3,122 | - | 1,610 | 139,788 | 83,429 |
| Finished Motor Gasoline | - | 63,262 | 5 | 12,009 | 3,461 | -1,431 | - | 307 | 79,861 | 29,452 |
| Reformulated | - | 11,624 | 0 | 0 | 156 | -14 | - | 0 | 11,793 | 0 |
| Conventional | - | 51,638 | 5 | 12,009 | 3,305 | -1,417 | - | 307 | 68,068 | 29,452 |
| Finished Aviation Gasoline | - | 40 | 4 | 18 | - | -1 | - | 0 | 63 | 280 |
| Kerosene-Type Jet Fuel | - | 5,724 | 0 | 1,860 | - | 45 | - | 194 | 7,345 | 7,199 |
| Kerosene | - | 69 | 2 | 78 | - | 17 | - | 0 | 132 | 140 |
| Distillate Fuel Oil | - | 31,638 | 212 | 8,757 | 0 | 3,605 | - | 405 | 36,597 | 32,635 |
| 15 ppm sulfur and under ^e | - | 28,907 | 71 | 6,899 | -184 | 3,417 | - | 0 | 32,276 | 26,178 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 1,607 | 141 | 1,594 | 184 | 263 | - | 376 | 2,887 | 3,999 |
| Greater than 500 ppm sulfur | - | 1,124 | 0 | 264 | - | -75 | - | 30 | 1,433 | 2,458 |
| Residual Fuel Oil ^f | - | 1,497 | 142 | -404 | - | -73 | - | 239 | 1,069 | 1,307 |
| Less than 0.31 percent sulfur | - | 0 | 2 | 0 | - | -5 | - | - | - | 4 |
| 0.31 to 1.00 percent sulfur | - | 352 | 64 | 0 | - | -74 | - | - | - | 134 |
| Greater than 1.00 percent sulfur | - | 1,145 | 76 | -404 | - | 6 | - | - | - | 1,169 |
| Petrochemical Feedstocks | - | 422 | 113 | 335 | - | -116 | - | - | 986 | 489 |
| Naphtha for Petro. Feed. Use | - | 406 | 79 | 250 | - | -102 | - | - | 837 | 387 |
| Other Oils for Petro. Feed. Use | - | 16 | 34 | 85 | - | -14 | - | - | 149 | 102 |
| Special Naphthas | - | 111 | 12 | 35 | - | 28 | - | 1 | 129 | 271 |
| Lubricants | - | 153 | 79 | 346 | - | -10 | - | 79 | 509 | 1,228 |
| Waxes | - | 40 | 3 | 0 | - | -5 | - | 24 | 24 | 18 |
| Petroleum Coke | - | 4,275 | 72 | - | - | 171 | - | 234 | 3,942 | 1,118 |
| Marketable | - | 3,003 | 72 | - | - | 171 | - | 234 | 2,670 | 1,118 |
| Catalyst | - | 1,272 | - | - | - | - | - | - | 1,272 | - |
| Asphalt and Road Oil | - | 5,437 | 110 | 61 | - | 911 | - | 127 | 4,570 | 9,042 |
| Still Gas | - | 4,138 | - | - | - | - | - | - | 4,138 | - |
| Miscellaneous Products | - | 395 | 6 | 3 | - | -19 | - | 1 | 422 | 250 |
| Total | 25,456 | 118,049 | 44,150 | 74,825 | 15,534 | 4,095 | 112,425 | 3,783 | 157,711 | 234,039 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 10. PAD District 2--Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|----------------|--------------------------|---------------------------|---------------------------------|---------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 194,012 | - | 430,511 | 557,237 | 24,497 | 19,668 | 1,178,709 | 7,880 | 0 | 79,747 |
| Cushing, Oklahoma | - | - | - | - | - | 16,144 | - | - | - | 32,886 |
| Natural Gas Liquids and LRGs | 113,915 | 42,272 | 35,153 | 9,291 | - | -2,793 | 39,043 | 11,561 | 152,820 | 33,529 |
| Pentanes Plus | 12,874 | - | 244 | 11,422 | - | -21 | 13,171 | 8,667 | 2,723 | 2,935 |
| Liquefied Petroleum Gases | 101,041 | 42,272 | 34,909 | -2,131 | - | -2,772 | 25,872 | 2,895 | 150,096 | 30,594 |
| Ethane/Ethylene | 45,495 | 3 | 121 | -24,587 | - | -31 | 0 | 0 | 21,063 | 3,099 |
| Propane/Propylene | 36,956 | 36,673 | 30,446 | 14,572 | - | -1,165 | 0 | 468 | 119,344 | 18,380 |
| Normal Butane/Butylene | 10,446 | 5,983 | 2,704 | 1,882 | - | -1,464 | 9,374 | 2,427 | 10,678 | 6,959 |
| Isobutane/Isobutylene | 8,144 | -387 | 1,638 | 6,002 | - | -112 | 16,498 | 0 | -989 | 2,156 |
| Other Liquids | - | - | 346 | 59,213 | 18,957 | 2,686 | 92,653 | 704 | -17,527 | 37,334 |
| Other Hydrocarbons/Oxygenates | - | - | 79 | 0 | 69,748 | 1,327 | 68,039 | 461 | 0 | 5,749 |
| Unfinished Oils | - | - | 236 | 6,097 | - | -213 | 24,107 | 0 | -17,561 | 12,884 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 31 | 53,116 | -50,792 | 1,597 | 516 | 242 | 0 | 18,701 |
| Reformulated | - | - | 7 | 27,023 | -4,655 | -1,299 | 23,674 | 0 | 0 | 5,896 |
| Conventional | - | - | 24 | 26,093 | -46,137 | 2,896 | -23,158 | 242 | 0 | 12,805 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | -25 | -9 | 0 | 34 | 0 |
| Finished Petroleum Products | - | 1,334,591 | 9,197 | 287,373 | 75,839 | -4,574 | - | 26,485 | 1,685,090 | 83,429 |
| Finished Motor Gasoline | - | 689,775 | 229 | 163,684 | 75,839 | -6,166 | - | 6,501 | 929,192 | 29,452 |
| Reformulated | - | 136,366 | 0 | 0 | 5,116 | -8 | - | 205 | 141,286 | 0 |
| Conventional | - | 553,409 | 229 | 163,684 | 70,723 | -6,158 | - | 6,297 | 787,906 | 29,452 |
| Finished Aviation Gasoline | - | 1,112 | 27 | 559 | - | 46 | - | 0 | 1,652 | 280 |
| Kerosene-Type Jet Fuel | - | 76,064 | 0 | 29,504 | - | -592 | - | 3,152 | 103,008 | 7,199 |
| Kerosene | - | 423 | 7 | 236 | - | -129 | - | 518 | 277 | 140 |
| Distillate Fuel Oil | - | 361,416 | 1,602 | 90,315 | 0 | 2,513 | - | 4,312 | 446,508 | 32,635 |
| 15 ppm sulfur and under ^e | - | 319,734 | 828 | 70,186 | -1,487 | 4,992 | - | 0 | 384,269 | 26,178 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 26,259 | 703 | 14,939 | 1,487 | -2,545 | - | 2,702 | 43,231 | 3,999 |
| Greater than 500 ppm sulfur | - | 15,423 | 71 | 5,190 | - | 66 | - | 1,610 | 19,008 | 2,458 |
| Residual Fuel Oil ^f | - | 19,161 | 1,719 | -3,811 | - | -2 | - | 2,807 | 14,264 | 1,307 |
| Less than 0.31 percent sulfur | - | 1 | 2 | 135 | - | -17 | - | - | - | 4 |
| 0.31 to 1.00 percent sulfur | - | 2,247 | 827 | -15 | - | 2 | - | - | - | 134 |
| Greater than 1.00 percent sulfur | - | 16,913 | 890 | -3,931 | - | 13 | - | - | - | 1,169 |
| Petrochemical Feedstocks | - | 12,449 | 1,594 | 1,472 | - | -44 | - | - | 15,559 | 489 |
| Naphtha for Petro. Feed. Use | - | 9,577 | 976 | 852 | - | -44 | - | - | 11,449 | 387 |
| Other Oils for Petro. Feed. Use | - | 2,872 | 618 | 620 | - | 0 | - | - | 4,110 | 102 |
| Special Naphthas | - | 1,173 | 274 | 423 | - | 22 | - | 4 | 1,844 | 271 |
| Lubricants | - | 4,242 | 1,179 | 6,116 | - | 16 | - | 2,136 | 9,385 | 1,228 |
| Waxes | - | 767 | 59 | -25 | - | -41 | - | 331 | 511 | 18 |
| Petroleum Coke | - | 51,784 | 928 | - | - | 157 | - | 4,127 | 48,428 | 1,118 |
| Marketable | - | 36,779 | 928 | - | - | 157 | - | 4,127 | 33,423 | 1,118 |
| Catalyst | - | 15,005 | - | - | - | - | - | - | 15,005 | - |
| Asphalt and Road Oil | - | 63,914 | 1,498 | -1,132 | - | -356 | - | 2,522 | 62,114 | 9,042 |
| Still Gas | - | 47,653 | - | - | - | - | - | - | 47,653 | - |
| Miscellaneous Products | - | 4,658 | 81 | 32 | - | 2 | - | 74 | 4,695 | 250 |
| Total | 307,927 | 1,376,863 | 475,207 | 913,114 | 119,293 | 14,987 | 1,310,405 | 46,630 | 1,820,382 | 234,039 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 11. PAD District 2--Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 565 | - | 1,269 | 1,377 | 254 | 290 | 3,130 | 45 | 0 |
| Cushing, Oklahoma | - | - | - | - | - | 309 | - | - | - |
| Natural Gas Liquids and LRGs | 257 | 27 | 130 | 120 | - | -247 | 146 | 24 | 611 |
| Pentanes Plus | 32 | 0 | 1 | 39 | - | -34 | 39 | 23 | 45 |
| Liquefied Petroleum Gases | 224 | 27 | 129 | 81 | - | -213 | 107 | 1 | 566 |
| Ethane/Ethylene | 78 | 0 | 0 | -33 | - | -6 | 0 | 0 | 51 |
| Propane/Propylene | 97 | 85 | 120 | 100 | - | -104 | 0 | 0 | 506 |
| Normal Butane/Butylene | 32 | -57 | 7 | -8 | - | -96 | 59 | 1 | 10 |
| Isobutane/Isobutylene | 17 | -1 | 2 | 23 | - | -7 | 48 | 0 | 0 |
| Other Liquids | - | - | 0 | 171 | 136 | -11 | 351 | 0 | -33 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 190 | -13 | 202 | 0 | 0 |
| Unfinished Oils | - | - | 0 | 24 | - | -16 | 73 | 0 | -33 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 147 | -54 | 18 | 75 | 0 | 0 |
| Reformulated | - | - | 0 | 53 | -5 | 5 | 44 | 0 | 0 |
| Conventional | - | - | 0 | 94 | -49 | 14 | 31 | 0 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 3,781 | 25 | 745 | 112 | 101 | - | 52 | 4,509 |
| Finished Motor Gasoline | - | 2,041 | 0 | 387 | 112 | -46 | - | 10 | 2,576 |
| Reformulated | - | 375 | 0 | 0 | 5 | 0 | - | 0 | 380 |
| Conventional | - | 1,666 | 0 | 387 | 107 | -46 | - | 10 | 2,196 |
| Finished Aviation Gasoline | - | 1 | 0 | 1 | - | 0 | - | 0 | 2 |
| Kerosene-Type Jet Fuel | - | 185 | 0 | 60 | - | 1 | - | 6 | 237 |
| Kerosene | - | 2 | 0 | 3 | - | 1 | - | 0 | 4 |
| Distillate Fuel Oil | - | 1,021 | 7 | 282 | 0 | 116 | - | 13 | 1,181 |
| 15 ppm sulfur and under ^e | - | 932 | 2 | 223 | -6 | 110 | - | 0 | 1,041 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 52 | 5 | 51 | 6 | 8 | - | 12 | 93 |
| Greater than 500 ppm sulfur | - | 36 | 0 | 9 | - | -2 | - | 1 | 46 |
| Residual Fuel Oil ^f | - | 48 | 5 | -13 | - | -2 | - | 8 | 34 |
| Less than 0.31 percent sulfur | - | 0 | 0 | 0 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 11 | 2 | 0 | - | -2 | - | - | - |
| Greater than 1.00 percent sulfur | - | 37 | 2 | -13 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 14 | 4 | 11 | - | -4 | - | - | 32 |
| Naphtha for Petro. Feed. Use | - | 13 | 3 | 8 | - | -3 | - | - | 27 |
| Other Oils for Petro. Feed. Use | - | 1 | 1 | 3 | - | 0 | - | - | 5 |
| Special Naphthas | - | 4 | 0 | 1 | - | 1 | - | 0 | 4 |
| Lubricants | - | 5 | 3 | 11 | - | 0 | - | 3 | 16 |
| Waxes | - | 1 | 0 | 0 | - | 0 | - | 1 | 1 |
| Petroleum Coke | - | 138 | 2 | - | - | 6 | - | 8 | 127 |
| Marketable | - | 97 | 2 | - | - | 6 | - | 8 | 86 |
| Catalyst | - | 41 | - | - | - | - | - | - | 41 |
| Asphalt and Road Oil | - | 175 | 4 | 2 | - | 29 | - | 4 | 147 |
| Still Gas | - | 133 | 0 | - | - | - | - | - | 133 |
| Miscellaneous Products | - | 13 | 0 | 0 | - | -1 | - | 0 | 14 |
| Total | 821 | 3,808 | 1,424 | 2,414 | 501 | 132 | 3,627 | 122 | 5,087 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 12. PAD District 2--Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 530 | - | 1,176 | 1,523 | 67 | 54 | 3,221 | 22 | 0 |
| Cushing, Oklahoma | - | - | - | - | - | 44 | - | - | - |
| Natural Gas Liquids and LRGs | 311 | 115 | 96 | 25 | - | -8 | 107 | 32 | 418 |
| Pentanes Plus | 35 | 0 | 1 | 31 | - | 0 | 36 | 24 | 7 |
| Liquefied Petroleum Gases | 276 | 115 | 95 | -6 | - | -8 | 71 | 8 | 410 |
| Ethane/Ethylene | 124 | 0 | 0 | -67 | - | 0 | 0 | 0 | 58 |
| Propane/Propylene | 101 | 100 | 83 | 40 | - | -3 | 0 | 1 | 326 |
| Normal Butane/Butylene | 29 | 16 | 7 | 5 | - | -4 | 26 | 7 | 29 |
| Isobutane/Isobutylene | 22 | -1 | 4 | 16 | - | 0 | 45 | 0 | -3 |
| Other Liquids | - | - | 1 | 162 | 52 | 7 | 253 | 2 | -48 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 191 | 4 | 186 | 1 | 0 |
| Unfinished Oils | - | - | 1 | 17 | - | -1 | 66 | 0 | -48 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 145 | -139 | 4 | 1 | 1 | 0 |
| Reformulated | - | - | 0 | 74 | -13 | -4 | 65 | 0 | 0 |
| Conventional | - | - | 0 | 71 | -126 | 8 | -63 | 1 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 3,646 | 25 | 785 | 207 | -12 | - | 72 | 4,604 |
| Finished Motor Gasoline | - | 1,885 | 1 | 447 | 207 | -17 | - | 18 | 2,539 |
| Reformulated | - | 373 | 0 | 0 | 14 | 0 | - | 1 | 386 |
| Conventional | - | 1,512 | 1 | 447 | 193 | -17 | - | 17 | 2,153 |
| Finished Aviation Gasoline | - | 3 | 0 | 2 | - | 0 | - | 0 | 5 |
| Kerosene-Type Jet Fuel | - | 208 | 0 | 81 | - | -2 | - | 9 | 281 |
| Kerosene | - | 1 | 0 | 1 | - | 0 | - | 1 | 1 |
| Distillate Fuel Oil | - | 987 | 4 | 247 | 0 | 7 | - | 12 | 1,220 |
| 15 ppm sulfur and under ^e | - | 874 | 2 | 192 | -4 | 14 | - | 0 | 1,050 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 72 | 2 | 41 | 4 | -7 | - | 7 | 118 |
| Greater than 500 ppm sulfur | - | 42 | 0 | 14 | - | 0 | - | 4 | 52 |
| Residual Fuel Oil ^f | - | 52 | 5 | -10 | - | 0 | - | 8 | 39 |
| Less than 0.31 percent sulfur | - | 0 | 0 | 0 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 6 | 2 | 0 | - | 0 | - | - | - |
| Greater than 1.00 percent sulfur | - | 46 | 2 | -11 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 34 | 4 | 4 | - | 0 | - | - | 43 |
| Naphtha for Petro. Feed. Use | - | 26 | 3 | 2 | - | 0 | - | - | 31 |
| Other Oils for Petro. Feed. Use | - | 8 | 2 | 2 | - | 0 | - | - | 11 |
| Special Naphthas | - | 3 | 1 | 1 | - | 0 | - | 0 | 5 |
| Lubricants | - | 12 | 3 | 17 | - | 0 | - | 6 | 26 |
| Waxes | - | 2 | 0 | 0 | - | 0 | - | 1 | 1 |
| Petroleum Coke | - | 141 | 3 | - | - | 0 | - | 11 | 132 |
| Marketable | - | 100 | 3 | - | - | 0 | - | 11 | 91 |
| Catalyst | - | 41 | - | - | - | - | - | - | 41 |
| Asphalt and Road Oil | - | 175 | 4 | -3 | - | -1 | - | 7 | 170 |
| Still Gas | - | 130 | 0 | - | - | - | - | - | 130 |
| Miscellaneous Products | - | 13 | 0 | 0 | - | 0 | - | 0 | 13 |
| Total | 841 | 3,762 | 1,298 | 2,495 | 326 | 41 | 3,580 | 127 | 4,974 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 13. PAD District 3--Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|-----------------|--------------------------|---------------------------|---------------------------------|---------------|--------------------------------|------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 87,599 | - | 166,688 | -38,536 | -6,152 | -7,206 | 216,805 | 0 | 0 | 864,467 |
| Commercial | 87,599 | - | 166,688 | - | -6,152 | -7,201 | 216,805 | 0 | - | 162,644 |
| Strategic Petroleum Reserve (SPR) | - | - | 0 | - | - | -5 | - | - | - | 701,823 |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 0 | - | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 31,606 | 8,009 | 1,392 | -2,460 | - | -2,381 | 9,908 | 943 | 30,077 | 81,481 |
| Pentanes Plus | 4,255 | - | 654 | -441 | - | 2,205 | 2,707 | 0 | -444 | 10,516 |
| Liquefied Petroleum Gases | 27,351 | 8,009 | 738 | -2,019 | - | -4,586 | 7,201 | 943 | 30,521 | 70,965 |
| Ethane/Ethylene | 12,791 | 512 | 0 | 3,935 | - | 901 | 0 | 0 | 16,337 | 24,110 |
| Propane/Propylene | 9,189 | 9,543 | 276 | -6,210 | - | -1,246 | 0 | 699 | 13,345 | 31,333 |
| Normal Butane/Butylene | 1,645 | -2,364 | 341 | 623 | - | -4,113 | 3,382 | 244 | 732 | 11,517 |
| Isobutane/Isobutylene | 3,726 | 318 | 121 | -367 | - | -128 | 3,819 | 0 | 107 | 4,005 |
| Other Liquids | - | - | 18,721 | -26,718 | 4,694 | -1,818 | -7,461 | 1,193 | 4,783 | 79,072 |
| Other Hydrocarbons/Oxygenates | - | - | 111 | 0 | 6,249 | 806 | 4,559 | 995 | 0 | 3,230 |
| Unfinished Oils | - | - | 16,194 | 236 | - | -5,563 | 17,211 | 0 | 4,782 | 41,257 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 2,416 | -26,954 | -1,555 | 2,940 | -29,231 | 198 | 0 | 34,585 |
| Reformulated | - | - | 0 | -12,729 | 2,326 | -714 | -9,694 | 0 | 0 | 9,765 |
| Conventional | - | - | 2,416 | -14,225 | -3,881 | 3,654 | -19,537 | 193 | 0 | 24,820 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | -1 | 0 | 0 | 1 | 0 |
| Finished Petroleum Products | - | 227,322 | 11,068 | -91,897 | 2,206 | 567 | - | 36,835 | 111,298 | 123,037 |
| Finished Motor Gasoline | - | 85,659 | 1,220 | -40,765 | 2,206 | 290 | - | 4,709 | 43,321 | 33,854 |
| Reformulated | - | 12,281 | 0 | 0 | -2,326 | -39 | - | 3 | 9,991 | 382 |
| Conventional | - | 73,378 | 1,220 | -40,765 | 4,532 | 329 | - | 4,706 | 33,330 | 33,472 |
| Finished Aviation Gasoline | - | 352 | 0 | -104 | - | 39 | - | 0 | 209 | 470 |
| Kerosene-Type Jet Fuel | - | 20,122 | 37 | -14,984 | - | -87 | - | 480 | 4,782 | 12,068 |
| Kerosene | - | 525 | 0 | -50 | - | -93 | - | 10 | 558 | 311 |
| Distillate Fuel Oil | - | 72,529 | 442 | -34,071 | 0 | 3,272 | - | 14,068 | 21,560 | 39,621 |
| 15 ppm sulfur and under ^e | - | 46,410 | 0 | -20,654 | -1,257 | 3,580 | - | 0 | 20,919 | 25,694 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 17,618 | 201 | -4,463 | 1,257 | 237 | - | 12,205 | 2,171 | 7,297 |
| Greater than 500 ppm sulfur | - | 8,501 | 241 | -8,954 | - | -545 | - | 1,863 | -1,530 | 6,630 |
| Residual Fuel Oil ^f | - | 8,895 | 2,134 | -18 | - | -1,622 | - | 8,195 | 4,438 | 16,442 |
| Less than 0.31 percent sulfur | - | 901 | 171 | 0 | - | -109 | - | - | - | 1,759 |
| 0.31 to 1.00 percent sulfur | - | 1,072 | 390 | 0 | - | -1,241 | - | - | - | 3,920 |
| Greater than 1.00 percent sulfur | - | 6,922 | 1,573 | -18 | - | -272 | - | - | - | 10,763 |
| Petrochemical Feedstocks | - | 6,747 | 6,280 | -407 | - | -337 | - | - | 12,957 | 1,769 |
| Naphtha for Petro. Feed. Use | - | 2,283 | 2,965 | -358 | - | -124 | - | - | 5,014 | 872 |
| Other Oils for Petro. Feed. Use | - | 4,464 | 3,315 | -49 | - | -213 | - | - | 7,943 | 897 |
| Special Naphthas | - | 888 | 363 | -39 | - | -246 | - | 11 | 1,447 | 1,074 |
| Lubricants | - | 3,244 | 308 | -764 | - | 389 | - | 727 | 1,672 | 6,270 |
| Waxes | - | 91 | 18 | 0 | - | -67 | - | 20 | 156 | 242 |
| Petroleum Coke | - | 14,408 | 266 | - | - | -744 | - | 8,083 | 7,335 | 6,017 |
| Marketable | - | 11,048 | 266 | - | - | -744 | - | 8,083 | 3,975 | 6,017 |
| Catalyst | - | 3,360 | - | - | - | - | - | - | 3,360 | - |
| Asphalt and Road Oil | - | 2,196 | 0 | -692 | - | -270 | - | 235 | 1,539 | 4,081 |
| Still Gas | - | 10,246 | - | - | - | - | - | - | 10,246 | - |
| Miscellaneous Products | - | 1,420 | 0 | -3 | - | 43 | - | 297 | 1,077 | 818 |
| Total | 119,205 | 235,331 | 197,869 | -159,611 | 748 | -10,838 | 219,252 | 38,970 | 146,158 | 1,148,057 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 14. PAD District 3--Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|-------------------|--------------------------|---------------------------|---------------------------------|----------------|--------------------------------|------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 989,324 | - | 2,058,156 | -505,079 | 4,470 | 22,437 | 2,524,434 | 0 | 0 | 864,467 |
| Commercial | 989,324 | - | 2,055,510 | - | 4,470 | 17,555 | 2,524,434 | 0 | - | 162,644 |
| Strategic Petroleum Reserve (SPR) | - | - | 2,646 | - | - | 4,882 | - | - | - | 701,823 |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 2,646 | - | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 410,142 | 138,378 | 29,280 | 36,514 | - | 25,102 | 102,210 | 14,575 | 472,427 | 81,481 |
| Pentanes Plus | 57,039 | - | 7,374 | -1,703 | - | 3,419 | 32,834 | 0 | 26,457 | 10,516 |
| Liquefied Petroleum Gases | 353,103 | 138,378 | 21,906 | 38,217 | - | 21,683 | 69,376 | 14,575 | 445,970 | 70,965 |
| Ethane/Ethylene | 169,478 | 6,485 | 0 | 62,940 | - | 12,793 | 0 | 0 | 226,110 | 24,110 |
| Propane/Propylene | 115,860 | 113,376 | 8,298 | -28,965 | - | 5,652 | 0 | 13,926 | 188,991 | 31,333 |
| Normal Butane/Butylene | 23,661 | 16,647 | 9,990 | 4,884 | - | 2,875 | 28,387 | 649 | 23,271 | 11,517 |
| Isobutane/Isobutylene | 44,104 | 1,870 | 3,618 | -642 | - | 363 | 40,989 | 0 | 7,598 | 4,005 |
| Other Liquids | - | - | 223,942 | -223,689 | 46,080 | 5,923 | 7,169 | 22,511 | 10,730 | 79,072 |
| Other Hydrocarbons/Oxygenates | - | - | 2,102 | 0 | 62,501 | 1,136 | 45,378 | 18,089 | 0 | 3,230 |
| Unfinished Oils | - | - | 194,431 | -4,535 | - | 1,803 | 177,350 | 0 | 10,743 | 41,257 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 27,409 | -219,154 | -16,420 | 2,997 | -215,585 | 4,423 | 0 | 34,585 |
| Reformulated | - | - | 116 | -124,039 | -2,708 | 373 | -127,009 | 0 | 0 | 9,765 |
| Conventional | - | - | 27,293 | -95,115 | -13,713 | 2,624 | -88,576 | 4,417 | 0 | 24,820 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | -13 | 26 | 0 | -13 | 0 |
| Finished Petroleum Products | - | 2,681,863 | 146,809 | -1,135,800 | 21,704 | 5,681 | - | 399,076 | 1,309,820 | 123,037 |
| Finished Motor Gasoline | - | 1,056,268 | 16,508 | -557,936 | 21,704 | -411 | - | 39,114 | 497,841 | 33,854 |
| Reformulated | - | 135,128 | 0 | -17,245 | 3,849 | -41 | - | 745 | 121,027 | 382 |
| Conventional | - | 921,140 | 16,508 | -540,691 | 17,855 | -370 | - | 38,369 | 376,814 | 33,472 |
| Finished Aviation Gasoline | - | 3,596 | 0 | -1,615 | - | -40 | - | 0 | 2,021 | 470 |
| Kerosene-Type Jet Fuel | - | 252,984 | 436 | -199,845 | - | -435 | - | 9,652 | 44,358 | 12,068 |
| Kerosene | - | 7,493 | 0 | -35 | - | -60 | - | 40 | 7,478 | 311 |
| Distillate Fuel Oil | - | 765,548 | 4,857 | -352,229 | 0 | 8,386 | - | 132,826 | 276,964 | 39,621 |
| 15 ppm sulfur and under ^e | - | 510,317 | 381 | -229,904 | -9,044 | 7,783 | - | 0 | 263,967 | 25,694 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 171,767 | 201 | -53,304 | 9,044 | -368 | - | 114,321 | 13,755 | 7,297 |
| Greater than 500 ppm sulfur | - | 83,464 | 4,275 | -69,021 | - | 971 | - | 18,504 | -757 | 6,630 |
| Residual Fuel Oil ^f | - | 108,875 | 39,511 | -3,918 | - | -118 | - | 93,169 | 51,417 | 16,442 |
| Less than 0.31 percent sulfur | - | 9,425 | 2,487 | -2,139 | - | 127 | - | - | - | 1,759 |
| 0.31 to 1.00 percent sulfur | - | 12,136 | 6,566 | -661 | - | -236 | - | - | - | 3,920 |
| Greater than 1.00 percent sulfur | - | 87,314 | 30,458 | -1,118 | - | -9 | - | - | - | 10,763 |
| Petrochemical Feedstocks | - | 100,498 | 73,102 | -2,823 | - | -296 | - | - | 171,073 | 1,769 |
| Naphtha for Petro. Feed. Use | - | 38,727 | 28,190 | -2,610 | - | -144 | - | - | 64,451 | 872 |
| Other Oils for Petro. Feed. Use | - | 61,771 | 44,912 | -213 | - | -152 | - | - | 106,622 | 897 |
| Special Naphthas | - | 13,041 | 4,577 | -458 | - | -168 | - | 2,653 | 14,675 | 1,074 |
| Lubricants | - | 45,050 | 4,104 | -11,102 | - | 94 | - | 14,246 | 23,712 | 6,270 |
| Waxes | - | 2,585 | 530 | 0 | - | -65 | - | 902 | 2,278 | 242 |
| Petroleum Coke | - | 160,518 | 3,141 | - | - | -911 | - | 103,261 | 61,309 | 6,017 |
| Marketable | - | 121,170 | 3,141 | - | - | -911 | - | 103,261 | 21,961 | 6,017 |
| Catalyst | - | 39,348 | - | - | - | - | - | - | 39,348 | - |
| Asphalt and Road Oil | - | 31,856 | 5 | -5,721 | - | -717 | - | 2,080 | 24,777 | 4,081 |
| Still Gas | - | 117,618 | - | - | - | - | - | - | 117,618 | - |
| Miscellaneous Products | - | 15,933 | 38 | -118 | - | 422 | - | 1,131 | 14,300 | 818 |
| Total | 1,399,466 | 2,820,241 | 2,458,187 | -1,828,054 | 72,254 | 59,143 | 2,633,813 | 436,162 | 1,792,976 | 1,148,057 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 15. PAD District 3--Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 2,826 | - | 5,377 | -1,243 | -198 | -232 | 6,994 | 0 | 0 |
| Commercial | 2,826 | - | 5,377 | - | -198 | -232 | 6,994 | 0 | - |
| Strategic Petroleum Reserve (SPR) | - | - | 0 | - | - | 0 | - | - | - |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 0 | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 1,020 | 258 | 45 | -79 | - | -77 | 320 | 30 | 970 |
| Pentanes Plus | 137 | - | 21 | -14 | - | 71 | 87 | 0 | -14 |
| Liquefied Petroleum Gases | 882 | 258 | 24 | -65 | - | -148 | 232 | 30 | 985 |
| Ethane/Ethylene | 413 | 17 | 0 | 127 | - | 29 | 0 | 0 | 527 |
| Propane/Propylene | 296 | 308 | 9 | -200 | - | -40 | 0 | 23 | 430 |
| Normal Butane/Butylene | 53 | -76 | 11 | 20 | - | -133 | 109 | 8 | 24 |
| Isobutane/Isobutylene | 120 | 10 | 4 | -12 | - | -4 | 123 | 0 | 3 |
| Other Liquids | - | - | 604 | -862 | 151 | -59 | -241 | 38 | 154 |
| Other Hydrocarbons/Oxygenates | - | - | 4 | 0 | 202 | 26 | 147 | 32 | 0 |
| Unfinished Oils | - | - | 522 | 8 | - | -179 | 555 | 0 | 154 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 78 | -869 | -50 | 95 | -943 | 6 | 0 |
| Reformulated | - | - | 0 | -411 | 75 | -23 | -313 | 0 | 0 |
| Conventional | - | - | 78 | -459 | -125 | 118 | -630 | 6 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 7,333 | 357 | -2,964 | 71 | 18 | - | 1,188 | 3,590 |
| Finished Motor Gasoline | - | 2,763 | 39 | -1,315 | 71 | 9 | - | 152 | 1,397 |
| Reformulated | - | 396 | 0 | 0 | -75 | -1 | - | 0 | 322 |
| Conventional | - | 2,367 | 39 | -1,315 | 146 | 11 | - | 152 | 1,075 |
| Finished Aviation Gasoline | - | 11 | 0 | -3 | - | 1 | - | 0 | 7 |
| Kerosene-Type Jet Fuel | - | 649 | 1 | -483 | - | -3 | - | 15 | 154 |
| Kerosene | - | 17 | 0 | -2 | - | -3 | - | 0 | 18 |
| Distillate Fuel Oil | - | 2,340 | 14 | -1,099 | 0 | 106 | - | 454 | 695 |
| 15 ppm sulfur and under ^e | - | 1,497 | 0 | -666 | -41 | 115 | - | 0 | 675 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 568 | 6 | -144 | 41 | 8 | - | 394 | 70 |
| Greater than 500 ppm sulfur | - | 274 | 8 | -289 | - | -18 | - | 60 | -49 |
| Residual Fuel Oil ^f | - | 287 | 69 | -1 | - | -52 | - | 264 | 143 |
| Less than 0.31 percent sulfur | - | 29 | 6 | 0 | - | -4 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 35 | 13 | 0 | - | -40 | - | - | - |
| Greater than 1.00 percent sulfur | - | 223 | 51 | -1 | - | -9 | - | - | - |
| Petrochemical Feedstocks | - | 218 | 203 | -13 | - | -11 | - | - | 418 |
| Naphtha for Petro. Feed. Use | - | 74 | 96 | -12 | - | -4 | - | - | 162 |
| Other Oils for Petro. Feed. Use | - | 144 | 107 | -2 | - | -7 | - | - | 256 |
| Special Naphthas | - | 29 | 12 | -1 | - | -8 | - | 0 | 47 |
| Lubricants | - | 105 | 10 | -25 | - | 13 | - | 23 | 54 |
| Waxes | - | 3 | 1 | 0 | - | -2 | - | 1 | 5 |
| Petroleum Coke | - | 465 | 9 | - | - | -24 | - | 261 | 237 |
| Marketable | - | 356 | 9 | - | - | -24 | - | 261 | 128 |
| Catalyst | - | 108 | - | - | - | - | - | - | 108 |
| Asphalt and Road Oil | - | 71 | 0 | -22 | - | -9 | - | 8 | 50 |
| Still Gas | - | 331 | - | - | - | - | - | - | 331 |
| Miscellaneous Products | - | 46 | 0 | 0 | - | 1 | - | 10 | 35 |
| Total | 3,845 | 7,591 | 6,383 | -5,149 | 24 | -350 | 7,073 | 1,257 | 4,715 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 16. PAD District 3--Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 2,703 | - | 5,623 | -1,380 | 12 | 61 | 6,897 | 0 | 0 |
| Commercial | 2,703 | - | 5,616 | - | 12 | 48 | 6,897 | 0 | - |
| Strategic Petroleum Reserve (SPR) | - | - | 7 | - | - | 13 | - | - | - |
| Imports by SPR | - | - | 0 | - | - | - | - | - | - |
| Imports into SPR by Others | - | - | 7 | - | - | - | - | - | - |
| Natural Gas Liquids and LRGs | 1,121 | 378 | 80 | 100 | - | 69 | 279 | 40 | 1,291 |
| Pentanes Plus | 156 | - | 20 | -5 | - | 9 | 90 | 0 | 72 |
| Liquefied Petroleum Gases | 965 | 378 | 60 | 104 | - | 59 | 190 | 40 | 1,218 |
| Ethane/Ethylene | 463 | 18 | 0 | 172 | - | 35 | 0 | 0 | 618 |
| Propane/Propylene | 317 | 310 | 23 | -79 | - | 15 | 0 | 38 | 516 |
| Normal Butane/Butylene | 65 | 45 | 27 | 13 | - | 8 | 78 | 2 | 64 |
| Isobutane/Isobutylene | 121 | 5 | 10 | -2 | - | 1 | 112 | 0 | 21 |
| Other Liquids | - | - | 612 | -611 | 126 | 16 | 20 | 62 | 29 |
| Other Hydrocarbons/Oxygenates | - | - | 6 | 0 | 171 | 3 | 124 | 49 | 0 |
| Unfinished Oils | - | - | 531 | -12 | - | 5 | 485 | 0 | 29 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 75 | -599 | -45 | 8 | -589 | 12 | 0 |
| Reformulated | - | - | 0 | -339 | -7 | 1 | -347 | 0 | 0 |
| Conventional | - | - | 75 | -260 | -37 | 7 | -242 | 12 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 7,327 | 401 | -3,103 | 59 | 16 | - | 1,090 | 3,579 |
| Finished Motor Gasoline | - | 2,886 | 45 | -1,524 | 59 | -1 | - | 107 | 1,360 |
| Reformulated | - | 369 | 0 | -47 | 11 | 0 | - | 2 | 331 |
| Conventional | - | 2,517 | 45 | -1,477 | 49 | -1 | - | 105 | 1,030 |
| Finished Aviation Gasoline | - | 10 | 0 | -4 | - | 0 | - | 0 | 6 |
| Kerosene-Type Jet Fuel | - | 691 | 1 | -546 | - | -1 | - | 26 | 121 |
| Kerosene | - | 20 | 0 | 0 | - | 0 | - | 0 | 20 |
| Distillate Fuel Oil | - | 2,092 | 13 | -962 | 0 | 23 | - | 363 | 757 |
| 15 ppm sulfur and under ^e | - | 1,394 | 1 | -628 | -25 | 21 | - | 0 | 721 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 469 | 1 | -146 | 25 | -1 | - | 312 | 38 |
| Greater than 500 ppm sulfur | - | 228 | 12 | -189 | - | 3 | - | 51 | -2 |
| Residual Fuel Oil ^f | - | 297 | 108 | -11 | - | 0 | - | 255 | 140 |
| Less than 0.31 percent sulfur | - | 26 | 7 | -6 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 33 | 18 | -2 | - | -1 | - | - | - |
| Greater than 1.00 percent sulfur | - | 239 | 83 | -3 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 275 | 200 | -8 | - | -1 | - | - | 467 |
| Naphtha for Petro. Feed. Use | - | 106 | 77 | -7 | - | 0 | - | - | 176 |
| Other Oils for Petro. Feed. Use | - | 169 | 123 | -1 | - | 0 | - | - | 291 |
| Special Naphthas | - | 36 | 13 | -1 | - | 0 | - | 7 | 40 |
| Lubricants | - | 123 | 11 | -30 | - | 0 | - | 39 | 65 |
| Waxes | - | 7 | 1 | 0 | - | 0 | - | 2 | 6 |
| Petroleum Coke | - | 439 | 9 | - | - | -2 | - | 282 | 168 |
| Marketable | - | 331 | 9 | - | - | -2 | - | 282 | 60 |
| Catalyst | - | 108 | - | - | - | - | - | - | 108 |
| Asphalt and Road Oil | - | 87 | 0 | -16 | - | -2 | - | 6 | 68 |
| Still Gas | - | 321 | - | - | - | - | - | - | 321 |
| Miscellaneous Products | - | 44 | 0 | 0 | - | 1 | - | 3 | 39 |
| Total | 3,824 | 7,706 | 6,716 | -4,995 | 197 | 162 | 7,196 | 1,192 | 4,899 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 17. PAD District 4--Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|----------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|---------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 11,000 | - | 10,756 | -4,570 | -1,530 | -421 | 16,073 | 3 | 0 | 13,735 |
| Natural Gas Liquids and LRGs | 7,346 | 45 | 546 | -5,816 | - | -88 | 563 | 315 | 1,331 | 1,418 |
| Pentanes Plus | 1,087 | - | 0 | -766 | - | -2 | 136 | 315 | -128 | 163 |
| Liquefied Petroleum Gases | 6,259 | 45 | 546 | -5,050 | - | -86 | 427 | 0 | 1,459 | 1,255 |
| Ethane/Ethylene | 2,846 | 0 | 0 | -2,916 | - | -5 | 0 | 0 | -65 | 409 |
| Propane/Propylene | 2,118 | 270 | 501 | -1,209 | - | -45 | 0 | 0 | 1,725 | 403 |
| Normal Butane/Butylene | 979 | -193 | 45 | -525 | - | -40 | 319 | 0 | 27 | 314 |
| Isobutane/Isobutylene | 316 | -32 | 0 | -400 | - | 4 | 108 | 0 | -228 | 129 |
| Other Liquids | - | - | 0 | 117 | 726 | -493 | 1,226 | 0 | 110 | 4,989 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 574 | -48 | 622 | 0 | 0 | 155 |
| Unfinished Oils | - | - | 0 | 0 | - | -239 | 129 | 0 | 110 | 2,666 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 117 | 152 | -206 | 475 | 0 | 0 | 2,168 |
| Reformulated | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | - | - | 0 | 117 | 152 | -206 | 475 | 0 | 0 | 2,168 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 18,472 | 215 | -202 | 0 | -330 | - | 29 | 18,786 | 9,929 |
| Finished Motor Gasoline | - | 9,738 | 0 | -758 | 0 | -132 | - | 0 | 9,112 | 4,683 |
| Reformulated | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 |
| Conventional | - | 9,738 | 0 | -758 | 0 | -132 | - | 0 | 9,112 | 4,683 |
| Finished Aviation Gasoline | - | 6 | 0 | 0 | - | -3 | - | 0 | 9 | 19 |
| Kerosene-Type Jet Fuel | - | 632 | 0 | 548 | - | -202 | - | 0 | 1,382 | 392 |
| Kerosene | - | 80 | 0 | -28 | - | 5 | - | 0 | 47 | 26 |
| Distillate Fuel Oil | - | 5,052 | 108 | 36 | 0 | -251 | - | 0 | 5,447 | 2,949 |
| 15 ppm sulfur and under ^e | - | 4,452 | 108 | 36 | 0 | -191 | - | 0 | 4,787 | 2,534 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 613 | 0 | 0 | 0 | -75 | - | 0 | 688 | 299 |
| Greater than 500 ppm sulfur | - | -13 | 0 | 0 | - | 15 | - | 0 | -28 | 116 |
| Residual Fuel Oil ^f | - | 346 | 0 | 0 | - | 25 | - | 1 | 320 | 280 |
| Less than 0.31 percent sulfur | - | 75 | 0 | 0 | - | 8 | - | - | - | 19 |
| 0.31 to 1.00 percent sulfur | - | 50 | 0 | 0 | - | 4 | - | - | - | 37 |
| Greater than 1.00 percent sulfur | - | 221 | 0 | 0 | - | 13 | - | - | - | 224 |
| Petrochemical Feedstocks | - | 0 | 0 | 0 | - | 0 | - | - | 0 | 0 |
| Naphtha for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 | 0 |
| Other Oils for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 | 0 |
| Special Naphthas | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 1 |
| Lubricants | - | 0 | 0 | 0 | - | 0 | - | 7 | -7 | 0 |
| Waxes | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 |
| Petroleum Coke | - | 856 | 0 | - | - | 76 | - | 3 | 777 | 330 |
| Marketable | - | 644 | 0 | - | - | 76 | - | 3 | 565 | 330 |
| Catalyst | - | 212 | - | - | - | - | - | - | 212 | - |
| Asphalt and Road Oil | - | 862 | 106 | 0 | - | 145 | - | 19 | 804 | 1,224 |
| Still Gas | - | 821 | - | - | - | - | - | - | 821 | - |
| Miscellaneous Products | - | 79 | 1 | 0 | - | 7 | - | 0 | 73 | 25 |
| Total | 18,346 | 18,517 | 11,517 | -10,471 | -804 | -1,332 | 17,862 | 348 | 20,227 | 30,071 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 18. PAD District 4--Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|-----------------|--------------------------|---------------------------|---------------------------------|--------------|--------------------------------|---------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 131,584 | - | 122,868 | -46,614 | -10,963 | 513 | 196,304 | 58 | 0 | 13,735 |
| Natural Gas Liquids and LRGs | 97,100 | 3,205 | 5,211 | -78,020 | - | -85 | 7,284 | 3,400 | 16,897 | 1,418 |
| Pentanes Plus | 13,823 | - | 26 | -9,719 | - | 16 | 2,700 | 3,342 | -1,928 | 163 |
| Liquefied Petroleum Gases | 83,277 | 3,205 | 5,185 | -68,301 | - | -101 | 4,584 | 57 | 18,826 | 1,255 |
| Ethane/Ethylene | 41,735 | 0 | 0 | -38,353 | - | -13 | 0 | 0 | 3,395 | 409 |
| Propane/Propylene | 25,830 | 3,348 | 4,900 | -17,288 | - | -11 | 0 | 4 | 16,797 | 403 |
| Normal Butane/Butylene | 11,546 | 77 | 281 | -7,219 | - | -34 | 2,343 | 53 | 2,323 | 314 |
| Isobutane/Isobutylene | 4,166 | -220 | 4 | -5,441 | - | -43 | 2,241 | 0 | -3,689 | 129 |
| Other Liquids | - | - | 7 | 1,076 | 9,100 | -398 | 8,274 | 20 | 2,287 | 4,989 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 6,704 | 10 | 6,674 | 20 | 0 | 155 |
| Unfinished Oils | - | - | 7 | 0 | - | -603 | -1,677 | 0 | 2,287 | 2,666 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 1,076 | 2,396 | 195 | 3,277 | 0 | 0 | 2,168 |
| Reformulated | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | - | - | 0 | 1,076 | 2,396 | 195 | 3,277 | 0 | 0 | 2,168 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 216,158 | 2,325 | 10,552 | -374 | -829 | - | 565 | 228,926 | 9,929 |
| Finished Motor Gasoline | - | 109,359 | 0 | -2,271 | -374 | 127 | - | 1 | 106,587 | 4,683 |
| Reformulated | - | 0 | 0 | 0 | 5 | 0 | - | 0 | 5 | 0 |
| Conventional | - | 109,359 | 0 | -2,271 | -379 | 127 | - | 1 | 106,582 | 4,683 |
| Finished Aviation Gasoline | - | 146 | 0 | 0 | - | -12 | - | 0 | 158 | 19 |
| Kerosene-Type Jet Fuel | - | 9,405 | 35 | 9,808 | - | -220 | - | 2 | 19,466 | 392 |
| Kerosene | - | 427 | 0 | -201 | - | -35 | - | 0 | 261 | 26 |
| Distillate Fuel Oil | - | 61,596 | 1,311 | 3,216 | 0 | -330 | - | 78 | 66,375 | 2,949 |
| 15 ppm sulfur and under ^e | - | 53,505 | 1,211 | 3,216 | -4 | -271 | - | 0 | 58,199 | 2,534 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 7,981 | 49 | 0 | 4 | -40 | - | 77 | 7,997 | 299 |
| Greater than 500 ppm sulfur | - | 110 | 51 | 0 | - | -19 | - | 1 | 179 | 116 |
| Residual Fuel Oil ^f | - | 4,365 | 27 | 0 | - | -124 | - | 41 | 4,475 | 280 |
| Less than 0.31 percent sulfur | - | 793 | 0 | 0 | - | -1 | - | - | - | 19 |
| 0.31 to 1.00 percent sulfur | - | 724 | 27 | 0 | - | -101 | - | - | - | 37 |
| Greater than 1.00 percent sulfur | - | 2,848 | 0 | 0 | - | -22 | - | - | - | 224 |
| Petrochemical Feedstocks | - | 54 | 0 | 0 | - | 0 | - | - | 54 | 0 |
| Naphtha for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 | 0 |
| Other Oils for Petro. Feed. Use | - | 54 | 0 | 0 | - | 0 | - | - | 54 | 0 |
| Special Naphthas | - | 1 | 0 | 0 | - | 1 | - | 0 | 0 | 1 |
| Lubricants | - | 0 | 0 | 0 | - | 0 | - | 112 | -112 | 0 |
| Waxes | - | -2 | 0 | 0 | - | -2 | - | 3 | -3 | 0 |
| Petroleum Coke | - | 9,041 | 0 | - | - | 253 | - | 44 | 8,744 | 330 |
| Marketable | - | 6,395 | 0 | - | - | 253 | - | 44 | 6,098 | 330 |
| Catalyst | - | 2,646 | - | - | - | - | - | - | 2,646 | - |
| Asphalt and Road Oil | - | 11,889 | 944 | 0 | - | -501 | - | 284 | 13,050 | 1,224 |
| Still Gas | - | 9,030 | - | - | - | - | - | - | 9,030 | - |
| Miscellaneous Products | - | 847 | 8 | 0 | - | 14 | - | 0 | 841 | 25 |
| Total | 228,684 | 219,363 | 130,411 | -113,006 | -2,236 | -799 | 211,862 | 4,043 | 248,110 | 30,071 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 19. PAD District 4--Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|-----------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 355 | - | 347 | -147 | -49 | -14 | 518 | 0 | 0 |
| Natural Gas Liquids and LRGs | 237 | 1 | 18 | -188 | - | -3 | 18 | 10 | 43 |
| Pentanes Plus | 35 | - | 0 | -25 | - | 0 | 4 | 10 | -4 |
| Liquefied Petroleum Gases | 202 | 1 | 18 | -163 | - | -3 | 14 | 0 | 47 |
| Ethane/Ethylene | 92 | 0 | 0 | -94 | - | 0 | 0 | 0 | -2 |
| Propane/Propylene | 68 | 9 | 16 | -39 | - | -1 | 0 | 0 | 56 |
| Normal Butane/Butylene | 32 | -6 | 1 | -17 | - | -1 | 10 | 0 | 1 |
| Isobutane/Isobutylene | 10 | -1 | 0 | -13 | - | 0 | 3 | 0 | -7 |
| Other Liquids | - | - | 0 | 4 | 23 | -16 | 40 | 0 | 4 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 19 | -2 | 20 | 0 | 0 |
| Unfinished Oils | - | - | 0 | 0 | - | -8 | 4 | 0 | 4 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 4 | 5 | -7 | 15 | 0 | 0 |
| Reformulated | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | - | - | 0 | 4 | 5 | -7 | 15 | 0 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 596 | 7 | -7 | 0 | -11 | - | 1 | 606 |
| Finished Motor Gasoline | - | 314 | 0 | -24 | 0 | -4 | - | 0 | 294 |
| Reformulated | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 |
| Conventional | - | 314 | 0 | -24 | 0 | -4 | - | 0 | 294 |
| Finished Aviation Gasoline | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Kerosene-Type Jet Fuel | - | 20 | 0 | 18 | - | -7 | - | 0 | 45 |
| Kerosene | - | 3 | 0 | -1 | - | 0 | - | 0 | 2 |
| Distillate Fuel Oil | - | 163 | 3 | 1 | 0 | -8 | - | 0 | 176 |
| 15 ppm sulfur and under ^e | - | 144 | 3 | 1 | 0 | -6 | - | 0 | 154 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 20 | 0 | 0 | 0 | -2 | - | 0 | 22 |
| Greater than 500 ppm sulfur | - | 0 | 0 | 0 | - | 0 | - | 0 | -1 |
| Residual Fuel Oil ^f | - | 11 | 0 | 0 | - | 1 | - | 0 | 10 |
| Less than 0.31 percent sulfur | - | 2 | 0 | 0 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 2 | 0 | 0 | - | 0 | - | - | - |
| Greater than 1.00 percent sulfur | - | 7 | 0 | 0 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Naphtha for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Other Oils for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Special Naphthas | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Lubricants | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Waxes | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Petroleum Coke | - | 28 | 0 | - | - | 2 | - | 0 | 25 |
| Marketable | - | 21 | 0 | - | - | 2 | - | 0 | 18 |
| Catalyst | - | 7 | - | - | - | - | - | - | 7 |
| Asphalt and Road Oil | - | 28 | 3 | 0 | - | 5 | - | 1 | 26 |
| Still Gas | - | 26 | - | - | - | - | - | - | 26 |
| Miscellaneous Products | - | 3 | 0 | 0 | - | 0 | - | 0 | 2 |
| Total | 592 | 597 | 372 | -338 | -26 | -43 | 576 | 11 | 652 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 20. PAD District 4--Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|-----------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 360 | - | 336 | -127 | -30 | 1 | 536 | 0 | 0 |
| Natural Gas Liquids and LRGs | 265 | 9 | 14 | -213 | - | 0 | 20 | 9 | 46 |
| Pentanes Plus | 38 | - | 0 | -27 | - | 0 | 7 | 9 | -5 |
| Liquefied Petroleum Gases | 228 | 9 | 14 | -187 | - | 0 | 13 | 0 | 51 |
| Ethane/Ethylene | 114 | 0 | 0 | -105 | - | 0 | 0 | 0 | 9 |
| Propane/Propylene | 71 | 9 | 13 | -47 | - | 0 | 0 | 0 | 46 |
| Normal Butane/Butylene | 32 | 0 | 1 | -20 | - | 0 | 6 | 0 | 6 |
| Isobutane/Isobutylene | 11 | -1 | 0 | -15 | - | 0 | 6 | 0 | -10 |
| Other Liquids | - | - | 0 | 3 | 25 | -1 | 23 | 0 | 6 |
| Other Hydrocarbons/Oxygenates | - | - | 0 | 0 | 18 | 0 | 18 | 0 | 0 |
| Unfinished Oils | - | - | 0 | 0 | - | -2 | -5 | 0 | 6 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 0 | 3 | 7 | 1 | 9 | 0 | 0 |
| Reformulated | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | - | - | 0 | 3 | 7 | 1 | 9 | 0 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 591 | 6 | 29 | -1 | -2 | - | 2 | 625 |
| Finished Motor Gasoline | - | 299 | 0 | -6 | -1 | 0 | - | 0 | 291 |
| Reformulated | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 |
| Conventional | - | 299 | 0 | -6 | -1 | 0 | - | 0 | 291 |
| Finished Aviation Gasoline | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Kerosene-Type Jet Fuel | - | 26 | 0 | 27 | - | -1 | - | 0 | 53 |
| Kerosene | - | 1 | 0 | -1 | - | 0 | - | 0 | 1 |
| Distillate Fuel Oil | - | 168 | 4 | 9 | 0 | -1 | - | 0 | 181 |
| 15 ppm sulfur and under ^e | - | 146 | 3 | 9 | 0 | -1 | - | 0 | 159 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 22 | 0 | 0 | 0 | 0 | - | 0 | 22 |
| Greater than 500 ppm sulfur | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Residual Fuel Oil ^f | - | 12 | 0 | 0 | - | 0 | - | 0 | 12 |
| Less than 0.31 percent sulfur | - | 2 | 0 | 0 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 2 | 0 | 0 | - | 0 | - | - | - |
| Greater than 1.00 percent sulfur | - | 8 | 0 | 0 | - | 0 | - | - | - |
| Petrochemical Feedstocks | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Naphtha for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Other Oils for Petro. Feed. Use | - | 0 | 0 | 0 | - | 0 | - | - | 0 |
| Special Naphthas | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Lubricants | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Waxes | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Petroleum Coke | - | 25 | 0 | - | - | 1 | - | 0 | 24 |
| Marketable | - | 17 | 0 | - | - | 1 | - | 0 | 17 |
| Catalyst | - | 7 | - | - | - | - | - | - | 7 |
| Asphalt and Road Oil | - | 32 | 3 | 0 | - | -1 | - | 1 | 36 |
| Still Gas | - | 25 | - | - | - | - | - | - | 25 |
| Miscellaneous Products | - | 2 | 0 | 0 | - | 0 | - | 0 | 2 |
| Total | 625 | 599 | 356 | -309 | -6 | -2 | 579 | 11 | 678 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 21. PAD District 5--Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|---------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 42,052 | - | 35,019 | 0 | -315 | 1,457 | 75,299 | 0 | 0 | 53,495 |
| Natural Gas Liquids and LRGs | 2,225 | 844 | 152 | 0 | - | -2,199 | 2,415 | 249 | 2,756 | 4,860 |
| Pentanes Plus | 1,022 | - | 0 | 0 | - | -76 | 759 | 25 | 314 | 44 |
| Liquefied Petroleum Gases | 1,203 | 844 | 152 | 0 | - | -2,123 | 1,656 | 224 | 2,442 | 4,816 |
| Ethane/Ethylene | 6 | 0 | 0 | 0 | - | 0 | 0 | 0 | 6 | 0 |
| Propane/Propylene | 408 | 1,337 | 152 | 0 | - | -453 | 0 | 220 | 2,130 | 1,836 |
| Normal Butane/Butylene | 245 | -569 | 0 | 0 | - | -1,751 | 1,007 | 3 | 417 | 2,539 |
| Isobutane/Isobutylene | 544 | 76 | 0 | 0 | - | 81 | 649 | 0 | -110 | 441 |
| Other Liquids | - | - | 3,161 | 3,484 | 2,558 | -477 | 8,708 | 88 | 884 | 44,134 |
| Other Hydrocarbons/Oxygenates | - | - | 100 | 0 | 4,215 | 200 | 4,047 | 68 | 0 | 1,910 |
| Unfinished Oils | - | - | 2,124 | 0 | - | -210 | 1,450 | 0 | 884 | 19,531 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 937 | 3,484 | -1,656 | -467 | 3,211 | 21 | 0 | 22,693 |
| Reformulated | - | - | 0 | 2,576 | -585 | -171 | 2,162 | 0 | 0 | 12,056 |
| Conventional | - | - | 937 | 908 | -1,071 | -296 | 1,049 | 21 | 0 | 10,637 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 90,778 | 2,417 | 2,550 | 2,011 | 126 | - | 11,193 | 86,437 | 38,423 |
| Finished Motor Gasoline | - | 44,580 | 0 | 1,260 | 2,011 | -94 | - | 1,251 | 46,694 | 4,566 |
| Reformulated | - | 33,203 | 0 | 0 | 620 | 18 | - | 153 | 33,652 | 241 |
| Conventional | - | 11,377 | 0 | 1,260 | 1,391 | -112 | - | 1,098 | 13,042 | 4,325 |
| Finished Aviation Gasoline | - | 91 | 0 | 0 | - | 3 | - | 0 | 88 | 282 |
| Kerosene-Type Jet Fuel | - | 14,128 | 371 | 198 | - | 353 | - | 672 | 13,672 | 9,645 |
| Kerosene | - | 3 | 0 | 0 | - | 112 | - | 5 | -114 | 234 |
| Distillate Fuel Oil | - | 16,865 | 113 | 1,185 | 0 | -277 | - | 4,712 | 13,728 | 13,919 |
| 15 ppm sulfur and under ^e | - | 13,760 | 7 | 1,108 | -20 | -499 | - | 0 | 15,354 | 10,372 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 1,292 | 0 | 0 | 20 | 119 | - | 4,401 | -3,208 | 1,730 |
| Greater than 500 ppm sulfur | - | 1,813 | 106 | 77 | - | 103 | - | 310 | 1,583 | 1,817 |
| Residual Fuel Oil ^f | - | 4,394 | 1,740 | 0 | - | -149 | - | 595 | 5,688 | 4,877 |
| Less than 0.31 percent sulfur | - | 81 | 0 | 0 | - | -2 | - | - | - | 224 |
| 0.31 to 1.00 percent sulfur | - | 1,683 | 63 | 0 | - | -59 | - | - | - | 1,059 |
| Greater than 1.00 percent sulfur | - | 2,630 | 1,677 | 0 | - | -154 | - | - | - | 3,525 |
| Petrochemical Feedstocks | - | 100 | 91 | 0 | - | 36 | - | - | 155 | 56 |
| Naphtha for Petro. Feed. Use | - | 3 | 91 | 0 | - | 1 | - | - | 93 | 3 |
| Other Oils for Petro. Feed. Use | - | 97 | 0 | 0 | - | 35 | - | - | 62 | 53 |
| Special Naphthas | - | 65 | 0 | 0 | - | -2 | - | 260 | -193 | 49 |
| Lubricants | - | 684 | 1 | -93 | - | 186 | - | 172 | 234 | 1,583 |
| Waxes | - | 0 | 49 | 0 | - | 0 | - | 3 | 46 | 0 |
| Petroleum Coke | - | 4,792 | 26 | - | - | -89 | - | 3,053 | 1,854 | 1,160 |
| Marketable | - | 3,812 | 26 | - | - | -89 | - | 3,053 | 874 | 1,160 |
| Catalyst | - | 980 | - | - | - | - | - | 0 | 980 | - |
| Asphalt and Road Oil | - | 870 | 25 | 0 | - | 58 | - | 48 | 789 | 1,717 |
| Still Gas | - | 3,803 | - | - | - | - | - | 0 | 3,803 | - |
| Miscellaneous Products | - | 403 | 1 | 0 | - | -11 | - | 423 | -8 | 335 |
| Total | 44,277 | 91,622 | 40,749 | 6,034 | 4,254 | -1,093 | 86,422 | 11,530 | 90,077 | 140,912 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 22. PAD District 5--Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels)

| Commodity | Supply | | | | | Disposition | | | | Ending Stocks |
|--|------------------|-------------------------------------|--------------------------------------|---------------|--------------------------|---------------------------|---------------------------------|----------------|--------------------------------|----------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d | |
| Crude Oil | 491,123 | - | 441,679 | 0 | 6,687 | -1,069 | 940,557 | 2 | 0 | 53,495 |
| Natural Gas Liquids and LRGs | 23,972 | 26,994 | 1,255 | 8 | - | 158 | 22,707 | 6,732 | 22,632 | 4,860 |
| Pentanes Plus | 10,829 | - | 0 | 0 | - | 0 | 7,544 | 350 | 2,935 | 44 |
| Liquefied Petroleum Gases | 13,143 | 26,994 | 1,255 | 8 | - | 158 | 15,163 | 6,382 | 19,697 | 4,816 |
| Ethane/Ethylene | 71 | 0 | 0 | 0 | - | 0 | 0 | 0 | 71 | 0 |
| Propane/Propylene | 4,813 | 18,503 | 1,095 | 8 | - | -121 | 0 | 4,590 | 19,950 | 1,836 |
| Normal Butane/Butylene | 2,029 | 8,120 | 160 | 0 | - | 321 | 8,054 | 1,792 | 142 | 2,539 |
| Isobutane/Isobutylene | 6,230 | 371 | 0 | 0 | - | -42 | 7,109 | 0 | -466 | 441 |
| Other Liquids | - | - | 31,497 | 21,678 | 40,700 | -1,876 | 90,204 | 3,383 | 2,164 | 44,134 |
| Other Hydrocarbons/Oxygenates | - | - | 1,456 | 0 | 47,103 | 349 | 46,113 | 2,097 | 0 | 1,910 |
| Unfinished Oils | - | - | 21,204 | 0 | - | 331 | 18,709 | 0 | 2,164 | 19,531 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 8,837 | 21,678 | -6,403 | -2,556 | 25,382 | 1,286 | 0 | 22,693 |
| Reformulated | - | - | 637 | 14,988 | 10,643 | -1,677 | 27,942 | 0 | 0 | 12,056 |
| Conventional | - | - | 8,200 | 6,690 | -17,046 | -879 | -2,560 | 1,283 | 0 | 10,637 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 1,089,810 | 33,366 | 50,078 | 11,810 | -2,505 | - | 100,079 | 1,087,491 | 38,423 |
| Finished Motor Gasoline | - | 527,887 | 5,723 | 34,740 | 11,810 | -1,945 | - | 10,163 | 571,942 | 4,566 |
| Reformulated | - | 385,359 | 0 | 17,245 | -10,593 | -366 | - | 2,853 | 389,524 | 241 |
| Conventional | - | 142,528 | 5,723 | 17,495 | 22,403 | -1,579 | - | 7,311 | 182,418 | 4,325 |
| Finished Aviation Gasoline | - | 652 | 0 | 50 | - | -31 | - | 0 | 733 | 282 |
| Kerosene-Type Jet Fuel | - | 167,451 | 9,787 | 2,452 | - | 82 | - | 8,073 | 171,535 | 9,645 |
| Kerosene | - | 19 | 0 | 0 | - | 142 | - | 422 | -545 | 234 |
| Distillate Fuel Oil | - | 207,255 | 3,009 | 13,898 | 0 | 346 | - | 31,939 | 191,877 | 13,919 |
| 15 ppm sulfur and under ^e | - | 174,663 | 1,240 | 13,821 | -285 | 41 | - | 0 | 189,398 | 10,372 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 14,415 | 133 | 0 | 285 | -23 | - | 28,687 | -13,831 | 1,730 |
| Greater than 500 ppm sulfur | - | 18,177 | 1,636 | 77 | - | 328 | - | 3,251 | 16,311 | 1,817 |
| Residual Fuel Oil ^f | - | 53,216 | 12,354 | 131 | - | -792 | - | 9,527 | 56,966 | 4,877 |
| Less than 0.31 percent sulfur | - | 1,802 | 0 | 0 | - | -265 | - | - | - | 224 |
| 0.31 to 1.00 percent sulfur | - | 17,699 | 1,515 | 0 | - | -225 | - | - | - | 1,059 |
| Greater than 1.00 percent sulfur | - | 33,715 | 10,839 | 131 | - | -349 | - | - | - | 3,525 |
| Petrochemical Feedstocks | - | 884 | 849 | 0 | - | 41 | - | - | 1,692 | 56 |
| Naphtha for Petro. Feed. Use | - | 25 | 849 | 0 | - | 2 | - | - | 872 | 3 |
| Other Oils for Petro. Feed. Use | - | 859 | 0 | 0 | - | 39 | - | - | 820 | 53 |
| Special Naphthas | - | 399 | 75 | 0 | - | 30 | - | 1,718 | -1,274 | 49 |
| Lubricants | - | 7,719 | 14 | -1,193 | - | 54 | - | 3,153 | 3,333 | 1,583 |
| Waxes | - | 0 | 164 | 0 | - | 0 | - | 61 | 103 | 0 |
| Petroleum Coke | - | 58,027 | 364 | - | - | -123 | - | 32,787 | 25,727 | 1,160 |
| Marketable | - | 45,784 | 364 | - | - | -123 | - | 32,787 | 13,484 | 1,160 |
| Catalyst | - | 12,243 | - | - | - | - | - | 0 | 12,243 | - |
| Asphalt and Road Oil | - | 13,100 | 1,022 | 0 | - | -340 | - | 866 | 13,596 | 1,717 |
| Still Gas | - | 48,227 | - | - | - | - | - | 0 | 48,227 | - |
| Miscellaneous Products | - | 4,974 | 5 | 0 | - | 31 | - | 1,369 | 3,579 | 335 |
| Total | 515,095 | 1,116,804 | 507,797 | 71,764 | 59,197 | -5,292 | 1,053,468 | 110,195 | 1,112,286 | 140,912 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 23. PAD District 5--Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 1,357 | - | 1,130 | 0 | -10 | 47 | 2,429 | 0 | 0 |
| Natural Gas Liquids and LRGs | 72 | 27 | 5 | 0 | - | -71 | 78 | 8 | 89 |
| Pentanes Plus | 33 | - | 0 | 0 | - | -2 | 24 | 1 | 10 |
| Liquefied Petroleum Gases | 39 | 27 | 5 | 0 | - | -68 | 53 | 7 | 79 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Propane/Propylene | 13 | 43 | 5 | 0 | - | -15 | 0 | 7 | 69 |
| Normal Butane/Butylene | 8 | -18 | 0 | 0 | - | -56 | 32 | 0 | 13 |
| Isobutane/Isobutylene | 18 | 2 | 0 | 0 | - | 3 | 21 | 0 | -4 |
| Other Liquids | - | - | 102 | 112 | 83 | -15 | 281 | 3 | 29 |
| Other Hydrocarbons/Oxygenates | - | - | 3 | 0 | 136 | 6 | 131 | 2 | 0 |
| Unfinished Oils | - | - | 69 | 0 | - | -7 | 47 | 0 | 29 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 30 | 112 | -53 | -15 | 104 | 1 | 0 |
| Reformulated | - | - | 0 | 83 | -19 | -6 | 70 | 0 | 0 |
| Conventional | - | - | 30 | 29 | -35 | -10 | 34 | 1 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 2,928 | 78 | 82 | 65 | 4 | - | 361 | 2,788 |
| Finished Motor Gasoline | - | 1,438 | 0 | 41 | 65 | -3 | - | 40 | 1,506 |
| Reformulated | - | 1,071 | 0 | 0 | 20 | 1 | - | 5 | 1,086 |
| Conventional | - | 367 | 0 | 41 | 45 | -4 | - | 35 | 421 |
| Finished Aviation Gasoline | - | 3 | 0 | 0 | - | 0 | - | 0 | 3 |
| Kerosene-Type Jet Fuel | - | 456 | 12 | 6 | - | 11 | - | 22 | 441 |
| Kerosene | - | 0 | 0 | 0 | - | 4 | - | 0 | -4 |
| Distillate Fuel Oil | - | 544 | 4 | 38 | 0 | -9 | - | 152 | 443 |
| 15 ppm sulfur and under ^e | - | 444 | 0 | 36 | -1 | -16 | - | 0 | 495 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 42 | 0 | 0 | 1 | 4 | - | 142 | -103 |
| Greater than 500 ppm sulfur | - | 58 | 3 | 2 | - | 3 | - | 10 | 51 |
| Residual Fuel Oil ^f | - | 142 | 56 | 0 | - | -5 | - | 19 | 183 |
| Less than 0.31 percent sulfur | - | 3 | 0 | 0 | - | 0 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 54 | 2 | 0 | - | -2 | - | - | - |
| Greater than 1.00 percent sulfur | - | 85 | 54 | 0 | - | -5 | - | - | - |
| Petrochemical Feedstocks | - | 3 | 3 | 0 | - | 1 | - | - | 5 |
| Naphtha for Petro. Feed. Use | - | 0 | 3 | 0 | - | 0 | - | - | 3 |
| Other Oils for Petro. Feed. Use | - | 3 | 0 | 0 | - | 1 | - | - | 2 |
| Special Naphthas | - | 2 | 0 | 0 | - | 0 | - | 8 | -6 |
| Lubricants | - | 22 | 0 | -3 | - | 6 | - | 6 | 8 |
| Waxes | - | 0 | 2 | 0 | - | 0 | - | 0 | 1 |
| Petroleum Coke | - | 155 | 1 | - | - | -3 | - | 98 | 60 |
| Marketable | - | 123 | 1 | - | - | -3 | - | 98 | 28 |
| Catalyst | - | 32 | - | - | - | - | - | - | 32 |
| Asphalt and Road Oil | - | 28 | 1 | 0 | - | 2 | - | 2 | 25 |
| Still Gas | - | 123 | - | - | - | - | - | - | 123 |
| Miscellaneous Products | - | 13 | 0 | 0 | - | 0 | - | 14 | 0 |
| Total | 1,428 | 2,956 | 1,314 | 195 | 137 | -35 | 2,788 | 372 | 2,906 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 24. PAD District 5--Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-December 2008
(Thousand Barrels per Day)

| Commodity | Supply | | | | | Disposition | | | |
|--|------------------|-------------------------------------|--------------------------------------|--------------|--------------------------|---------------------------|---------------------------------|------------|--------------------------------|
| | Field Production | Refinery and Blender Net Production | Imports (PADD of Entry) ^a | Net Receipts | Adjustments ^b | Stock Change ^c | Refinery and Blender Net Inputs | Exports | Products Supplied ^d |
| Crude Oil | 1,342 | - | 1,207 | 0 | 18 | -3 | 2,570 | 0 | 0 |
| Natural Gas Liquids and LRGs | 65 | 74 | 3 | 0 | - | 0 | 62 | 18 | 62 |
| Pentanes Plus | 30 | - | 0 | 0 | - | 0 | 21 | 1 | 8 |
| Liquefied Petroleum Gases | 36 | 74 | 3 | 0 | - | 0 | 41 | 17 | 54 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Propane/Propylene | 13 | 51 | 3 | 0 | - | 0 | 0 | 13 | 55 |
| Normal Butane/Butylene | 6 | 22 | 0 | 0 | - | 1 | 22 | 5 | 0 |
| Isobutane/Isobutylene | 17 | 1 | 0 | 0 | - | 0 | 19 | 0 | -1 |
| Other Liquids | - | - | 86 | 59 | 111 | -5 | 246 | 9 | 6 |
| Other Hydrocarbons/Oxygenates | - | - | 4 | 0 | 129 | 1 | 126 | 6 | 0 |
| Unfinished Oils | - | - | 58 | 0 | - | 1 | 51 | 0 | 6 |
| Motor Gasoline Blend. Comp. (MGBC) | - | - | 24 | 59 | -17 | -7 | 69 | 4 | 0 |
| Reformulated | - | - | 2 | 41 | 29 | -5 | 76 | 0 | 0 |
| Conventional | - | - | 22 | 18 | -47 | -2 | -7 | 4 | 0 |
| Aviation Gasoline Blend. Comp. | - | - | 0 | 0 | - | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | - | 2,978 | 91 | 137 | 32 | -7 | - | 273 | 2,971 |
| Finished Motor Gasoline | - | 1,442 | 16 | 95 | 32 | -5 | - | 28 | 1,563 |
| Reformulated | - | 1,053 | 0 | 47 | -29 | -1 | - | 8 | 1,064 |
| Conventional | - | 389 | 16 | 48 | 61 | -4 | - | 20 | 498 |
| Finished Aviation Gasoline | - | 2 | 0 | 0 | - | 0 | - | 0 | 2 |
| Kerosene-Type Jet Fuel | - | 458 | 27 | 7 | - | 0 | - | 22 | 469 |
| Kerosene | - | 0 | 0 | 0 | - | 0 | - | 1 | -1 |
| Distillate Fuel Oil | - | 566 | 8 | 38 | 0 | 1 | - | 87 | 524 |
| 15 ppm sulfur and under ^e | - | 477 | 3 | 38 | -1 | 0 | - | 0 | 517 |
| Greater than 15 ppm to 500 ppm sulfur ^e | - | 39 | 0 | 0 | 1 | 0 | - | 78 | -38 |
| Greater than 500 ppm sulfur | - | 50 | 4 | 0 | - | 1 | - | 9 | 45 |
| Residual Fuel Oil ^f | - | 145 | 34 | 0 | - | -2 | - | 26 | 156 |
| Less than 0.31 percent sulfur | - | 5 | 0 | 0 | - | -1 | - | - | - |
| 0.31 to 1.00 percent sulfur | - | 48 | 4 | 0 | - | -1 | - | - | - |
| Greater than 1.00 percent sulfur | - | 92 | 30 | 0 | - | -1 | - | - | - |
| Petrochemical Feedstocks | - | 2 | 2 | 0 | - | 0 | - | - | 5 |
| Naphtha for Petro. Feed. Use | - | 0 | 2 | 0 | - | 0 | - | - | 2 |
| Other Oils for Petro. Feed. Use | - | 2 | 0 | 0 | - | 0 | - | - | 2 |
| Special Naphthas | - | 1 | 0 | 0 | - | 0 | - | 5 | -3 |
| Lubricants | - | 21 | 0 | -3 | - | 0 | - | 9 | 9 |
| Waxes | - | 0 | 0 | 0 | - | 0 | - | 0 | 0 |
| Petroleum Coke | - | 159 | 1 | - | - | 0 | - | 90 | 70 |
| Marketable | - | 125 | 1 | - | - | 0 | - | 90 | 37 |
| Catalyst | - | 33 | - | - | - | - | - | - | 33 |
| Asphalt and Road Oil | - | 36 | 3 | 0 | - | -1 | - | 2 | 37 |
| Still Gas | - | 132 | - | - | - | - | - | - | 132 |
| Miscellaneous Products | - | 14 | 0 | 0 | - | 0 | - | 4 | 10 |
| Total | 1,407 | 3,051 | 1,387 | 196 | 162 | -14 | 2,878 | 301 | 3,039 |

^a Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

^b Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 3 for a detailed explanation of these adjustments.

^c A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

^d Products supplied is equal to field production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

^e Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

^f Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

LRG = Liquefied Refinery Gases.

- = Not Applicable.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Terminal Blenders Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. Export data from the Bureau of the Census and Form EIA-810, "Monthly Refinery Report."

Table 25. Production of Crude Oil by PAD District and State
(Thousand Barrels)

| PAD District and State | October 2008 | | January-October 2008 | |
|--|----------------|---------------|----------------------|---------------|
| | Total | Daily Average | Total | Daily Average |
| PAD District 1 | 656 | 21 | 6,352 | 21 |
| Florida | 175 | 6 | 1,643 | 5 |
| New York | 35 | 1 | 330 | 1 |
| Pennsylvania | 329 | 11 | 3,007 | 10 |
| Virginia | 1 | 0 | 6 | 0 |
| West Virginia | 124 | 4 | 1,280 | 4 |
| Adjustment ^a | -8 | 0 | 86 | 0 |
| PAD District 2 | 17,729 | 572 | 159,510 | 523 |
| Illinois | 819 | 26 | 7,910 | 26 |
| Indiana | 176 | 6 | 1,539 | 5 |
| Kansas | 3,379 | 109 | 32,665 | 107 |
| Kentucky | 244 | 8 | 2,302 | 8 |
| Michigan | 500 | 16 | 4,870 | 16 |
| Missouri | 7 | 0 | 70 | 0 |
| Nebraska | 217 | 7 | 1,934 | 6 |
| North Dakota | 6,085 | 196 | 49,230 | 161 |
| Ohio | 504 | 16 | 4,828 | 16 |
| Oklahoma | 5,585 | 180 | 52,801 | 173 |
| South Dakota | 147 | 5 | 1,501 | 5 |
| Tennessee | 31 | 1 | 287 | 1 |
| Adjustment ^a | 36 | 1 | -430 | -1 |
| PAD District 3 | 72,110 | 2,326 | 823,452 | 2,700 |
| Alabama | 666 | 21 | 6,389 | 21 |
| Arkansas | 556 | 18 | 5,125 | 17 |
| Louisiana | 6,324 | 204 | 61,450 | 201 |
| Mississippi | 1,983 | 64 | 18,183 | 60 |
| New Mexico | 5,021 | 162 | 49,289 | 162 |
| Texas | 33,219 | 1,072 | 326,279 | 1,070 |
| Federal Offshore PAD District 3 | 24,552 | 792 | 354,389 | 1,162 |
| Adjustment ^a | -211 | -7 | 2,348 | 8 |
| PAD District 4 | 10,966 | 354 | 109,881 | 360 |
| Colorado | 1,300 | 42 | 18,698 | 61 |
| Montana | 2,144 | 69 | 24,736 | 81 |
| Utah | 1,895 | 61 | 17,732 | 58 |
| Wyoming | 4,421 | 143 | 44,321 | 145 |
| Adjustment ^a | 1,206 | 39 | 4,395 | 14 |
| PAD District 5 | 42,532 | 1,372 | 407,536 | 1,336 |
| Alaska | 22,193 | 716 | 206,263 | 676 |
| South Alaska | 380 | 12 | 4,050 | 13 |
| North Slope | 21,813 | 704 | 202,213 | 663 |
| Adjustment for Alaska ^a | 0 | 0 | 0 | 0 |
| Arizona | 5 | 0 | 43 | 0 |
| California | 18,143 | 585 | 179,106 | 587 |
| Nevada | 39 | 1 | 358 | 1 |
| Federal Offshore PAD District 5 | 2,048 | 66 | 20,111 | 66 |
| Adjustment excluding Alaska ^a | 104 | 3 | 1,656 | 5 |
| State Offshore Production | | | | |
| U.S. | 9,104 | 294 | 88,812 | 291 |
| Louisiana | 745 | 24 | 7,121 | 23 |
| Texas | 45 | 1 | 530 | 2 |
| Alaska | 7,133 | 230 | 69,366 | 227 |
| California | 1,182 | 38 | 11,794 | 39 |
| U.S. Total | 143,993 | 4,645 | 1,506,731 | 4,940 |

^a These adjustments are used to reconcile the national and PAD District level sums of the State data with the independently estimated U.S. and Alaskan figures shown in the Summary Statistics portion of this issue and with the PAD District level figures published in a previous issue. Revised data at the State, PAD District, and national levels will be published without adjustments in the *Petroleum Supply Annual*.

NA= Not Available.

Note: Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, the following states are estimates: Pennsylvania, New York, Virginia, West Virginia, Illinois, Indiana, Michigan, Missouri, Ohio, Oklahoma, Alabama, Arkansas, Texas, Colorado, Utah, Wyoming, and Alaska.

Sources: State government agencies, U.S. Department of the Interior, and Minerals Management Service.

Table 26. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|----------------------------|----------------|-------------------|------------|----------------|----------------|--------------|--------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Net Production | | | | | | | |
| Natural Gas Liquids | 0 | 590 | 590 | 1,088 | 351 | 6,513 | 7,952 |
| Pentanes Plus | 0 | 92 | 92 | 122 | 75 | 809 | 1,006 |
| Liquefied Petroleum Gases | 0 | 498 | 498 | 966 | 276 | 5,704 | 6,946 |
| Ethane | 0 | 6 | 6 | 83 | 0 | 2,320 | 2,403 |
| Propane | 0 | 335 | 335 | 618 | 181 | 2,217 | 3,016 |
| Normal Butane | 0 | 107 | 107 | 150 | 87 | 751 | 988 |
| Isobutane | 0 | 50 | 50 | 115 | 8 | 416 | 539 |
| Stocks | | | | | | | |
| Natural Gas Liquids | 7 | 60 | 67 | 177 | 44 | 450 | 671 |
| Pentanes Plus | 0 | 26 | 26 | 16 | 15 | 76 | 107 |
| Liquefied Petroleum Gases | 7 | 34 | 41 | 161 | 29 | 374 | 564 |
| Ethane | 0 | 0 | 0 | 17 | 0 | 119 | 136 |
| Propane | 6 | 24 | 30 | 91 | 16 | 90 | 197 |
| Normal Butane | 1 | 4 | 5 | 31 | 12 | 88 | 131 |
| Isobutane | 0 | 6 | 6 | 22 | 1 | 77 | 100 |

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|----------------------------|----------------|------------------|---------------|------------|--------------|---------------|--------------|--------------|---------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Net Production | | | | | | | | | |
| Natural Gas Liquids | 19,311 | 2,234 | 4,283 | 564 | 5,214 | 31,606 | 7,346 | 2,225 | 49,719 |
| Pentanes Plus | 2,676 | 340 | 566 | 115 | 558 | 4,255 | 1,087 | 1,022 | 7,462 |
| Liquefied Petroleum Gases | 16,635 | 1,894 | 3,717 | 449 | 4,656 | 27,351 | 6,259 | 1,203 | 42,257 |
| Ethane | 7,795 | 820 | 1,492 | 186 | 2,498 | 12,791 | 2,846 | 6 | 18,052 |
| Propane | 5,568 | 671 | 1,396 | 137 | 1,417 | 9,189 | 2,118 | 408 | 15,066 |
| Normal Butane | 2,093 | -1,479 | 473 | 80 | 478 | 1,645 | 979 | 245 | 3,964 |
| Isobutane | 1,179 | 1,882 | 356 | 46 | 263 | 3,726 | 316 | 544 | 5,175 |
| Stocks | | | | | | | | | |
| Natural Gas Liquids | 174 | 4,334 | 516 | 21 | 35 | 5,080 | 149 | 191 | 6,158 |
| Pentanes Plus | 30 | 387 | 205 | 4 | 7 | 633 | 45 | 36 | 847 |
| Liquefied Petroleum Gases | 144 | 3,947 | 311 | 17 | 28 | 4,447 | 104 | 155 | 5,311 |
| Ethane | 53 | 1,717 | 0 | 0 | 0 | 1,770 | 0 | 0 | 1,906 |
| Propane | 60 | 1,161 | 28 | 12 | 15 | 1,276 | 48 | 27 | 1,578 |
| Normal Butane | 26 | 876 | 194 | 5 | 3 | 1,104 | 46 | 88 | 1,374 |
| Isobutane | 5 | 193 | 89 | 0 | 10 | 297 | 10 | 40 | 453 |

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 27. Refinery and Blender Net Inputs of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|---|----------------|-------------------|---------------|----------------|----------------|---------------|----------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Crude Oil | 36,927 | 2,814 | 39,741 | 62,988 | 13,367 | 20,660 | 97,015 |
| Natural Gas Liquids and LRGs | 848 | 0 | 848 | 3,167 | 263 | 1,099 | 4,529 |
| Pentanes Plus | 0 | 0 | 0 | 593 | 125 | 484 | 1,202 |
| Liquefied Petroleum Gases | 848 | 0 | 848 | 2,574 | 138 | 615 | 3,327 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Normal Butane | 290 | 0 | 290 | 1,489 | 109 | 229 | 1,827 |
| Isobutane | 558 | 0 | 558 | 1,085 | 29 | 386 | 1,500 |
| Other Liquids | 53,153 | 339 | 53,492 | 7,004 | 758 | 3,119 | 10,881 |
| Other Hydrocarbons/Oxygenates | 6,911 | 342 | 7,253 | 3,991 | 1,095 | 1,191 | 6,277 |
| Other Hydrocarbons/Hydrogen | 21 | 0 | 21 | 284 | 60 | 110 | 454 |
| Oxygenates | 6,890 | 342 | 7,232 | 3,707 | 1,035 | 1,081 | 5,823 |
| Fuel Ethanol (FE) | 6,890 | 342 | 7,232 | 3,707 | 1,035 | 1,081 | 5,823 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils (net) | 5,531 | -23 | 5,508 | 1,843 | -54 | 475 | 2,264 |
| Naphthas and Lighter | 831 | -30 | 801 | 1,431 | 15 | 43 | 1,489 |
| Kerosene and Light Gas Oils | 86 | 0 | 86 | -110 | -146 | 111 | -145 |
| Heavy Gas Oils | 2,178 | 8 | 2,186 | 725 | 77 | 711 | 1,513 |
| Residuum | 2,436 | -1 | 2,435 | -203 | 0 | -390 | -593 |
| Motor Gasoline Blending Components (MGBC) (net) | 40,711 | 20 | 40,731 | 1,170 | -283 | 1,453 | 2,340 |
| Reformulated | 10,248 | 0 | 10,248 | -1,101 | 1,249 | 1,227 | 1,375 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 10,248 | 0 | 10,248 | -1,101 | 1,249 | 1,227 | 1,375 |
| Conventional | 30,463 | 20 | 30,483 | 2,271 | -1,532 | 226 | 965 |
| CBOB for Blending with Alcohol | 18,210 | 0 | 18,210 | 1,088 | -826 | 235 | 497 |
| GTAB | 2,371 | 0 | 2,371 | 0 | 0 | 0 | 0 |
| Other | 9,882 | 20 | 9,902 | 1,183 | -706 | -9 | 468 |
| Aviation Gasoline Blending Components (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Input | 90,928 | 3,153 | 94,081 | 73,159 | 14,388 | 24,878 | 112,425 |

See footnotes at end of table.

**Table 27. Refinery and Blender Net Inputs of Crude Oil and Petroleum Products by PAD and Refining Districts,
December 2008 (Continued)**
(Thousand Barrels)

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|---|-----------------|---------------------|------------------|--------------|---------------|----------------|----------------|----------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Crude Oil | 16,283 | 102,706 | 89,622 | 5,128 | 3,066 | 216,805 | 16,073 | 75,299 | 444,933 |
| Natural Gas Liquids and LRGs | 811 | 5,900 | 2,830 | 199 | 168 | 9,908 | 563 | 2,415 | 18,263 |
| Pentanes Plus | 345 | 1,833 | 467 | 62 | 0 | 2,707 | 136 | 759 | 4,804 |
| Liquefied Petroleum Gases | 466 | 4,067 | 2,363 | 137 | 168 | 7,201 | 427 | 1,656 | 13,459 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Normal Butane | 287 | 1,838 | 1,182 | 75 | 0 | 3,382 | 319 | 1,007 | 6,825 |
| Isobutane | 179 | 2,229 | 1,181 | 62 | 168 | 3,819 | 108 | 649 | 6,634 |
| Other Liquids | 4,782 | -9,155 | -3,959 | 1,302 | -431 | -7,461 | 1,226 | 8,708 | 66,846 |
| Other Hydrocarbons/Oxygenates | 971 | 2,030 | 1,092 | 386 | 80 | 4,559 | 622 | 4,047 | 22,758 |
| Other Hydrocarbons/Hydrogen | 183 | 1,448 | 919 | 23 | 9 | 2,582 | 197 | 1,029 | 4,283 |
| Oxygenates | 788 | 582 | 173 | 363 | 71 | 1,977 | 425 | 3,018 | 18,475 |
| Fuel Ethanol (FE) | 788 | 580 | 173 | 363 | 71 | 1,975 | 425 | 3,018 | 18,473 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils (net) | 12 | 9,009 | 7,867 | 18 | 305 | 17,211 | 129 | 1,450 | 26,562 |
| Naphthas and Lighter | -155 | 2,168 | -309 | 50 | 262 | 2,016 | 31 | 302 | 4,639 |
| Kerosene and Light Gas Oils | 49 | -1,589 | 2,516 | -47 | 13 | 942 | -203 | 224 | 904 |
| Heavy Gas Oils | 160 | 6,873 | 3,586 | 40 | 30 | 10,689 | 363 | 901 | 15,652 |
| Residuum | -42 | 1,557 | 2,074 | -25 | 0 | 3,564 | -62 | 23 | 5,367 |
| Motor Gasoline Blending Components (MGBC) (net) | 3,799 | -20,194 | -12,918 | 898 | -816 | -29,231 | 475 | 3,211 | 17,526 |
| Reformulated | 4,354 | -9,582 | -3,616 | 0 | -850 | -9,694 | 0 | 2,162 | 4,091 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 4,354 | -9,582 | -3,616 | 0 | -850 | -9,694 | 0 | 2,162 | 4,091 |
| Conventional | -555 | -10,612 | -9,302 | 898 | 34 | -19,537 | 475 | 1,049 | 13,435 |
| CBOB for Blending with Alcohol | -686 | -9,719 | -8,057 | 893 | 21 | -17,548 | 402 | 569 | 2,130 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,371 |
| Other | 131 | -893 | -1,245 | 5 | 13 | -1,989 | 73 | 480 | 8,934 |
| Aviation Gasoline Blending Components (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Input | 21,876 | 99,451 | 88,493 | 6,629 | 2,803 | 219,252 | 17,862 | 86,422 | 530,042 |

^a Includes ethyl tertiary butyl ether (ETBE), 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).

Note: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Terminal Blenders Report."

Table 28. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|--|----------------|-------------------|---------------|----------------|----------------|---------------|----------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Liquefied Refinery Gases | 849 | -10 | 839 | 1,405 | -235 | -322 | 848 |
| Ethane/Ethylene | 22 | 0 | 22 | 0 | 0 | 0 | 0 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethylene | 22 | 0 | 22 | 0 | 0 | 0 | 0 |
| Propane/Propylene | 1,334 | 32 | 1,366 | 1,840 | 295 | 510 | 2,645 |
| Propane | 765 | 32 | 797 | 1,546 | 291 | 418 | 2,255 |
| Propylene | 569 | 0 | 569 | 294 | 4 | 92 | 390 |
| Normal Butane/Butylene | -710 | -40 | -750 | -419 | -536 | -810 | -1,765 |
| Normal Butane | -777 | -40 | -817 | -424 | -536 | -828 | -1,788 |
| Butylene | 67 | 0 | 67 | 5 | 0 | 18 | 23 |
| Isobutane/Isobutylene | 203 | -2 | 201 | -16 | 6 | -22 | -32 |
| Isobutane | 189 | -2 | 187 | -16 | 6 | -22 | -32 |
| Isobutylene | 14 | 0 | 14 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 69,064 | 1,371 | 70,435 | 41,014 | 8,138 | 14,110 | 63,262 |
| Reformulated | 37,825 | 0 | 37,825 | 8,509 | 1,752 | 1,363 | 11,624 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 37,825 | 0 | 37,825 | 8,509 | 1,752 | 1,363 | 11,624 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 31,239 | 1,371 | 32,610 | 32,505 | 6,386 | 12,747 | 51,638 |
| Conventional Blended with Alcohol | 31,963 | 3,391 | 35,354 | 28,095 | 8,489 | 9,333 | 45,917 |
| Conventional Other | -724 | -2,020 | -2,744 | 4,410 | -2,103 | 3,414 | 5,721 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 40 | 0 | 40 |
| Kerosene-Type Jet Fuel | 2,255 | 0 | 2,255 | 4,272 | 817 | 635 | 5,724 |
| Commercial | 2,255 | 0 | 2,255 | 4,242 | 788 | 532 | 5,562 |
| Military | 0 | 0 | 0 | 30 | 29 | 103 | 162 |
| Kerosene | 489 | 35 | 524 | 46 | 0 | 23 | 69 |
| Distillate Fuel Oil | 12,973 | 792 | 13,765 | 18,886 | 4,156 | 8,596 | 31,638 |
| 15 ppm sulfur and under | 6,303 | 651 | 6,954 | 16,856 | 3,746 | 8,305 | 28,907 |
| Greater than 15 ppm to 500 ppm sulfur | 586 | 84 | 670 | 1,208 | 377 | 22 | 1,607 |
| Greater than 500 ppm sulfur | 6,084 | 57 | 6,141 | 822 | 33 | 269 | 1,124 |
| Residual Fuel Oil | 3,352 | 37 | 3,389 | 1,111 | 220 | 166 | 1,497 |
| Less than 0.31 percent sulfur | 1,670 | 10 | 1,680 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 926 | 0 | 926 | 258 | 93 | 1 | 352 |
| Greater than 1.00 percent sulfur | 756 | 27 | 783 | 853 | 127 | 165 | 1,145 |
| Petrochemical Feedstocks | 316 | 0 | 316 | 365 | 0 | 57 | 422 |
| Naphtha for Petro. Feed. Use | 316 | 0 | 316 | 375 | 0 | 31 | 406 |
| Other Oils for Petro. Feed. Use | 0 | 0 | 0 | -10 | 0 | 26 | 16 |
| Special Naphthas | 0 | 14 | 14 | 101 | 0 | 10 | 111 |
| Lubricants | 269 | 234 | 503 | 2 | 0 | 151 | 153 |
| Naphthenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Paraffinic | 269 | 234 | 503 | 2 | 0 | 151 | 153 |
| Waxes | 0 | 24 | 24 | 0 | 0 | 40 | 40 |
| Petroleum Coke | 1,524 | 20 | 1,544 | 2,842 | 587 | 846 | 4,275 |
| Marketable | 472 | 0 | 472 | 1,873 | 417 | 713 | 3,003 |
| Catalyst | 1,052 | 20 | 1,072 | 969 | 170 | 133 | 1,272 |
| Asphalt and Road Oil | 629 | 565 | 1,194 | 3,766 | 1,109 | 562 | 5,437 |
| Still Gas | 1,632 | 64 | 1,696 | 2,494 | 672 | 972 | 4,138 |
| Miscellaneous Products | 48 | 12 | 60 | 234 | 100 | 61 | 395 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 48 | 12 | 60 | 234 | 100 | 61 | 395 |
| Total | 93,400 | 3,158 | 96,558 | 76,538 | 15,604 | 25,907 | 118,049 |
| Processing Gain(-) or Loss(+) ^a | -2,472 | -5 | -2,477 | -3,379 | -1,216 | -1,029 | -5,624 |

See footnotes at end of table.

**Table 28. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts,
December 2008 (Continued)**
(Thousand Barrels)

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|--|----------------|------------------|---------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 165 | 4,678 | 3,135 | 11 | 20 | 8,009 | 45 | 844 | 10,585 |
| Ethane/Ethylene | 0 | 476 | 36 | 0 | 0 | 512 | 0 | 0 | 534 |
| Ethane | 0 | 326 | 36 | 0 | 0 | 362 | 0 | 0 | 362 |
| Ethylene | 0 | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 172 |
| Propane/Propylene | 438 | 4,723 | 4,305 | 12 | 65 | 9,543 | 270 | 1,337 | 15,161 |
| Propane | 216 | 2,297 | 2,315 | 12 | 65 | 4,905 | 255 | 1,265 | 9,477 |
| Propylene | 222 | 2,426 | 1,990 | 0 | 0 | 4,638 | 15 | 72 | 5,684 |
| Normal Butane/Butylene | -203 | -637 | -1,478 | -1 | -45 | -2,364 | -193 | -569 | -5,641 |
| Normal Butane | -193 | -285 | -1,315 | -1 | -45 | -1,839 | -147 | -569 | -5,160 |
| Butylene | -10 | -352 | -163 | 0 | 0 | -525 | -46 | 0 | -481 |
| Isobutane/Isobutylene | -70 | 116 | 272 | 0 | 0 | 318 | -32 | 76 | 531 |
| Isobutane | -70 | 77 | 272 | 0 | 0 | 279 | -32 | 76 | 478 |
| Isobutylene | 0 | 39 | 0 | 0 | 0 | 39 | 0 | 0 | 53 |
| Finished Motor Gasoline | 13,679 | 34,996 | 32,781 | 2,802 | 1,401 | 85,659 | 9,738 | 44,580 | 273,674 |
| Reformulated | 6,501 | 5,780 | 0 | 0 | 0 | 12,281 | 0 | 33,203 | 94,933 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 6,501 | 5,775 | 0 | 0 | 0 | 12,276 | 0 | 33,203 | 94,928 |
| Reformulated (Non-Oxygenated) | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| Conventional | 7,178 | 29,216 | 32,781 | 2,802 | 1,401 | 73,378 | 9,738 | 11,377 | 178,741 |
| Conventional Blended with Alcohol | 1,377 | 0 | 1,725 | 3,606 | 722 | 7,430 | 4,252 | 8,899 | 101,852 |
| Conventional Other | 5,801 | 29,216 | 31,056 | -804 | 679 | 65,948 | 5,486 | 2,478 | 76,889 |
| Finished Aviation Gasoline | 15 | 169 | 168 | 0 | 0 | 352 | 6 | 91 | 489 |
| Kerosene-Type Jet Fuel | 961 | 8,550 | 10,313 | 263 | 35 | 20,122 | 632 | 14,128 | 42,861 |
| Commercial | 687 | 6,520 | 10,015 | 179 | 0 | 17,401 | 525 | 12,952 | 38,695 |
| Military | 274 | 2,030 | 298 | 84 | 35 | 2,721 | 107 | 1,176 | 4,166 |
| Kerosene | 62 | -77 | 521 | 19 | 0 | 525 | 80 | 3 | 1,201 |
| Distillate Fuel Oil | 5,310 | 34,945 | 29,406 | 1,714 | 1,154 | 72,529 | 5,052 | 16,865 | 139,849 |
| 15 ppm sulfur and under | 4,999 | 25,079 | 14,003 | 1,223 | 1,106 | 46,410 | 4,452 | 13,760 | 100,483 |
| Greater than 15 ppm to 500 ppm sulfur | 74 | 7,608 | 9,855 | 49 | 32 | 17,618 | 613 | 1,292 | 21,800 |
| Greater than 500 ppm sulfur | 237 | 2,258 | 5,548 | 442 | 16 | 8,501 | -13 | 1,813 | 17,566 |
| Residual Fuel Oil | 179 | 3,978 | 4,469 | 183 | 86 | 8,895 | 346 | 4,394 | 18,521 |
| Less than 0.31 percent sulfur | 57 | 8 | 836 | 0 | 0 | 901 | 75 | 81 | 2,737 |
| 0.31 to 1.00 percent sulfur | 0 | 626 | 286 | 154 | 6 | 1,072 | 50 | 1,683 | 4,083 |
| Greater than 1.00 percent sulfur | 122 | 3,344 | 3,347 | 29 | 80 | 6,922 | 221 | 2,630 | 11,701 |
| Petrochemical Feedstocks | 33 | 3,759 | 2,977 | 0 | -22 | 6,747 | 0 | 100 | 7,585 |
| Naphtha for Petro. Feed. Use | 32 | 1,572 | 701 | 0 | -22 | 2,283 | 0 | 3 | 3,008 |
| Other Oils for Petro. Feed. Use | 1 | 2,187 | 2,276 | 0 | 0 | 4,464 | 0 | 97 | 4,577 |
| Special Naphthas | 121 | 491 | 177 | 99 | 0 | 888 | 0 | 65 | 1,078 |
| Lubricants | 38 | 1,763 | 914 | 529 | 0 | 3,244 | 0 | 684 | 4,584 |
| Naphthenic | 38 | 100 | 0 | 402 | 0 | 540 | 0 | 121 | 661 |
| Paraffinic | 0 | 1,663 | 914 | 127 | 0 | 2,704 | 0 | 563 | 3,923 |
| Waxes | 0 | 47 | 29 | 15 | 0 | 91 | 0 | 0 | 155 |
| Petroleum Coke | 401 | 8,091 | 5,801 | 89 | 26 | 14,408 | 856 | 4,792 | 25,875 |
| Marketable | 236 | 6,139 | 4,584 | 89 | 0 | 11,048 | 644 | 3,812 | 18,979 |
| Catalyst | 165 | 1,952 | 1,217 | 0 | 26 | 3,360 | 212 | 980 | 6,896 |
| Asphalt and Road Oil | 521 | 298 | 558 | 744 | 75 | 2,196 | 862 | 870 | 10,559 |
| Still Gas | 928 | 5,145 | 3,828 | 191 | 154 | 10,246 | 821 | 3,803 | 20,704 |
| Miscellaneous Products | 96 | 827 | 476 | 13 | 8 | 1,420 | 79 | 403 | 2,357 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 47 | 54 |
| Nonfuel Use | 96 | 827 | 476 | 13 | 8 | 1,420 | 72 | 356 | 2,303 |
| Total | 22,509 | 107,660 | 95,553 | 6,672 | 2,937 | 235,331 | 18,517 | 91,622 | 560,077 |
| Processing Gain(-) or Loss(+) ^a | -633 | -8,209 | -7,060 | -43 | -134 | -16,079 | -655 | -5,200 | -30,035 |

^a Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Terminal Blenders Report."

Table 29. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels, Except Where Noted)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|--|----------------|-------------------|---------------|----------------|----------------|---------------|----------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Crude Oil | 36,927 | 2,814 | 39,741 | 62,988 | 13,367 | 20,660 | 97,015 |
| Natural Gas Liquids and LRGs | 775 | 0 | 775 | 3,128 | 256 | 884 | 4,268 |
| Pentanes Plus | 0 | 0 | 0 | 593 | 125 | 476 | 1,194 |
| Liquefied Petroleum Gases | 775 | 0 | 775 | 2,535 | 131 | 408 | 3,074 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Normal Butane | 217 | 0 | 217 | 1,450 | 102 | 22 | 1,574 |
| Isobutane | 558 | 0 | 558 | 1,085 | 29 | 386 | 1,500 |
| Other Liquids | -6,314 | -3 | -6,317 | -17,679 | -4,363 | 589 | -21,453 |
| Other Hydrocarbons/Oxygenates | 158 | 0 | 158 | 423 | 114 | 123 | 660 |
| Other Hydrocarbons/Hydrogen | 21 | 0 | 21 | 284 | 60 | 110 | 454 |
| Oxygenates | 137 | 0 | 137 | 139 | 54 | 13 | 206 |
| Fuel Ethanol (FE) | 137 | 0 | 137 | 139 | 54 | 13 | 206 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils (net) | 5,531 | -23 | 5,508 | 1,843 | -54 | 475 | 2,264 |
| Naphthas and Lighter | 831 | -30 | 801 | 1,431 | 15 | 43 | 1,489 |
| Kerosene and Light Gas Oils | 86 | 0 | 86 | -110 | -146 | 111 | -145 |
| Heavy Gas Oils | 2,178 | 8 | 2,186 | 725 | 77 | 711 | 1,513 |
| Residuum | 2,436 | -1 | 2,435 | -203 | 0 | -390 | -593 |
| Motor Gasoline Blending Components (MGBC) (net) | -12,003 | 20 | -11,983 | -19,945 | -4,423 | -9 | -24,377 |
| Reformulated | -10,634 | 0 | -10,634 | -8,741 | -327 | 0 | -9,068 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | -10,634 | 0 | -10,634 | -8,741 | -327 | 0 | -9,068 |
| Conventional | -1,369 | 20 | -1,349 | -11,204 | -4,096 | -9 | -15,309 |
| CBOB for Blending with Alcohol | -2,082 | 0 | -2,082 | -12,387 | -3,390 | 0 | -15,777 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 713 | 20 | 733 | 1,183 | -706 | -9 | 468 |
| Aviation Gasoline Blending Components (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Input to Refineries | 31,388 | 2,811 | 34,199 | 48,437 | 9,260 | 22,133 | 79,830 |
| Atmospheric Crude Oil Distillation | | | | | | | |
| Gross Input (daily average) | 1,198 | 91 | 1,288 | 2,055 | 433 | 666 | 3,155 |
| Operable Capacity (daily average) | 1,627 | 95 | 1,722 | 2,381 | 454 | 845 | 3,680 |
| Operable Utilization Rate (percent) ^b | 73.6 | 95.6 | 74.8 | 86.3 | 95.3 | 78.9 | 85.7 |
| Downstream Processing | | | | | | | |
| Fresh Feed Input (daily average) | | | | | | | |
| Catalytic Cracking | 567 | 16 | 583 | 660 | 134 | 184 | 978 |
| Catalytic Hydrocracking | 33 | 0 | 33 | 101 | 94 | 55 | 250 |
| Delayed and Fluid Coking | 72 | 0 | 72 | 178 | 57 | 78 | 313 |
| Crude Oil Qualities | | | | | | | |
| Sulfur Content, Weighted Average (percent) | 0.57 | 1.49 | 0.63 | 1.34 | 2.07 | 1.03 | 1.37 |
| API Gravity, Weighted Average (degrees) | 32.86 | 32.26 | 32.82 | 32.85 | 27.11 | 35.16 | 32.55 |
| Operable Capacity (daily average) | 1,627 | 95 | 1,722 | 2,381 | 454 | 845 | 3,680 |
| Operating | 1,547 | 95 | 1,642 | 2,375 | 454 | 845 | 3,675 |
| Idle | 80 | 0 | 80 | 6 | 0 | 0 | 6 |
| Alaskan Crude Oil Receipts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 29. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008 (Continued)
(Thousand Barrels, Except Where Noted)

| Commodity | PAD District 3 | | | | | | PAD Dist. | PAD Dist. | U. S. Total |
|--|----------------|------------------|---------------|--------------|--------------|----------------|----------------|-----------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | 4 Rocky Mt. | 5 West Coast | |
| Crude Oil | 16,283 | 102,706 | 89,622 | 5,128 | 3,066 | 216,805 | 16,073 | 75,299 | 444,933 |
| Natural Gas Liquids and LRGs | 803 | 5,829 | 2,830 | 178 | 168 | 9,808 | 552 | 2,415 | 17,818 |
| Pentanes Plus | 345 | 1,780 | 467 | 62 | 0 | 2,654 | 125 | 759 | 4,732 |
| Liquefied Petroleum Gases | 458 | 4,049 | 2,363 | 116 | 168 | 7,154 | 427 | 1,656 | 13,086 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Normal Butane | 279 | 1,820 | 1,182 | 54 | 0 | 3,335 | 319 | 1,007 | 6,452 |
| Isobutane | 179 | 2,229 | 1,181 | 62 | 168 | 3,819 | 108 | 649 | 6,634 |
| Other Liquids | -2,016 | -14,468 | -4,867 | 8 | -516 | -21,859 | 234 | -28,735 | -78,130 |
| Other Hydrocarbons/Oxygenates | 204 | 1,450 | 962 | 23 | 16 | 2,655 | 311 | 1,147 | 4,931 |
| Other Hydrocarbons/Hydrogen | 183 | 1,448 | 919 | 23 | 9 | 2,582 | 197 | 1,029 | 4,283 |
| Oxygenates | 21 | 2 | 43 | 0 | 7 | 73 | 114 | 118 | 648 |
| Fuel Ethanol (FE) | 21 | 0 | 43 | 0 | 7 | 71 | 114 | 118 | 646 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils (net) | 12 | 9,009 | 7,867 | 18 | 305 | 17,211 | 129 | 1,450 | 26,562 |
| Naphthas and Lighter | -155 | 2,168 | -309 | 50 | 262 | 2,016 | 31 | 302 | 4,639 |
| Kerosene and Light Gas Oils | 49 | -1,589 | 2,516 | -47 | 13 | 942 | -203 | 224 | 904 |
| Heavy Gas Oils | 160 | 6,873 | 3,586 | 40 | 30 | 10,689 | 363 | 901 | 15,652 |
| Residuum | -42 | 1,557 | 2,074 | -25 | 0 | 3,564 | -62 | 23 | 5,367 |
| Motor Gasoline Blending Components (MGBC) (net) | -2,232 | -24,927 | -13,696 | -33 | -837 | -41,725 | -206 | -31,332 | -109,623 |
| Reformulated | -1,495 | -14,815 | -3,616 | 0 | -850 | -20,776 | 0 | -27,376 | -67,854 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | -1,495 | -14,815 | -3,616 | 0 | -850 | -20,776 | 0 | -27,376 | -67,854 |
| Conventional | -737 | -10,112 | -10,080 | -33 | 13 | -20,949 | -206 | -3,956 | -41,769 |
| CBOB for Blending with Alcohol | -868 | -7,823 | -8,835 | 0 | 0 | -17,526 | -265 | -4,436 | -40,086 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 131 | -2,289 | -1,245 | -33 | 13 | -3,423 | 59 | 480 | -1,683 |
| Aviation Gasoline Blending Components (net) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Input to Refineries | 15,070 | 94,067 | 87,585 | 5,314 | 2,718 | 204,754 | 16,859 | 48,979 | 384,621 |
| Atmospheric Crude Oil Distillation | | | | | | | | | |
| Gross Input (daily average) | 531 | 3,351 | 2,988 | 158 | 99 | 7,126 | 523 | 2,696 | 14,788 |
| Operable Capacity (daily average) | 671 | 4,081 | 3,329 | 213 | 122 | 8,416 | 608 | 3,195 | 17,621 |
| Operable Utilization Rate (percent) ^{b,c} | 79.2 | 82.1 | 89.8 | 73.9 | 81.3 | 84.7 | 86.0 | 84.4 | 83.9 |
| Downstream Processing | | | | | | | | | |
| Fresh Feed Input (daily average) | | | | | | | | | |
| Catalytic Cracking | 136 | 1,302 | 1,077 | 19 | 31 | 2,565 | 158 | 601 | 4,886 |
| Catalytic Hydrocracking | 40 | 294 | 179 | 0 | 0 | 513 | 13 | 491 | 1,300 |
| Delayed and Fluid Coking | 26 | 659 | 430 | 8 | 0 | 1,123 | 58 | 459 | 2,026 |
| Crude Oil Qualities | | | | | | | | | |
| Sulfur Content, Weighted Average (percent) | 1.08 | 2.08 | 1.65 | 1.56 | 0.46 | 1.78 | 1.42 | 1.34 | 1.50 |
| API Gravity, Weighted Average (degrees) | 36.88 | 27.27 | 29.44 | 32.45 | 39.89 | 29.23 | 31.84 | 26.97 | 29.99 |
| Operable Capacity (daily average) | 671 | 4,081 | 3,329 | 213 | 122 | 8,416 | 608 | 3,195 | 17,621 |
| Operating | 613 | 4,081 | 3,304 | 213 | 122 | 8,333 | 603 | 3,142 | 17,394 |
| Idle | 58 | 0 | 25 | 0 | 0 | 83 | 5 | 53 | 227 |
| Alaskan Crude Oil Receipts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20,574 | 20,574 |

^a Includes ethyl tertiary butyl ether (ETBE), 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).

^b Represents gross input divided by operable calendar day capacity.

Notes: Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

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

Table 30. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|--|----------------|-------------------|---------------|----------------|----------------|---------------|---------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Liquefied Refinery Gases | 849 | -10 | 839 | 1,405 | -235 | -322 | 848 |
| Ethane/Ethylene | 22 | 0 | 22 | 0 | 0 | 0 | 0 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethylene | 22 | 0 | 22 | 0 | 0 | 0 | 0 |
| Propane/Propylene | 1,334 | 32 | 1,366 | 1,840 | 295 | 510 | 2,645 |
| Propane | 765 | 32 | 797 | 1,546 | 291 | 418 | 2,255 |
| Propylene | 569 | 0 | 569 | 294 | 4 | 92 | 390 |
| Normal Butane/Butylene | -710 | -40 | -750 | -419 | -536 | -810 | -1,765 |
| Normal Butane | -777 | -40 | -817 | -424 | -536 | -828 | -1,788 |
| Butylene | 67 | 0 | 67 | 5 | 0 | 18 | 23 |
| Isobutane/Isobutylene | 203 | -2 | 201 | -16 | 6 | -22 | -32 |
| Isobutane | 189 | -2 | 187 | -16 | 6 | -22 | -32 |
| Isobutylene | 14 | 0 | 14 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 9,524 | 1,029 | 10,553 | 16,292 | 3,010 | 11,365 | 30,667 |
| Reformulated | 1,876 | 0 | 1,876 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 1,876 | 0 | 1,876 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 7,648 | 1,029 | 8,677 | 16,292 | 3,010 | 11,365 | 30,667 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 1,368 | 552 | 130 | 2,050 |
| Conventional Other | 7,648 | 1,029 | 8,677 | 14,924 | 2,458 | 11,235 | 28,617 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 40 | 0 | 40 |
| Kerosene-Type Jet Fuel | 2,255 | 0 | 2,255 | 4,272 | 817 | 635 | 5,724 |
| Kerosene | 489 | 35 | 524 | 46 | 0 | 23 | 69 |
| Distillate Fuel Oil | 12,973 | 792 | 13,765 | 18,886 | 4,156 | 8,596 | 31,638 |
| 15 ppm sulfur and under | 6,303 | 651 | 6,954 | 16,856 | 3,746 | 8,305 | 28,907 |
| Greater than 15 ppm to 500 ppm sulfur | 586 | 84 | 670 | 1,208 | 377 | 22 | 1,607 |
| Greater than 500 ppm sulfur | 6,084 | 57 | 6,141 | 822 | 33 | 269 | 1,124 |
| Residual Fuel Oil | 3,352 | 37 | 3,389 | 1,111 | 220 | 166 | 1,497 |
| Less than 0.31 percent sulfur | 1,670 | 10 | 1,680 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 926 | 0 | 926 | 258 | 93 | 1 | 352 |
| Greater than 1.00 percent sulfur | 756 | 27 | 783 | 853 | 127 | 165 | 1,145 |
| Petrochemical Feedstocks | 316 | 0 | 316 | 365 | 0 | 57 | 422 |
| Naphtha for Petro. Feed. Use | 316 | 0 | 316 | 375 | 0 | 31 | 406 |
| Other Oils for Petro. Feed. Use | 0 | 0 | 0 | -10 | 0 | 26 | 16 |
| Special Naphthas | 0 | 14 | 14 | 101 | 0 | 10 | 111 |
| Lubricants | 269 | 234 | 503 | 2 | 0 | 151 | 153 |
| Waxes | 0 | 24 | 24 | 0 | 0 | 40 | 40 |
| Petroleum Coke | 1,524 | 20 | 1,544 | 2,842 | 587 | 846 | 4,275 |
| Marketable | 472 | 0 | 472 | 1,873 | 417 | 713 | 3,003 |
| Catalyst | 1,052 | 20 | 1,072 | 969 | 170 | 133 | 1,272 |
| Asphalt and Road Oil | 629 | 565 | 1,194 | 3,766 | 1,109 | 562 | 5,437 |
| Still Gas | 1,632 | 64 | 1,696 | 2,494 | 672 | 972 | 4,138 |
| Miscellaneous Products | 48 | 12 | 60 | 234 | 100 | 61 | 395 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nonfuel Use | 48 | 12 | 60 | 234 | 100 | 61 | 395 |
| Total | 33,860 | 2,816 | 36,676 | 51,816 | 10,476 | 23,162 | 85,454 |
| Processing Gain(-) or Loss(+) ^a | -2,472 | -5 | -2,477 | -3,379 | -1,216 | -1,029 | -5,624 |

Table 30. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|--|----------------|------------------|---------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 165 | 4,678 | 3,135 | 11 | 20 | 8,009 | 45 | 844 | 10,585 |
| Ethane/Ethylene | 0 | 476 | 36 | 0 | 0 | 512 | 0 | 0 | 534 |
| Ethane | 0 | 326 | 36 | 0 | 0 | 362 | 0 | 0 | 362 |
| Ethylene | 0 | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 172 |
| Propane/Propylene | 438 | 4,723 | 4,305 | 12 | 65 | 9,543 | 270 | 1,337 | 15,161 |
| Propane | 216 | 2,297 | 2,315 | 12 | 65 | 4,905 | 255 | 1,265 | 9,477 |
| Propylene | 222 | 2,426 | 1,990 | 0 | 0 | 4,638 | 15 | 72 | 5,684 |
| Normal Butane/Butylene | -203 | -637 | -1,478 | -1 | -45 | -2,364 | -193 | -569 | -5,641 |
| Normal Butane | -193 | -285 | -1,315 | -1 | -45 | -1,839 | -147 | -569 | -5,160 |
| Butylene | -10 | -352 | -163 | 0 | 0 | -525 | -46 | 0 | -481 |
| Isobutane/Isobutylene | -70 | 116 | 272 | 0 | 0 | 318 | -32 | 76 | 531 |
| Isobutane | -70 | 77 | 272 | 0 | 0 | 279 | -32 | 76 | 478 |
| Isobutylene | 0 | 39 | 0 | 0 | 0 | 39 | 0 | 0 | 53 |
| Finished Motor Gasoline | 6,873 | 29,612 | 31,873 | 1,487 | 1,316 | 71,161 | 8,735 | 7,137 | 128,253 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,648 | 3,524 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,648 | 3,524 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 6,873 | 29,612 | 31,873 | 1,487 | 1,316 | 71,161 | 8,735 | 5,489 | 124,729 |
| Conventional Blended with Alcohol | 221 | 0 | 426 | 0 | 80 | 727 | 1,164 | 68 | 4,009 |
| Conventional Other | 6,652 | 29,612 | 31,447 | 1,487 | 1,236 | 70,434 | 7,571 | 5,421 | 120,720 |
| Finished Aviation Gasoline | 15 | 169 | 168 | 0 | 0 | 352 | 6 | 91 | 489 |
| Kerosene-Type Jet Fuel | 961 | 8,550 | 10,313 | 263 | 35 | 20,122 | 632 | 14,128 | 42,861 |
| Kerosene | 62 | -77 | 521 | 19 | 0 | 525 | 80 | 3 | 1,201 |
| Distillate Fuel Oil | 5,310 | 34,945 | 29,406 | 1,714 | 1,154 | 72,529 | 5,052 | 16,865 | 139,849 |
| 15 ppm sulfur and under | 4,999 | 25,079 | 14,003 | 1,223 | 1,106 | 46,410 | 4,452 | 13,760 | 100,483 |
| Greater than 15 ppm to 500 ppm sulfur | 74 | 7,608 | 9,855 | 49 | 32 | 17,618 | 613 | 1,292 | 21,800 |
| Greater than 500 ppm sulfur | 237 | 2,258 | 5,548 | 442 | 16 | 8,501 | -13 | 1,813 | 17,566 |
| Residual Fuel Oil | 179 | 3,978 | 4,469 | 183 | 86 | 8,895 | 346 | 4,394 | 18,521 |
| Less than 0.31 percent sulfur | 57 | 8 | 836 | 0 | 0 | 901 | 75 | 81 | 2,737 |
| 0.31 to 1.00 percent sulfur | 0 | 626 | 286 | 154 | 6 | 1,072 | 50 | 1,683 | 4,083 |
| Greater than 1.00 percent sulfur | 122 | 3,344 | 3,347 | 29 | 80 | 6,922 | 221 | 2,630 | 11,701 |
| Petrochemical Feedstocks | 33 | 3,759 | 2,977 | 0 | -22 | 6,747 | 0 | 100 | 7,585 |
| Naphtha for Petro. Feed. Use | 32 | 1,572 | 701 | 0 | -22 | 2,283 | 0 | 3 | 3,008 |
| Other Oils for Petro. Feed. Use | 1 | 2,187 | 2,276 | 0 | 0 | 4,464 | 0 | 97 | 4,577 |
| Special Naphthas | 121 | 491 | 177 | 99 | 0 | 888 | 0 | 65 | 1,078 |
| Lubricants | 38 | 1,763 | 914 | 529 | 0 | 3,244 | 0 | 684 | 4,584 |
| Waxes | 0 | 47 | 29 | 15 | 0 | 91 | 0 | 0 | 155 |
| Petroleum Coke | 401 | 8,091 | 5,801 | 89 | 26 | 14,408 | 856 | 4,792 | 25,875 |
| Marketable | 236 | 6,139 | 4,584 | 89 | 0 | 11,048 | 644 | 3,812 | 18,979 |
| Catalyst | 165 | 1,952 | 1,217 | 0 | 26 | 3,360 | 212 | 980 | 6,896 |
| Asphalt and Road Oil | 521 | 298 | 558 | 744 | 75 | 2,196 | 862 | 870 | 10,559 |
| Still Gas | 928 | 5,145 | 3,828 | 191 | 154 | 10,246 | 821 | 3,803 | 20,704 |
| Miscellaneous Products | 96 | 827 | 476 | 13 | 8 | 1,420 | 79 | 403 | 2,357 |
| Fuel Use | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 47 | 54 |
| Nonfuel Use | 96 | 827 | 476 | 13 | 8 | 1,420 | 72 | 356 | 2,303 |
| Total | 15,703 | 102,276 | 94,645 | 5,357 | 2,852 | 220,833 | 17,514 | 54,179 | 414,656 |
| Processing Gain(-) or Loss(+) ^a | -633 | -8,209 | -7,060 | -43 | -134 | -16,079 | -655 | -5,200 | -30,035 |

^a Represents the arithmetic difference between input and production

Note: Refer to Appendix A for Refining District descriptions.

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

Table 31. Motor Gasoline Terminal Blenders Net Input and Net Production, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|--|----------------|-------------------|---------------|----------------|----------------|--------------|---------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Net Input (Blended) | | | | | | | |
| Total Net Input | 59,540 | 342 | 59,882 | 24,722 | 5,128 | 2,745 | 32,595 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 0 | 8 | 8 |
| Normal Butane | 73 | 0 | 73 | 39 | 7 | 207 | 253 |
| Isobutane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenates | 6,753 | 342 | 7,095 | 3,568 | 981 | 1,068 | 5,617 |
| Fuel Ethanol (FE) | 6,753 | 342 | 7,095 | 3,568 | 981 | 1,068 | 5,617 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blend. Comp. (net) | 52,714 | 0 | 52,714 | 21,115 | 4,140 | 1,462 | 26,717 |
| Reformulated | 20,882 | 0 | 20,882 | 7,640 | 1,576 | 1,227 | 10,443 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 20,882 | 0 | 20,882 | 7,640 | 1,576 | 1,227 | 10,443 |
| Conventional | 31,832 | 0 | 31,832 | 13,475 | 2,564 | 235 | 16,274 |
| CBOB for Blending with Alcohol | 20,292 | 0 | 20,292 | 13,475 | 2,564 | 235 | 16,274 |
| GTAB | 2,371 | 0 | 2,371 | 0 | 0 | 0 | 0 |
| Other | 9,169 | 0 | 9,169 | 0 | 0 | 0 | 0 |
| Net Production | | | | | | | |
| Finished Motor Gasoline | 59,540 | 342 | 59,882 | 24,722 | 5,128 | 2,745 | 32,595 |
| Reformulated | 35,949 | 0 | 35,949 | 8,509 | 1,752 | 1,363 | 11,624 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 35,949 | 0 | 35,949 | 8,509 | 1,752 | 1,363 | 11,624 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 23,591 | 342 | 23,933 | 16,213 | 3,376 | 1,382 | 20,971 |
| Conventional Blended with Alcohol | 31,963 | 3,391 | 35,354 | 26,727 | 7,937 | 9,203 | 43,867 |
| Conventional Other | -8,372 | -3,049 | -11,421 | -10,514 | -4,561 | -7,821 | -22,896 |

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|--|----------------|------------------|---------------|--------------|------------|---------------|--------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Net Input (Blended) | | | | | | | | | |
| Total Net Input | 6,806 | 5,384 | 908 | 1,315 | 85 | 14,498 | 1,003 | 37,443 | 145,421 |
| Pentanes Plus | 0 | 53 | 0 | 0 | 0 | 53 | 11 | 0 | 72 |
| Normal Butane | 8 | 18 | 0 | 21 | 0 | 47 | 0 | 0 | 373 |
| Isobutane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenates | 767 | 580 | 130 | 363 | 64 | 1,904 | 311 | 2,900 | 17,827 |
| Fuel Ethanol (FE) | 767 | 580 | 130 | 363 | 64 | 1,904 | 311 | 2,900 | 17,827 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blend. Comp. (net) | 6,031 | 4,733 | 778 | 931 | 21 | 12,494 | 681 | 34,543 | 127,149 |
| Reformulated | 5,849 | 5,233 | 0 | 0 | 0 | 11,082 | 0 | 29,538 | 71,945 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 5,849 | 5,233 | 0 | 0 | 0 | 11,082 | 0 | 29,538 | 71,945 |
| Conventional | 182 | -500 | 778 | 931 | 21 | 1,412 | 681 | 5,005 | 55,204 |
| CBOB for Blending with Alcohol | 182 | -1,896 | 778 | 893 | 21 | -22 | 667 | 5,005 | 42,216 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,371 |
| Other | 0 | 1,396 | 0 | 38 | 0 | 1,434 | 14 | 0 | 10,617 |
| Net Production | | | | | | | | | |
| Finished Motor Gasoline | 6,806 | 5,384 | 908 | 1,315 | 85 | 14,498 | 1,003 | 37,443 | 145,421 |
| Reformulated | 6,501 | 5,780 | 0 | 0 | 0 | 12,281 | 0 | 31,555 | 91,409 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 6,501 | 5,775 | 0 | 0 | 0 | 12,276 | 0 | 31,555 | 91,404 |
| Reformulated (Non-Oxygenated) | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| Conventional | 305 | -396 | 908 | 1,315 | 85 | 2,217 | 1,003 | 5,888 | 54,012 |
| Conventional Blended with Alcohol | 1,156 | 0 | 1,299 | 3,606 | 642 | 6,703 | 3,088 | 8,831 | 97,843 |
| Conventional Other | -851 | -396 | -391 | -2,291 | -557 | -4,486 | -2,085 | -2,943 | -43,831 |

^a Includes ethyl tertiary butyl ether (ETBE), 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).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-815, "Monthly Terminal Blenders Report."

Table 32. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|---|----------------|-------------------|---------------|----------------|----------------|---------------|---------------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Crude Oil | 12,993 | 601 | 13,594 | 8,231 | 1,810 | 2,056 | 12,097 |
| Petroleum Products | 27,306 | 2,086 | 29,392 | 29,295 | 6,574 | 9,983 | 45,852 |
| Pentanes Plus | 0 | 0 | 0 | 109 | 60 | 349 | 518 |
| Liquefied Petroleum Gases | 1,853 | 33 | 1,886 | 2,399 | 209 | 781 | 3,389 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane/Propylene | 358 | 2 | 360 | 1,040 | 21 | 289 | 1,350 |
| Normal Butane/Butylene | 1,139 | 20 | 1,159 | 1,135 | 139 | 292 | 1,566 |
| Isobutane/Isobutylene | 356 | 11 | 367 | 224 | 49 | 200 | 473 |
| Other Hydrocarbons/Hydrogen/Oxygenates | 120 | 0 | 120 | 63 | 22 | 6 | 91 |
| Other Hydrocarbons/Hydrogen | 0 | 0 | 0 | 34 | 0 | 0 | 34 |
| Oxygenates | 120 | 0 | 120 | 29 | 22 | 6 | 57 |
| Fuel Ethanol (FE) | 120 | 0 | 120 | 29 | 22 | 6 | 57 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 6,256 | 446 | 6,702 | 9,265 | 453 | 2,963 | 12,681 |
| Naphthas and Lighter | 1,412 | 259 | 1,671 | 2,628 | 103 | 765 | 3,496 |
| Kerosene and Light Gas Oils | 779 | 0 | 779 | 1,942 | 182 | 343 | 2,467 |
| Heavy Gas Oils | 2,573 | 179 | 2,752 | 3,272 | 168 | 1,060 | 4,500 |
| Residuum | 1,492 | 8 | 1,500 | 1,423 | 0 | 795 | 2,218 |
| Motor Gasoline Blending Components (MGBC) | 8,344 | 18 | 8,362 | 5,533 | 1,156 | 1,050 | 7,739 |
| Reformulated | 3,706 | 0 | 3,706 | 994 | 0 | 0 | 994 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 3,706 | 0 | 3,706 | 994 | 0 | 0 | 994 |
| Conventional | 4,638 | 18 | 4,656 | 4,539 | 1,156 | 1,050 | 6,745 |
| CBOB for Blending with Alcohol | 75 | 0 | 75 | 1,504 | 496 | 0 | 2,000 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 4,563 | 18 | 4,581 | 3,035 | 660 | 1,050 | 4,745 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 1,553 | 224 | 1,777 | 1,666 | 722 | 1,730 | 4,118 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 1,553 | 224 | 1,777 | 1,666 | 722 | 1,730 | 4,118 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 1,553 | 224 | 1,777 | 1,666 | 722 | 1,730 | 4,118 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 4 | 107 | 0 | 111 |
| Kerosene-Type Jet Fuel | 807 | 0 | 807 | 1,288 | 239 | 228 | 1,755 |
| Kerosene | 55 | 20 | 75 | 44 | 0 | 29 | 73 |
| Distillate Fuel Oil | 4,928 | 275 | 5,203 | 4,218 | 1,216 | 1,594 | 7,028 |
| 15 ppm sulfur and under | 2,219 | 138 | 2,357 | 3,033 | 619 | 1,311 | 4,963 |
| Greater than 15 ppm to 500 ppm sulfur | 72 | 107 | 179 | 584 | 252 | 66 | 902 |
| Greater than 500 ppm sulfur | 2,637 | 30 | 2,667 | 601 | 345 | 217 | 1,163 |
| Residual Fuel Oil | 1,408 | 29 | 1,437 | 897 | 192 | 87 | 1,176 |
| Less than 0.31 percent sulfur | 570 | 8 | 578 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 591 | 1 | 592 | 99 | 29 | 0 | 128 |
| Greater than 1.00 percent sulfur | 247 | 20 | 267 | 798 | 163 | 87 | 1,048 |
| Petrochemical Feedstocks | 495 | 0 | 495 | 475 | 0 | 14 | 489 |
| Naphtha for Petro. Feed. Use | 495 | 0 | 495 | 373 | 0 | 14 | 387 |
| Other Oils for Petro. Feed. Use | 0 | 0 | 0 | 102 | 0 | 0 | 102 |
| Special Naphthas | 0 | 19 | 19 | 180 | 0 | 9 | 189 |
| Lubricants | 555 | 294 | 849 | 38 | 0 | 239 | 277 |
| Waxes | 0 | 175 | 175 | 0 | 0 | 18 | 18 |
| Petroleum Coke | 171 | 0 | 171 | 544 | 515 | 59 | 1,118 |
| Marketable | 171 | 0 | 171 | 544 | 515 | 59 | 1,118 |
| Catalyst | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 753 | 541 | 1,294 | 2,510 | 1,658 | 819 | 4,987 |
| Miscellaneous Products | 8 | 12 | 20 | 62 | 25 | 8 | 95 |
| Total Stocks, All Oils | 40,299 | 2,687 | 42,986 | 37,526 | 8,384 | 12,039 | 57,949 |

See footnotes at end of table.

Table 32. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|---|----------------|------------------|---------------|--------------|--------------|----------------|---------------|---------------|----------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Crude Oil | 1,085 | 21,422 | 15,174 | 1,353 | 338 | 39,372 | 1,950 | 19,572 | 86,585 |
| Petroleum Products | 8,257 | 56,258 | 44,894 | 4,279 | 1,245 | 114,933 | 10,353 | 51,738 | 252,268 |
| Pentanes Plus | 107 | 65 | 199 | 9 | 1 | 381 | 20 | 0 | 919 |
| Liquefied Petroleum Gases | 1,388 | 980 | 3,279 | 10 | 35 | 5,692 | 344 | 1,225 | 12,536 |
| Ethane/Ethylene | 212 | 0 | 0 | 0 | 0 | 212 | 0 | 0 | 212 |
| Propane/Propylene | 713 | 71 | 585 | 2 | 4 | 1,375 | 103 | 133 | 3,321 |
| Normal Butane/Butylene | 319 | 553 | 2,012 | 2 | 17 | 2,903 | 175 | 697 | 6,500 |
| Isobutane/Isobutylene | 144 | 356 | 682 | 6 | 14 | 1,202 | 66 | 395 | 2,503 |
| Other Hydrocarbons/Hydrogen/Oxygenates | 12 | 67 | 16 | 5 | 10 | 110 | 44 | 31 | 396 |
| Other Hydrocarbons/Hydrogen | 0 | 0 | 1 | 5 | 0 | 6 | 0 | 4 | 44 |
| Oxygenates | 12 | 67 | 15 | 0 | 10 | 104 | 44 | 27 | 352 |
| Fuel Ethanol (FE) | 12 | 0 | 15 | 0 | 10 | 37 | 44 | 27 | 285 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 67 | 0 | 0 | 0 | 67 | 0 | 0 | 67 |
| All Other Oxygenates ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 2,382 | 21,115 | 15,123 | 866 | 367 | 39,853 | 2,666 | 18,975 | 80,877 |
| Naphthas and Lighter | 996 | 5,726 | 3,342 | 162 | 146 | 10,372 | 550 | 3,358 | 19,447 |
| Kerosene and Light Gas Oils | 405 | 4,289 | 2,840 | 446 | 35 | 8,015 | 557 | 3,891 | 15,709 |
| Heavy Gas Oils | 355 | 8,225 | 6,140 | 257 | 186 | 15,163 | 1,191 | 9,192 | 32,798 |
| Residuum | 626 | 2,875 | 2,801 | 1 | 0 | 6,303 | 368 | 2,534 | 12,923 |
| Motor Gasoline Blending Components (MGBC) | 1,191 | 9,953 | 5,469 | 66 | 297 | 16,976 | 1,770 | 13,623 | 48,470 |
| Reformulated | 208 | 1,952 | 420 | 0 | 0 | 2,580 | 0 | 5,678 | 12,958 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 208 | 1,952 | 420 | 0 | 0 | 2,580 | 0 | 5,678 | 12,958 |
| Conventional | 983 | 8,001 | 5,049 | 66 | 297 | 14,396 | 1,770 | 7,945 | 35,512 |
| CBOB for Blending with Alcohol | 48 | 914 | 740 | 0 | 0 | 1,702 | 0 | 1,018 | 4,795 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 935 | 7,087 | 4,309 | 66 | 297 | 12,694 | 1,770 | 6,927 | 30,717 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 887 | 4,271 | 5,474 | 250 | 135 | 11,017 | 2,354 | 1,379 | 20,645 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 18 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 18 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 887 | 4,271 | 5,474 | 250 | 135 | 11,017 | 2,354 | 1,361 | 20,627 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| Conventional Other | 887 | 4,271 | 5,474 | 250 | 135 | 11,017 | 2,350 | 1,361 | 20,623 |
| Finished Aviation Gasoline | 51 | 182 | 173 | 0 | 0 | 406 | 19 | 140 | 676 |
| Kerosene-Type Jet Fuel | 394 | 2,057 | 2,256 | 55 | 18 | 4,780 | 252 | 3,993 | 11,587 |
| Kerosene | 15 | 0 | 120 | 6 | 0 | 141 | 9 | 99 | 397 |
| Distillate Fuel Oil | 776 | 6,362 | 5,603 | 471 | 233 | 13,445 | 1,315 | 5,358 | 32,349 |
| 15 ppm sulfur and under | 607 | 4,066 | 2,762 | 326 | 124 | 7,885 | 994 | 3,708 | 19,907 |
| Greater than 15 ppm to 500 ppm sulfur | 76 | 1,190 | 1,520 | 7 | 23 | 2,816 | 237 | 474 | 4,608 |
| Greater than 500 ppm sulfur | 93 | 1,106 | 1,321 | 138 | 86 | 2,744 | 84 | 1,176 | 7,834 |
| Residual Fuel Oil | 63 | 2,282 | 1,684 | 247 | 69 | 4,345 | 280 | 2,921 | 10,159 |
| Less than 0.31 percent sulfur | 3 | 32 | 194 | 0 | 0 | 229 | 19 | 176 | 1,002 |
| 0.31 to 1.00 percent sulfur | 0 | 131 | 85 | 205 | 7 | 428 | 37 | 928 | 2,113 |
| Greater than 1.00 percent sulfur | 60 | 2,119 | 1,405 | 42 | 62 | 3,688 | 224 | 1,817 | 7,044 |
| Petrochemical Feedstocks | 55 | 966 | 733 | 3 | 12 | 1,769 | 0 | 56 | 2,809 |
| Naphtha for Petro. Feed. Use | 14 | 499 | 344 | 3 | 12 | 872 | 0 | 3 | 1,757 |
| Other Oils for Petro. Feed. Use | 41 | 467 | 389 | 0 | 0 | 897 | 0 | 53 | 1,052 |
| Special Naphthas | 103 | 759 | 0 | 61 | 0 | 923 | 1 | 49 | 1,181 |
| Lubricants | 59 | 2,487 | 1,888 | 850 | 0 | 5,284 | 0 | 1,061 | 7,471 |
| Waxes | 0 | 91 | 107 | 44 | 0 | 242 | 0 | 0 | 435 |
| Petroleum Coke | 29 | 4,111 | 1,877 | 0 | 0 | 6,017 | 330 | 1,160 | 8,796 |
| Marketable | 29 | 4,111 | 1,877 | 0 | 0 | 6,017 | 330 | 1,160 | 8,796 |
| Catalyst | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 707 | 357 | 759 | 1,335 | 67 | 3,225 | 930 | 1,433 | 11,869 |
| Miscellaneous Products | 38 | 153 | 134 | 1 | 1 | 327 | 19 | 235 | 696 |
| Total Stocks, All Oils | 9,342 | 77,680 | 60,068 | 5,632 | 1,583 | 154,305 | 12,303 | 71,310 | 338,853 |

^a Includes ethyl tertiary butyl ether (ETBE), 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).

Notes: Stocks are reported as of the last day of the month. Refer to Appendix A for Refining District descriptions.

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

Table 33. Percent Yield of Petroleum Products by PAD and Refining Districts, December 2008

| Commodity | PAD District 1 | | | PAD District 2 | | | |
|--|----------------|-------------------|-------|----------------|----------------|------------|-------|
| | East Coast | Appalachian No. 1 | Total | IN, IL, KY | MN, WI, ND, SD | OK, KS, MO | Total |
| Liquefied Refinery Gases | 2.0 | -0.4 | 1.9 | 2.2 | -1.8 | -1.5 | 0.9 |
| Finished Motor Gasoline ^a | 48.5 | 36.2 | 47.7 | 50.4 | 53.1 | 49.1 | 50.5 |
| Finished Aviation Gasoline ^b | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| Kerosene-Type Jet Fuel | 5.3 | 0.0 | 5.0 | 6.6 | 6.1 | 3.0 | 5.8 |
| Kerosene | 1.2 | 1.3 | 1.2 | 0.1 | 0.0 | 0.1 | 0.1 |
| Distillate Fuel Oil | 30.6 | 28.4 | 30.4 | 29.1 | 31.2 | 40.7 | 31.9 |
| Residual Fuel Oil | 7.9 | 1.3 | 7.5 | 1.7 | 1.7 | 0.8 | 1.5 |
| Naphtha for Petro. Feed. Use | 0.7 | 0.0 | 0.7 | 0.6 | 0.0 | 0.1 | 0.4 |
| Other Oils for Petro. Feed. Use | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| Special Naphthas | 0.0 | 0.5 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 |
| Lubricants | 0.6 | 8.4 | 1.1 | 0.0 | 0.0 | 0.7 | 0.2 |
| Waxes | 0.0 | 0.9 | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 |
| Petroleum Coke | 3.6 | 0.7 | 3.4 | 4.4 | 4.4 | 4.0 | 4.3 |
| Asphalt and Road Oil | 1.5 | 20.2 | 2.6 | 5.8 | 8.3 | 2.7 | 5.5 |
| Still Gas | 3.8 | 2.3 | 3.7 | 3.8 | 5.0 | 4.6 | 4.2 |
| Miscellaneous Products | 0.1 | 0.4 | 0.1 | 0.4 | 0.8 | 0.3 | 0.4 |
| Processing Gain(-) or Loss(+) ^c | -5.8 | -0.2 | -5.5 | -5.2 | -9.1 | -4.9 | -5.7 |

| Commodity | PAD District 3 | | | | | | PAD Dist. 4 | PAD Dist. 5 | U. S. Total |
|--|----------------|------------------|---------------|-----------|------------|-------|-------------|-------------|-------------|
| | Texas Inland | Texas Gulf Coast | LA Gulf Coast | N. LA, AR | New Mexico | Total | Rocky Mt. | West Coast | |
| Liquefied Refinery Gases | 1.0 | 4.2 | 3.2 | 0.2 | 0.6 | 3.4 | 0.3 | 1.1 | 2.2 |
| Finished Motor Gasoline ^a | 49.7 | 42.3 | 42.9 | 25.6 | 58.4 | 42.9 | 49.9 | 45.5 | 45.6 |
| Finished Aviation Gasoline ^b | 0.1 | 0.2 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | 0.1 |
| Kerosene-Type Jet Fuel | 5.9 | 7.7 | 10.6 | 5.1 | 1.0 | 8.6 | 3.9 | 18.4 | 9.1 |
| Kerosene | 0.4 | -0.1 | 0.5 | 0.4 | 0.0 | 0.2 | 0.5 | 0.0 | 0.3 |
| Distillate Fuel Oil | 32.6 | 31.3 | 30.2 | 33.3 | 34.2 | 31.0 | 31.2 | 22.0 | 29.7 |
| Residual Fuel Oil | 1.1 | 3.6 | 4.6 | 3.6 | 2.6 | 3.8 | 2.1 | 5.7 | 3.9 |
| Naphtha for Petro. Feed. Use | 0.2 | 1.4 | 0.7 | 0.0 | -0.7 | 1.0 | 0.0 | 0.0 | 0.6 |
| Other Oils for Petro. Feed. Use | 0.0 | 2.0 | 2.3 | 0.0 | 0.0 | 1.9 | 0.0 | 0.1 | 1.0 |
| Special Naphthas | 0.7 | 0.4 | 0.2 | 1.9 | 0.0 | 0.4 | 0.0 | 0.1 | 0.2 |
| Lubricants | 0.2 | 1.6 | 0.9 | 10.3 | 0.0 | 1.4 | 0.0 | 0.9 | 1.0 |
| Waxes | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Petroleum Coke | 2.5 | 7.2 | 6.0 | 1.7 | 0.8 | 6.2 | 5.3 | 6.2 | 5.5 |
| Asphalt and Road Oil | 3.2 | 0.3 | 0.6 | 14.5 | 2.2 | 0.9 | 5.3 | 1.1 | 2.2 |
| Still Gas | 5.7 | 4.6 | 3.9 | 3.7 | 4.6 | 4.4 | 5.1 | 5.0 | 4.4 |
| Miscellaneous Products | 0.6 | 0.7 | 0.5 | 0.0 | 0.0 | 0.6 | 0.5 | 0.5 | 0.5 |
| Processing Gain(-) or Loss(+) ^c | -3.9 | -7.3 | -7.2 | -0.8 | -4.0 | -6.9 | -4.0 | -6.8 | -6.4 |

^a Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, other hydrocarbons and oxygenates.

^b Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

^c Represents the difference between input and production.

Notes: Percent yield is based on crude oil input and net reruns of unfinished oils. Totals may not equal sum of components due to independent rounding. Refer to Appendix A for Refining District descriptions.

Sources: Calculated from data on Tables 29 and 30.

Table 34. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, December 2008
(Thousand Barrels)

| PAD District and State of Entry | Residual Fuel Oil | | | |
|---------------------------------|-------------------------|-----------------------|----------------------------|---------------|
| | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | Total |
| PAD District 1 | 164 | 3,260 | 4,435 | 7,859 |
| Connecticut | 0 | 0 | 0 | 0 |
| Delaware | 0 | 0 | 125 | 125 |
| Florida | 0 | 0 | 950 | 950 |
| Georgia | 0 | 0 | 447 | 447 |
| Maine | 0 | 0 | 453 | 453 |
| Maryland | 0 | 440 | 0 | 440 |
| Massachusetts | 150 | 475 | 0 | 625 |
| New Hampshire | 0 | 0 | 0 | 0 |
| New Jersey | 0 | 1,113 | 521 | 1,634 |
| New York | 14 | 1,019 | 1,038 | 2,071 |
| North Carolina | 0 | 0 | 130 | 130 |
| Pennsylvania | 0 | 0 | 0 | 0 |
| Rhode Island | 0 | 0 | 53 | 53 |
| South Carolina | 0 | 0 | 211 | 211 |
| Vermont | 0 | 23 | 15 | 38 |
| Virginia | 0 | 190 | 492 | 682 |
| PAD District 2 | 2 | 64 | 76 | 142 |
| Illinois | 0 | 0 | 0 | 0 |
| Indiana | 0 | 0 | 0 | 0 |
| Michigan | 0 | 0 | 9 | 9 |
| Minnesota | 0 | 16 | 41 | 57 |
| North Dakota | 2 | 48 | 26 | 76 |
| Ohio | 0 | 0 | 0 | 0 |
| Wisconsin | 0 | 0 | 0 | 0 |
| PAD District 3 | 171 | 390 | 1,573 | 2,134 |
| Alabama | 0 | 0 | 0 | 0 |
| Louisiana | 171 | 165 | 0 | 336 |
| Mississippi | 0 | 0 | 0 | 0 |
| New Mexico | 0 | 0 | 0 | 0 |
| Texas | 0 | 225 | 1,573 | 1,798 |
| PAD District 4 | 0 | 0 | 0 | 0 |
| Idaho | 0 | 0 | 0 | 0 |
| Montana | 0 | 0 | 0 | 0 |
| PAD District 5 | 0 | 63 | 1,677 | 1,740 |
| Alaska | 0 | 0 | 0 | 0 |
| California | 0 | 0 | 1,648 | 1,648 |
| Hawaii | 0 | 0 | 0 | 0 |
| Oregon | 0 | 0 | 0 | 0 |
| Washington | 0 | 63 | 29 | 92 |
| U.S. Total | 337 | 3,777 | 7,761 | 11,875 |

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 35. Imports of Crude Oil and Petroleum Products by PAD District, December 2008
(Thousand Barrels, Except Where Noted)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|---------------------------------------|---------------|---------------|----------------|--------------|---------------|----------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Crude Oil^{a,b} | 40,505 | 48,277 | 160,453 | 7,741 | 35,019 | 291,995 | 9,419 |
| Natural Gas Liquids and LRG's | 3,242 | 4,032 | 1,392 | 546 | 152 | 9,364 | 302 |
| Pentanes Plus | 0 | 20 | 654 | 0 | 0 | 674 | 22 |
| Liquefied Petroleum Gases | 3,242 | 4,012 | 738 | 546 | 152 | 8,690 | 280 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethylene | 0 | 7 | 0 | 0 | 0 | 7 | 0 |
| Propane | 2,226 | 3,236 | 276 | 497 | 152 | 6,387 | 206 |
| Propylene | 194 | 479 | 0 | 4 | 0 | 677 | 22 |
| Normal Butane | 738 | 156 | 251 | 34 | 0 | 1,179 | 38 |
| Butylene | 0 | 62 | 90 | 11 | 0 | 163 | 5 |
| Isobutane | 84 | 72 | 121 | 0 | 0 | 277 | 9 |
| Isobutylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Liquids | 31,450 | 10 | 18,871 | 0 | 3,011 | 53,342 | 1,721 |
| Other Hydrocarbons/Oxygenates | 290 | 3 | 111 | 0 | 100 | 504 | 16 |
| Other Hydrocarbons/Hydrogen | 0 | 0 | 41 | 0 | 0 | 41 | 1 |
| Oxygenates | 290 | 3 | 70 | 0 | 100 | 463 | 15 |
| Fuel Ethanol | 290 | 3 | 70 | 0 | 100 | 463 | 15 |
| MTBE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oxygenates ^c | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils ^a | 5,605 | 0 | 16,344 | 0 | 1,974 | 23,923 | 772 |
| Naphthas and Lighter | 999 | 0 | 2,838 | 0 | 250 | 4,087 | 132 |
| Kerosene and Light Gas Oils | 0 | 0 | 100 | 0 | 55 | 155 | 5 |
| Heavy Gas Oils | 3,766 | 0 | 8,563 | 0 | 1,669 | 13,998 | 452 |
| Residuum | 840 | 0 | 4,843 | 0 | 0 | 5,683 | 183 |
| Motor Gasoline Blending Components | 25,555 | 7 | 2,416 | 0 | 937 | 28,915 | 933 |
| Reformulated | 8,903 | 7 | 0 | 0 | 0 | 8,910 | 287 |
| GTAB | 1,369 | 0 | 0 | 0 | 0 | 1,369 | 44 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 7,534 | 7 | 0 | 0 | 0 | 7,541 | 243 |
| Conventional | 16,652 | 0 | 2,416 | 0 | 937 | 20,005 | 645 |
| CBOB for Blending with Alcohol | 1,865 | 0 | 0 | 0 | 40 | 1,905 | 61 |
| GTAB | 515 | 0 | 0 | 0 | 0 | 515 | 17 |
| Other | 14,272 | 0 | 2,416 | 0 | 897 | 17,585 | 567 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 35. Imports of Crude Oil and Petroleum Products by PAD District, December 2008 (Continued)
(Thousand Barrels, Except Where Noted)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|---|---------------|---------------|----------------|--------------|---------------|----------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Finished Petroleum Products | 21,450 | 760 | 11,068 | 215 | 2,417 | 35,910 | 1,158 |
| Finished Motor Gasoline | 3,361 | 5 | 1,220 | 0 | 0 | 4,586 | 148 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 3,361 | 5 | 1,220 | 0 | 0 | 4,586 | 148 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 3,361 | 5 | 1,220 | 0 | 0 | 4,586 | 148 |
| Finished Aviation Gasoline | 3 | 4 | 0 | 0 | 0 | 7 | 0 |
| Kerosene-Type Jet Fuel | 1,715 | 0 | 37 | 0 | 371 | 2,123 | 68 |
| Bonded Aircraft Fuel | 3 | 0 | 0 | 0 | 30 | 33 | 1 |
| Other | 1,712 | 0 | 37 | 0 | 341 | 2,090 | 67 |
| Kerosene | 324 | 2 | 0 | 0 | 0 | 326 | 11 |
| Distillate Fuel Oil | 7,248 | 212 | 442 | 108 | 113 | 8,123 | 262 |
| 15 ppm sulfur and under | 2,924 | 71 | 0 | 108 | 7 | 3,110 | 100 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2,924 | 71 | 0 | 108 | 7 | 3,110 | 100 |
| Greater than 15 ppm to 500 ppm sulfur | 1,197 | 141 | 201 | 0 | 0 | 1,539 | 50 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,197 | 141 | 201 | 0 | 0 | 1,539 | 50 |
| Greater than 500 ppm to 2000 ppm sulfur | 2,111 | 0 | 241 | 0 | 0 | 2,352 | 76 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2,111 | 0 | 241 | 0 | 0 | 2,352 | 76 |
| Greater than 2000 ppm | 1,016 | 0 | 0 | 0 | 106 | 1,122 | 36 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,016 | 0 | 0 | 0 | 106 | 1,122 | 36 |
| Residual Fuel Oil | 7,859 | 142 | 2,134 | 0 | 1,740 | 11,875 | 383 |
| Less than 0.31 percent sulfur | 164 | 2 | 171 | 0 | 0 | 337 | 11 |
| 0.31 to 1.00 percent sulfur | 3,260 | 64 | 390 | 0 | 63 | 3,777 | 122 |
| Greater than 1.00 percent sulfur | 4,435 | 76 | 1,573 | 0 | 1,677 | 7,761 | 250 |
| Petrochemical Feedstocks | 308 | 113 | 6,280 | 0 | 91 | 6,792 | 219 |
| Naphtha for Petro. Feed. Use | 306 | 79 | 2,965 | 0 | 91 | 3,441 | 111 |
| Other Oils for Petro. Feed. Use | 2 | 34 | 3,315 | 0 | 0 | 3,351 | 108 |
| Special Naphthas | 0 | 12 | 363 | 0 | 0 | 375 | 12 |
| Lubricants | 76 | 79 | 308 | 0 | 1 | 464 | 15 |
| Waxes | 23 | 3 | 18 | 0 | 49 | 93 | 3 |
| Petroleum Coke (Marketable) | 302 | 72 | 266 | 0 | 26 | 666 | 21 |
| Asphalt and Road Oil | 231 | 110 | 0 | 106 | 25 | 472 | 15 |
| Miscellaneous Products | 0 | 6 | 0 | 1 | 1 | 8 | 0 |
| Total | 96,647 | 53,079 | 191,784 | 8,502 | 40,599 | 390,611 | 12,600 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

^b Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^c Includes ethyl tertiary butyl ether (ETBE), 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).

LRG = Liquefied Refinery Gases.

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

Sources: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 36. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-December 2008
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|---|----------------|----------------|------------------|---------------|----------------|------------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Crude Oil^{a,b} | 519,682 | 553,142 | 1,954,231 | 95,106 | 448,687 | 3,570,848 | 9,756 |
| Natural Gas Liquids and LRG's | 27,004 | 35,153 | 29,280 | 5,211 | 1,255 | 97,903 | 267 |
| Pentanes Plus | 340 | 244 | 7,374 | 26 | 0 | 7,984 | 22 |
| Liquefied Petroleum Gases | 26,664 | 34,909 | 21,906 | 5,185 | 1,255 | 89,919 | 246 |
| Ethane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethylene | 0 | 121 | 0 | 0 | 0 | 121 | 0 |
| Propane | 19,188 | 25,135 | 8,153 | 4,883 | 1,091 | 58,450 | 160 |
| Propylene | 2,749 | 5,311 | 145 | 17 | 4 | 8,226 | 22 |
| Normal Butane | 2,427 | 1,439 | 8,894 | 255 | 160 | 13,175 | 36 |
| Butylene | 45 | 1,265 | 1,096 | 26 | 0 | 2,432 | 7 |
| Isobutane | 2,255 | 1,638 | 3,618 | 4 | 0 | 7,515 | 21 |
| Isobutylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Liquids | 324,369 | 3,509 | 220,639 | 7 | 31,583 | 580,107 | 1,585 |
| Other Hydrocarbons/Oxygenates | 9,031 | 79 | 2,102 | 0 | 1,456 | 12,668 | 35 |
| Other Hydrocarbons/Hydrogen | 0 | 6 | 231 | 0 | 0 | 237 | 1 |
| Oxygenates | 9,031 | 73 | 1,871 | 0 | 1,456 | 12,431 | 34 |
| Fuel Ethanol | 9,031 | 73 | 1,787 | 0 | 1,456 | 12,347 | 34 |
| MTBE | 0 | 0 | 84 | 0 | 0 | 84 | 0 |
| Other Oxygenates ^c | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils ^a | 63,367 | 3,399 | 191,128 | 7 | 21,290 | 279,191 | 763 |
| Naphthas and Lighter | 10,640 | 0 | 25,108 | 0 | 1,903 | 37,651 | 103 |
| Kerosene and Light Gas Oils | 0 | 0 | 399 | 0 | 366 | 765 | 2 |
| Heavy Gas Oils | 38,951 | 2,943 | 85,705 | 5 | 18,318 | 145,922 | 399 |
| Residuum | 13,776 | 456 | 79,916 | 2 | 703 | 94,853 | 259 |
| Motor Gasoline Blending Components (MGBC) | 251,971 | 31 | 27,409 | 0 | 8,837 | 288,248 | 788 |
| Reformulated | 103,506 | 7 | 116 | 0 | 637 | 104,266 | 285 |
| GTAB | 19,757 | 0 | 116 | 0 | 637 | 20,510 | 56 |
| RBOB for Blending with Ether | 240 | 0 | 0 | 0 | 0 | 240 | 1 |
| RBOB for Blending with Alcohol | 83,509 | 7 | 0 | 0 | 0 | 83,516 | 228 |
| Conventional | 148,465 | 24 | 27,293 | 0 | 8,200 | 183,982 | 503 |
| CBOB for Blending with Alcohol | 9,961 | 0 | 307 | 0 | 874 | 11,142 | 30 |
| GTAB | 13,110 | 0 | 4,219 | 0 | 5 | 17,334 | 47 |
| Other | 125,394 | 24 | 22,767 | 0 | 7,321 | 155,506 | 425 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 36. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|---|------------------|----------------|------------------|----------------|----------------|------------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Finished Petroleum Products | 270,683 | 9,197 | 146,809 | 2,325 | 33,366 | 462,380 | 1,263 |
| Finished Motor Gasoline | 88,885 | 229 | 16,508 | 0 | 5,723 | 111,345 | 304 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 88,885 | 229 | 16,508 | 0 | 5,723 | 111,345 | 304 |
| Conventional Blended with Alcohol | 0 | 20 | 0 | 0 | 0 | 20 | 0 |
| Conventional Other | 88,885 | 209 | 16,508 | 0 | 5,723 | 111,325 | 304 |
| Finished Aviation Gasoline | 34 | 27 | 0 | 0 | 0 | 61 | 0 |
| Kerosene-Type Jet Fuel | 26,905 | 0 | 436 | 35 | 9,787 | 37,163 | 102 |
| Bonded Aircraft Fuel | 43 | 0 | 0 | 0 | 3,186 | 3,229 | 9 |
| Other | 26,862 | 0 | 436 | 35 | 6,601 | 33,934 | 93 |
| Kerosene | 753 | 7 | 0 | 0 | 0 | 760 | 2 |
| Distillate Fuel Oil | 66,466 | 1,602 | 4,857 | 1,311 | 3,009 | 77,245 | 211 |
| 15 ppm sulfur and under | 40,270 | 828 | 381 | 1,211 | 1,240 | 43,930 | 120 |
| Bonded | 0 | 0 | 0 | 0 | 169 | 169 | 0 |
| Other | 40,270 | 828 | 381 | 1,211 | 1,071 | 43,761 | 120 |
| Greater than 15 ppm to 500 ppm sulfur | 4,387 | 703 | 201 | 49 | 133 | 5,473 | 15 |
| Bonded | 0 | 12 | 0 | 0 | 0 | 12 | 0 |
| Other | 4,387 | 691 | 201 | 49 | 133 | 5,461 | 15 |
| Greater than 500 ppm to 2000 ppm sulfur | 17,808 | 22 | 4,275 | 49 | 1,050 | 23,204 | 63 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 17,808 | 22 | 4,275 | 49 | 1,050 | 23,204 | 63 |
| Greater than 2000 ppm sulfur | 4,001 | 49 | 0 | 2 | 586 | 4,638 | 13 |
| Bonded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 4,001 | 49 | 0 | 2 | 586 | 4,638 | 13 |
| Residual Fuel Oil | 73,667 | 1,719 | 39,511 | 27 | 12,354 | 127,278 | 348 |
| Less than 0.31 percent sulfur | 4,083 | 2 | 2,487 | 0 | 0 | 6,572 | 18 |
| 0.31 to 1.00 percent sulfur | 13,534 | 827 | 6,566 | 27 | 1,515 | 22,469 | 61 |
| Greater than 1.00 percent sulfur | 56,050 | 890 | 30,458 | 0 | 10,839 | 98,237 | 268 |
| Petrochemical Feedstocks | 3,110 | 1,594 | 73,102 | 0 | 849 | 78,655 | 215 |
| Naphtha for Petro. Feed. Use | 3,033 | 976 | 28,190 | 0 | 849 | 33,048 | 90 |
| Other Oils for Petro. Feed. Use | 77 | 618 | 44,912 | 0 | 0 | 45,607 | 125 |
| Special Naphthas | 933 | 274 | 4,577 | 0 | 75 | 5,859 | 16 |
| Lubricants | 1,170 | 1,179 | 4,104 | 0 | 14 | 6,467 | 18 |
| Waxes | 480 | 59 | 530 | 0 | 164 | 1,233 | 3 |
| Petroleum Coke (Marketable) | 3,604 | 928 | 3,141 | 0 | 364 | 8,037 | 22 |
| Asphalt and Road Oil | 4,671 | 1,498 | 5 | 944 | 1,022 | 8,140 | 22 |
| Miscellaneous Products | 5 | 81 | 38 | 8 | 5 | 137 | 0 |
| Total | 1,141,738 | 601,001 | 2,350,959 | 102,649 | 514,891 | 4,711,238 | 12,872 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

^b Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^c Includes ethyl tertiary butyl ether (ETBE), 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).

LRG = Liquefied Refinery Gases.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|--------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 158,079 | 441 | 1,749 | 5,691 | 0 | 823 | 823 |
| Algeria | 7,275 | 0 | 1,512 | 2,207 | 0 | 0 | 0 |
| Angola | 17,128 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 7,815 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 828 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 16,075 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 6,016 | 0 | 0 | 760 | 0 | 0 | 0 |
| Libya | 920 | 0 | 0 | 400 | 0 | 0 | 0 |
| Nigeria | 26,934 | 0 | 213 | 595 | 0 | 399 | 399 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 43,205 | 0 | 0 | 618 | 0 | 321 | 321 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 31,883 | 441 | 24 | 1,111 | 0 | 103 | 103 |
| Non OPEC | 133,916 | 233 | 6,941 | 18,232 | 0 | 3,763 | 3,763 |
| Argentina | 1,013 | 63 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 3,427 | 0 | 0 | 0 |
| Australia | 1,250 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 1,168 | 0 | 325 | 325 |
| Brazil | 6,460 | 150 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 200 | 0 | 0 | 291 | 0 | 0 | 0 |
| Canada | 63,038 | 20 | 5,757 | 218 | 0 | 705 | 705 |
| Chad | 3,263 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 4,593 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 2,956 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Egypt | 0 | 0 | 0 | 489 | 0 | 0 | 0 |
| Equatorial Guinea | 1,994 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 245 | 0 | 328 | 328 |
| Gabon | 2,134 | 0 | 0 | 0 | 0 | 43 | 43 |
| Germany | 0 | 0 | 0 | 845 | 0 | 0 | 0 |
| Guatemala | 678 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 504 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 406 | 0 | 162 | 162 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 329 | 329 |
| Malaysia | 626 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 34,919 | 0 | 0 | 394 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 956 | 0 | 1,376 | 1,376 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 786 | 0 | 1,041 | 363 | 0 | 0 | 0 |
| Oman | 210 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 345 | 0 | 0 | 0 |
| Russia | 1,680 | 0 | 0 | 4,416 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 295 | 295 |
| Sweden | 0 | 0 | 0 | 336 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 462 | 0 | 143 | 240 | 0 | 0 | 0 |
| United Kingdom | 1,166 | 0 | 0 | 712 | 0 | 0 | 0 |
| Vietnam | 2,291 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 1,392 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 4,197 | 0 | 0 | 1,485 | 0 | 0 | 0 |
| Total | 291,995 | 674 | 8,690 | 23,923 | 0 | 4,586 | 4,586 |
| Persian Gulf^b | 65,296 | 0 | 0 | 1,378 | 0 | 321 | 321 |

See footnotes at end of table.

Table 37. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|---------------|---------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|--------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 116 | 3,157 | 3,273 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 40 | 238 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 177 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 76 | 894 | 970 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 496 | 496 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 1,352 | 1,352 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 8,794 | 16,848 | 25,642 | 463 | 0 | 0 | 3,110 | 1,539 | 2,352 | 1,122 | 8,123 |
| Argentina | 0 | 642 | 642 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 | 0 | 0 | 510 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 72 | 58 | 130 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 31 |
| Brazil | 0 | 114 | 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 3,679 | 480 | 4,159 | 3 | 0 | 0 | 1,758 | 194 | 321 | 393 | 2,666 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 332 | 332 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 239 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 42 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 243 | 243 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 420 | 420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 194 | 354 | 548 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 427 | 2,032 | 2,459 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 169 | 312 | 481 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 562 | 562 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 509 | 509 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Netherlands | 809 | 2,450 | 3,259 | 0 | 0 | 0 | 0 | 201 | 0 | 0 | 201 |
| Netherlands Antilles | 0 | 101 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 9 | 262 | 271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 286 | 286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 56 | 1,303 | 1,359 | 0 | 0 | 0 | 0 | 435 | 1,097 | 490 | 2,022 |
| Spain | 5 | 1,066 | 1,071 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 350 | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 240 | 240 | 191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 857 | 2,616 | 3,473 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 2,174 | 1,665 | 3,839 | 0 | 0 | 0 | 1,350 | 199 | 903 | 0 | 2,452 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 286 | 451 | 737 | 269 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,910 | 20,005 | 28,915 | 463 | 0 | 0 | 3,110 | 1,539 | 2,352 | 1,122 | 8,123 |
| Persian Gulf^b | 0 | 496 | 496 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 37. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|------------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|---------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 432 | 144 | 0 | 909 | 148 | 1,057 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 614 | 0 | 614 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 0 | 295 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 432 | 0 | 0 | 0 | 148 | 148 |
| Non OPEC | 326 | 7 | 0 | 1,691 | 231 | 337 | 2,868 | 7,613 | 10,818 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 496 | 192 | 688 |
| Aruba | 0 | 0 | 0 | 287 | 0 | 0 | 225 | 0 | 225 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 346 | 346 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 120 | 0 | 92 | 0 | 92 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 55 | 7 | 0 | 132 | 69 | 16 | 888 | 1,754 | 2,658 |
| Chad | 0 | 0 | 0 | 0 | 0 | 150 | 260 | 0 | 410 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 100 | 0 | 0 | 199 | 671 | 870 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 391 | 42 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 221 | 0 | 0 | 41 | 0 | 0 | 5 | 1,356 | 1,361 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 171 | 0 | 319 | 490 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 703 | 1,400 | 2,103 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 987 | 987 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 50 | 0 | 0 | 740 | 0 | 0 | 0 | 270 | 270 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 318 | 318 |
| Total | 326 | 7 | 0 | 2,123 | 375 | 337 | 3,777 | 7,761 | 11,875 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 37. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|--------------|-----------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|--------------|---------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 1,815 | 2,259 | 0 | 268 | 7 | 13 | 0 | 17,972 | 176,051 | 5,099 | 580 | 5,679 |
| Algeria | 1,000 | 2,109 | 0 | 0 | 0 | 0 | 0 | 7,720 | 14,995 | 235 | 249 | 484 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 17,423 | 553 | 10 | 562 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 7,992 | 252 | 6 | 258 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 828 | 27 | 0 | 27 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,075 | 519 | 0 | 519 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 760 | 6,776 | 194 | 25 | 219 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400 | 1,320 | 30 | 13 | 43 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,177 | 29,111 | 869 | 70 | 939 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 815 | 0 | 0 | 0 | 0 | 0 | 0 | 2,394 | 45,599 | 1,394 | 77 | 1,471 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 150 | 0 | 268 | 7 | 13 | 0 | 4,049 | 35,932 | 1,028 | 131 | 1,159 |
| Non OPEC | 1,626 | 1,092 | 93 | 398 | 465 | 451 | 8 | 80,644 | 214,560 | 4,320 | 2,601 | 6,921 |
| Argentina | 0 | 202 | 0 | 50 | 0 | 1 | 0 | 1,684 | 2,697 | 33 | 54 | 87 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,449 | 4,449 | 0 | 144 | 144 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,250 | 40 | 0 | 40 |
| Bahamas | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 353 | 353 | 0 | 11 | 11 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 1,711 | 1,711 | 0 | 55 | 55 |
| Brazil | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 515 | 6,975 | 208 | 17 | 225 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 291 | 491 | 6 | 9 | 16 |
| Canada | 197 | 46 | 10 | 233 | 465 | 143 | 8 | 17,551 | 80,589 | 2,033 | 566 | 2,600 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 410 | 3,673 | 105 | 13 | 118 |
| China | 0 | 0 | 54 | 75 | 0 | 1 | 0 | 130 | 130 | 0 | 4 | 4 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,541 | 6,134 | 148 | 50 | 198 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,956 | 95 | 0 | 95 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 | 242 | 0 | 8 | 8 |
| Egypt | 318 | 0 | 0 | 0 | 0 | 0 | 0 | 1,050 | 1,050 | 0 | 34 | 34 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,994 | 64 | 0 | 64 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 420 | 420 | 0 | 14 | 14 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 548 | 548 | 0 | 18 | 18 |
| France | 0 | 46 | 0 | 0 | 0 | 5 | 0 | 3,083 | 3,083 | 0 | 99 | 99 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 2,177 | 69 | 1 | 70 |
| Germany | 85 | 0 | 0 | 1 | 0 | 9 | 0 | 1,421 | 1,421 | 0 | 46 | 46 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 678 | 22 | 0 | 22 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 504 | 504 | 0 | 16 | 16 |
| Italy | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 570 | 570 | 0 | 18 | 18 |
| Korea, South | 91 | 0 | 0 | 0 | 0 | 256 | 0 | 780 | 780 | 0 | 25 | 25 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 329 | 329 | 0 | 11 | 11 |
| Malaysia | 0 | 0 | 15 | 0 | 0 | 16 | 0 | 593 | 1,219 | 20 | 19 | 39 |
| Mexico | 624 | 0 | 0 | 0 | 0 | 0 | 0 | 3,152 | 38,071 | 1,126 | 102 | 1,228 |
| Netherlands | 15 | 0 | 1 | 0 | 0 | 0 | 0 | 6,298 | 6,298 | 0 | 203 | 203 |
| Netherlands Antilles | 0 | 418 | 0 | 0 | 0 | 0 | 0 | 519 | 519 | 0 | 17 | 17 |
| Norway | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 1,700 | 2,486 | 25 | 55 | 80 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 7 | 0 | 7 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 631 | 631 | 0 | 20 | 20 |
| Russia | 93 | 171 | 0 | 0 | 0 | 0 | 0 | 10,164 | 11,844 | 54 | 328 | 382 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,366 | 1,366 | 0 | 44 | 44 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 686 | 686 | 0 | 22 | 22 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,801 | 2,263 | 15 | 58 | 73 |
| United Kingdom | 100 | 0 | 0 | 0 | 0 | 16 | 0 | 4,301 | 5,467 | 38 | 139 | 176 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,291 | 74 | 0 | 74 |
| Virgin Islands, U.S. | 0 | 209 | 0 | 0 | 0 | 0 | 0 | 8,952 | 8,952 | 0 | 289 | 289 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 14 | 0 | 13 | 0 | 0 | 2 | 0 | 2,841 | 7,038 | 135 | 92 | 227 |
| Total | 3,441 | 3,351 | 93 | 666 | 472 | 464 | 8 | 98,616 | 390,611 | 9,419 | 3,181 | 12,600 |
| Persian Gulf^b | 815 | 0 | 0 | 0 | 0 | 0 | 0 | 3,154 | 68,450 | 2,106 | 102 | 2,208 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|----------------|----------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 1,983,502 | 6,111 | 26,217 | 52,650 | 0 | 3,191 | 3,191 |
| Algeria | 113,737 | 0 | 16,839 | 22,165 | 0 | 0 | 0 |
| Angola | 184,460 | 0 | 0 | 2,821 | 0 | 0 | 0 |
| Ecuador | 78,234 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 6,021 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 229,300 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 75,353 | 0 | 0 | 760 | 0 | 0 | 0 |
| Libya | 24,791 | 0 | 52 | 9,796 | 0 | 0 | 0 |
| Nigeria | 337,963 | 799 | 5,022 | 5,592 | 0 | 461 | 461 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 551,291 | 0 | 45 | 2,134 | 0 | 2,034 | 2,034 |
| United Arab Emirates | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 380,952 | 5,312 | 4,259 | 9,382 | 0 | 696 | 696 |
| Non OPEC | 1,587,346 | 1,873 | 63,702 | 226,541 | 0 | 108,154 | 108,154 |
| Argentina | 10,530 | 63 | 186 | 216 | 0 | 950 | 950 |
| Aruba | 0 | 0 | 0 | 26,137 | 0 | 225 | 225 |
| Australia | 12,229 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 320 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 74 | 20,166 | 0 | 5,650 | 5,650 |
| Brazil | 84,370 | 260 | 26 | 249 | 0 | 436 | 436 |
| Brunei | 356 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 3,626 | 0 | 0 | 1,071 | 0 | 0 | 0 |
| Canada | 706,910 | 270 | 51,344 | 1,358 | 0 | 10,304 | 10,304 |
| Chad | 37,239 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 4,201 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 65,076 | 0 | 0 | 1,187 | 0 | 0 | 0 |
| Congo (Brazzaville) | 24,673 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 1,177 | 0 | 512 | 512 |
| Egypt | 2,650 | 0 | 0 | 948 | 0 | 322 | 322 |
| Equatorial Guinea | 27,159 | 0 | 1,130 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 1,197 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 802 | 0 | 1,548 | 1,548 |
| France | 0 | 0 | 16 | 1,634 | 0 | 9,320 | 9,320 |
| Gabon | 21,268 | 45 | 0 | 0 | 0 | 43 | 43 |
| Germany | 0 | 0 | 0 | 9,872 | 0 | 3,573 | 3,573 |
| Guatemala | 5,394 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 1,841 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 2,527 | 0 | 10,711 | 10,711 |
| Korea, South | 0 | 0 | 3 | 38 | 0 | 3,260 | 3,260 |
| Latvia | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 524 | 0 | 3,874 | 3,874 |
| Malaysia | 626 | 0 | 0 | 437 | 0 | 0 | 0 |
| Mexico | 433,826 | 405 | 209 | 9,562 | 0 | 579 | 579 |
| Netherlands | 0 | 521 | 1,757 | 8,370 | 0 | 12,770 | 12,770 |
| Netherlands Antilles | 0 | 0 | 0 | 297 | 0 | 274 | 274 |
| Norway | 10,899 | 0 | 7,695 | 7,527 | 0 | 7,449 | 7,449 |
| Oman | 6,307 | 0 | 0 | 458 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 345 | 0 | 614 | 614 |
| Russia | 41,489 | 284 | 0 | 73,181 | 0 | 3,691 | 3,691 |
| Spain | 0 | 0 | 107 | 266 | 0 | 4,326 | 4,326 |
| Sweden | 0 | 0 | 0 | 4,306 | 0 | 1,855 | 1,855 |
| Syria | 0 | 0 | 0 | 1,767 | 0 | 0 | 0 |
| Trinidad and Tobago | 8,355 | 0 | 230 | 2,772 | 0 | 120 | 120 |
| United Kingdom | 27,401 | 0 | 260 | 9,713 | 0 | 12,783 | 12,783 |
| Vietnam | 10,628 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 105 | 18,443 | 0 | 11,010 | 11,010 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 42,134 | 25 | 560 | 17,831 | 0 | 1,955 | 1,955 |
| Total | 3,570,848 | 7,984 | 89,919 | 279,191 | 0 | 111,345 | 111,345 |
| Persian Gulf^b | 857,344 | 0 | 45 | 2,894 | 0 | 2,034 | 2,034 |

See footnotes at end of table.

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|----------------|----------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|---------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 1,843 | 32,197 | 34,040 | 0 | 84 | 0 | 1,417 | 812 | 97 | 0 | 2,326 |
| Algeria | 40 | 1,598 | 1,638 | 0 | 0 | 0 | 0 | 812 | 0 | 0 | 812 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 1,706 | 1,706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 938 | 0 | 0 | 0 | 938 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 1,157 | 9,436 | 10,593 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 2,904 | 2,904 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 646 | 16,553 | 17,199 | 0 | 0 | 0 | 479 | 0 | 97 | 0 | 576 |
| Non OPEC | 102,423 | 151,785 | 254,208 | 12,347 | 0 | 0 | 42,513 | 4,661 | 23,107 | 4,638 | 74,919 |
| Argentina | 0 | 2,504 | 2,504 | 0 | 0 | 0 | 154 | 0 | 0 | 0 | 154 |
| Aruba | 0 | 143 | 143 | 0 | 0 | 0 | 325 | 810 | 0 | 503 | 1,638 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 312 | 312 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 790 | 3,979 | 4,769 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 49 |
| Brazil | 67 | 890 | 957 | 4,609 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 42,187 | 4,842 | 47,029 | 83 | 0 | 0 | 26,340 | 2,119 | 5,336 | 2,785 | 36,580 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 327 | 327 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 457 | 457 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 239 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 42 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 1,331 | 1,331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 2,002 | 2,002 | 0 | 0 | 0 | 0 | 0 | 211 | 0 | 211 |
| Finland | 4,264 | 5,012 | 9,276 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| France | 4,069 | 16,239 | 20,308 | 0 | 0 | 0 | 0 | 0 | 148 | 0 | 148 |
| Gabon | 0 | 47 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 1,071 | 3,290 | 4,361 | 0 | 0 | 0 | 0 | 0 | 307 | 0 | 307 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 194 |
| Italy | 347 | 4,944 | 5,291 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 1,346 | 1,346 | 0 | 0 | 0 | 41 | 35 | 52 | 320 | 448 |
| Latvia | 228 | 1,817 | 2,045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 493 | 493 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 1,038 | 1,038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 2,568 | 2,568 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 35 |
| Netherlands | 6,156 | 27,253 | 33,409 | 29 | 0 | 0 | 282 | 201 | 125 | 70 | 678 |
| Netherlands Antilles | 271 | 1,422 | 1,693 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 62 |
| Norway | 9 | 1,905 | 1,914 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 442 | 1,169 | 1,611 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 761 | 14,248 | 15,009 | 0 | 0 | 0 | 216 | 435 | 3,739 | 527 | 4,917 |
| Spain | 1,239 | 7,301 | 8,540 | 0 | 0 | 0 | 0 | 0 | 350 | 0 | 350 |
| Sweden | 789 | 2,570 | 3,359 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 24 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 303 |
| Trinidad and Tobago | 121 | 2,717 | 2,838 | 1,618 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 10,152 | 22,330 | 32,482 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 95 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 28,164 | 7,838 | 36,002 | 1,068 | 0 | 0 | 13,547 | 1,061 | 11,103 | 0 | 25,711 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,254 | 9,451 | 10,705 | 4,940 | 0 | 0 | 1,573 | 0 | 1,188 | 0 | 2,761 |
| Total | 104,266 | 183,982 | 288,248 | 12,347 | 84 | 0 | 43,930 | 5,473 | 23,204 | 4,638 | 77,245 |
| Persian Gulf^b | 0 | 2,904 | 2,904 | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|------------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|----------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 8 | 0 | 0 | 8,857 | 1,568 | 1,650 | 3,920 | 7,375 | 12,945 |
| Algeria | 0 | 0 | 0 | 148 | 58 | 601 | 1,914 | 0 | 2,515 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 480 | 0 | 480 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 566 | 774 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 367 | 1 | 5 | 373 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 315 | 0 | 167 | 482 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 367 | 1,317 | 0 | 1,684 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 1,093 | 0 | 0 | 328 | 328 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 74 |
| Venezuela | 8 | 0 | 0 | 8,709 | 417 | 0 | 0 | 6,235 | 6,235 |
| Non OPEC | 752 | 61 | 0 | 28,306 | 4,291 | 4,922 | 18,549 | 90,862 | 114,333 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 207 | 1,011 | 384 | 1,602 |
| Aruba | 0 | 0 | 0 | 1,000 | 0 | 0 | 766 | 607 | 1,373 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 540 | 1,431 | 1,971 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 109 | 0 | 0 | 260 | 260 |
| Brazil | 0 | 0 | 0 | 0 | 515 | 0 | 1,748 | 43 | 1,791 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 503 | 141 | 0 | 644 |
| Canada | 396 | 61 | 0 | 2,696 | 1,710 | 198 | 5,033 | 20,680 | 25,911 |
| Chad | 0 | 0 | 0 | 0 | 0 | 150 | 504 | 187 | 841 |
| China | 0 | 0 | 0 | 45 | 21 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 170 | 0 | 0 | 622 | 5,441 | 6,063 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 244 | 0 | 244 |
| France | 0 | 0 | 0 | 0 | 8 | 0 | 43 | 512 | 555 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 62 | 0 | 743 | 0 | 743 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 68 | 0 | 456 | 75 | 531 |
| Korea, South | 0 | 0 | 0 | 6,977 | 407 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 301 | 0 | 0 | 101 | 95 | 196 |
| Mexico | 221 | 0 | 0 | 1,045 | 0 | 0 | 204 | 15,190 | 15,394 |
| Netherlands | 0 | 0 | 0 | 441 | 60 | 171 | 8 | 2,402 | 2,581 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 576 | 0 | 312 | 888 |
| Norway | 0 | 0 | 0 | 0 | 0 | 823 | 461 | 0 | 1,284 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 12 | 0 | 407 | 0 | 407 |
| Russia | 0 | 0 | 0 | 0 | 0 | 15 | 2,413 | 23,554 | 25,982 |
| Spain | 0 | 0 | 0 | 0 | 0 | 1,333 | 2 | 1,263 | 2,598 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 265 | 0 | 279 | 544 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 233 |
| Trinidad and Tobago | 0 | 0 | 0 | 73 | 0 | 0 | 212 | 6,798 | 7,010 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 675 | 988 | 552 | 2,215 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 135 | 0 | 0 | 13,483 | 1,013 | 6 | 46 | 6,570 | 6,622 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 2,075 | 306 | 0 | 1,856 | 3,673 | 5,529 |
| Total | 760 | 61 | 0 | 37,163 | 5,859 | 6,572 | 22,469 | 98,237 | 127,278 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 1,093 | 0 | 0 | 402 | 402 |

See footnotes at end of table.

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|---------------|--------------|----------------|----------------------|--------------|----------------|------------------|------------------------------|---------------|--------------|---------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 7,193 | 39,976 | 46 | 1,634 | 239 | 163 | 0 | 197,248 | 2,180,750 | 5,419 | 539 | 5,958 |
| Algeria | 4,801 | 37,479 | 0 | 0 | 0 | 0 | 0 | 86,455 | 200,192 | 311 | 236 | 547 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,301 | 187,761 | 504 | 9 | 513 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,480 | 80,714 | 214 | 7 | 221 |
| Indonesia | 37 | 699 | 0 | 0 | 0 | 0 | 0 | 2,047 | 8,068 | 16 | 6 | 22 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229,300 | 627 | 0 | 627 |
| Kuwait | 0 | 0 | 0 | 875 | 0 | 0 | 0 | 1,635 | 76,988 | 206 | 4 | 210 |
| Libya | 698 | 1,648 | 0 | 0 | 0 | 0 | 0 | 12,676 | 37,467 | 68 | 35 | 102 |
| Nigeria | 149 | 0 | 0 | 0 | 0 | 0 | 0 | 24,300 | 362,263 | 923 | 66 | 990 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 49 | 0 | 0 | 0 |
| Saudi Arabia | 841 | 0 | 0 | 0 | 0 | 0 | 0 | 9,414 | 560,705 | 1,506 | 26 | 1,532 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 1,474 | 4 | 0 | 4 |
| Venezuela | 667 | 150 | 46 | 759 | 239 | 163 | 0 | 54,817 | 435,769 | 1,041 | 150 | 1,191 |
| Non OPEC | 25,855 | 5,631 | 1,187 | 6,403 | 7,901 | 6,304 | 137 | 943,142 | 2,530,488 | 4,337 | 2,577 | 6,914 |
| Argentina | 418 | 348 | 0 | 541 | 0 | 17 | 0 | 7,065 | 17,595 | 29 | 19 | 48 |
| Aruba | 825 | 0 | 0 | 0 | 0 | 0 | 0 | 31,341 | 31,341 | 0 | 86 | 86 |
| Australia | 0 | 651 | 0 | 0 | 0 | 0 | 0 | 651 | 12,880 | 33 | 2 | 35 |
| Bahamas | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2,610 | 2,610 | 0 | 7 | 7 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 330 | 0 | 0 | 39 | 0 | 26 | 0 | 31,472 | 31,472 | 0 | 86 | 86 |
| Brazil | 358 | 0 | 6 | 646 | 0 | 0 | 38 | 9,891 | 94,261 | 231 | 27 | 258 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 356 | 1 | 0 | 1 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,715 | 5,341 | 10 | 5 | 15 |
| Canada | 2,551 | 707 | 135 | 1,699 | 7,827 | 2,259 | 99 | 193,025 | 899,935 | 1,931 | 527 | 2,459 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 841 | 38,080 | 102 | 2 | 104 |
| China | 16 | 0 | 661 | 356 | 0 | 1 | 0 | 1,427 | 5,628 | 11 | 4 | 15 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 8,162 | 73,238 | 178 | 22 | 200 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 24,694 | 67 | 0 | 67 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,731 | 1,731 | 0 | 5 | 5 |
| Egypt | 318 | 0 | 0 | 36 | 0 | 0 | 0 | 2,955 | 5,605 | 7 | 8 | 15 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,130 | 28,289 | 74 | 3 | 77 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,410 | 3,410 | 0 | 9 | 9 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,885 | 11,885 | 0 | 32 | 32 |
| France | 55 | 256 | 4 | 0 | 0 | 128 | 0 | 32,468 | 32,468 | 0 | 89 | 89 |
| Gabon | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 21,430 | 58 | 0 | 59 |
| Germany | 121 | 0 | 12 | 75 | 0 | 66 | 0 | 19,192 | 19,192 | 0 | 52 | 52 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,394 | 15 | 0 | 15 |
| India | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 2,040 | 2,040 | 0 | 6 | 6 |
| Italy | 99 | 0 | 0 | 0 | 0 | 151 | 0 | 19,423 | 19,423 | 0 | 53 | 53 |
| Korea, South | 1,833 | 23 | 0 | 0 | 0 | 3,322 | 0 | 17,657 | 17,657 | 0 | 48 | 48 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,347 | 2,347 | 0 | 6 | 6 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,891 | 4,891 | 0 | 13 | 13 |
| Malaysia | 0 | 0 | 132 | 0 | 0 | 59 | 0 | 2,163 | 2,789 | 2 | 6 | 8 |
| Mexico | 11,701 | 0 | 0 | 0 | 0 | 0 | 0 | 41,719 | 475,545 | 1,185 | 114 | 1,299 |
| Netherlands | 486 | 0 | 3 | 37 | 0 | 0 | 0 | 61,142 | 61,142 | 0 | 167 | 167 |
| Netherlands Antilles | 100 | 418 | 0 | 0 | 0 | 0 | 0 | 3,732 | 3,732 | 0 | 10 | 10 |
| Norway | 535 | 0 | 0 | 0 | 0 | 0 | 0 | 26,404 | 37,303 | 30 | 72 | 102 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 458 | 6,765 | 17 | 1 | 18 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,989 | 2,989 | 0 | 8 | 8 |
| Russia | 2,014 | 2,834 | 0 | 0 | 0 | 14 | 0 | 127,926 | 169,415 | 113 | 350 | 463 |
| Spain | 0 | 0 | 0 | 0 | 69 | 114 | 0 | 16,370 | 16,370 | 0 | 45 | 45 |
| Sweden | 53 | 0 | 0 | 0 | 0 | 12 | 0 | 10,153 | 10,153 | 0 | 28 | 28 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,303 | 2,303 | 0 | 6 | 6 |
| Trinidad and Tobago | 252 | 0 | 0 | 0 | 0 | 0 | 0 | 14,913 | 23,268 | 23 | 41 | 64 |
| United Kingdom | 359 | 17 | 0 | 0 | 0 | 33 | 0 | 58,014 | 85,415 | 75 | 159 | 233 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,628 | 29 | 0 | 29 |
| Virgin Islands, U.S. | 332 | 377 | 0 | 2,890 | 0 | 0 | 0 | 117,191 | 117,191 | 0 | 320 | 320 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 3,065 | 0 | 234 | 84 | 0 | 56 | 0 | 50,153 | 92,287 | 115 | 137 | 252 |
| Total | 33,048 | 45,607 | 1,233 | 8,037 | 8,140 | 6,467 | 137 | 1,140,390 | 4,711,238 | 9,756 | 3,116 | 12,872 |
| Persian Gulf^b | 841 | 0 | 0 | 875 | 0 | 0 | 0 | 11,172 | 868,516 | 2,342 | 31 | 2,373 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. PAD District 1— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|--------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 18,152 | 0 | 1,725 | 1,766 | 0 | 103 | 103 |
| Algeria | 120 | 0 | 1,512 | 1,217 | 0 | 0 | 0 |
| Angola | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 830 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 5,186 | 0 | 213 | 223 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 3,909 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 3,017 | 0 | 0 | 326 | 0 | 103 | 103 |
| Non OPEC | 22,353 | 0 | 1,517 | 3,839 | 0 | 3,258 | 3,258 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 718 | 0 | 0 | 0 |
| Australia | 648 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 325 | 325 |
| Brazil | 2,049 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 7,933 | 0 | 981 | 186 | 0 | 700 | 700 |
| Chad | 2,103 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 449 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 2,482 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 1,032 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 328 | 328 |
| Gabon | 1,209 | 0 | 0 | 0 | 0 | 43 | 43 |
| Germany | 0 | 0 | 0 | 765 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 406 | 0 | 76 | 76 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 329 | 329 |
| Malaysia | 626 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 268 | 0 | 0 | 40 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 962 | 962 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 696 | 0 | 393 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 454 | 0 | 0 | 1,018 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 295 | 295 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 143 | 240 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2,404 | 0 | 0 | 466 | 0 | 0 | 0 |
| Total | 40,505 | 0 | 3,242 | 5,605 | 0 | 3,361 | 3,361 |
| Persian Gulf^b | 3,909 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 39. PAD District 1— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|---------------|---------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|--------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 116 | 2,170 | 2,286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 40 | 238 | 278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 177 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 76 | 894 | 970 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 861 | 861 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 8,787 | 14,482 | 23,269 | 290 | 0 | 0 | 2,924 | 1,197 | 2,111 | 1,016 | 7,248 |
| Argentina | 0 | 251 | 251 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 510 | 0 | 0 | 510 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 72 | 58 | 130 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 31 |
| Brazil | 0 | 114 | 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 3,672 | 200 | 3,872 | 0 | 0 | 0 | 1,572 | 53 | 321 | 287 | 2,233 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 332 | 332 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 239 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 42 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 243 | 243 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 420 | 420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 194 | 354 | 548 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 427 | 1,971 | 2,398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 169 | 312 | 481 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Netherlands | 809 | 2,307 | 3,116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 9 | 262 | 271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 286 | 286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 56 | 1,303 | 1,359 | 0 | 0 | 0 | 0 | 435 | 856 | 490 | 1,781 |
| Spain | 5 | 1,031 | 1,036 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 350 | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 240 | 240 | 191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 857 | 2,616 | 3,473 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 2,174 | 1,665 | 3,839 | 0 | 0 | 0 | 1,350 | 199 | 903 | 0 | 2,452 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 286 | 167 | 453 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,903 | 16,652 | 25,555 | 290 | 0 | 0 | 2,924 | 1,197 | 2,111 | 1,016 | 7,248 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 39. PAD District 1— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|------------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|--------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 417 | 0 | 0 | 909 | 148 | 1,057 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 614 | 0 | 614 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 0 | 295 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 417 | 0 | 0 | 0 | 148 | 148 |
| Non OPEC | 324 | 3 | 0 | 1,298 | 0 | 164 | 2,351 | 4,287 | 6,802 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 496 | 192 | 688 |
| Aruba | 0 | 0 | 0 | 287 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 346 | 346 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 0 | 92 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 53 | 3 | 0 | 101 | 0 | 14 | 761 | 1,649 | 2,424 |
| Chad | 0 | 0 | 0 | 0 | 0 | 150 | 260 | 0 | 410 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 100 | 0 | 0 | 199 | 671 | 870 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 221 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 | 319 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 538 | 75 | 613 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 641 | 641 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 50 | 0 | 0 | 740 | 0 | 0 | 0 | 270 | 270 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 124 |
| Total | 324 | 3 | 0 | 1,715 | 0 | 164 | 3,260 | 4,435 | 7,859 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 39. PAD District 1— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|-----------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 75 | 0 | 0 | 228 | 7 | 0 | 0 | 7,664 | 25,816 | 586 | 247 | 833 |
| Algeria | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 3,696 | 3,816 | 4 | 119 | 123 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 5,385 | 164 | 10 | 174 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 177 | 0 | 6 | 6 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 830 | 27 | 0 | 27 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,406 | 6,592 | 167 | 45 | 213 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,909 | 126 | 0 | 126 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 228 | 7 | 0 | 0 | 2,090 | 5,107 | 97 | 67 | 165 |
| Non OPEC | 231 | 2 | 23 | 74 | 224 | 76 | 0 | 48,478 | 70,831 | 721 | 1,564 | 2,285 |
| Argentina | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 989 | 989 | 0 | 32 | 32 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,515 | 1,515 | 0 | 49 | 49 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 648 | 21 | 0 | 21 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 346 | 346 | 0 | 11 | 11 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 486 | 486 | 0 | 16 | 16 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 2,255 | 66 | 7 | 73 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 113 | 2 | 7 | 23 | 224 | 64 | 0 | 10,986 | 18,919 | 256 | 354 | 610 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 410 | 2,513 | 68 | 13 | 81 |
| China | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 6 | 6 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,541 | 1,990 | 14 | 50 | 64 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,482 | 80 | 0 | 80 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 | 242 | 0 | 8 | 8 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 243 | 243 | 0 | 8 | 8 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,032 | 33 | 0 | 33 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 420 | 420 | 0 | 14 | 14 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 548 | 548 | 0 | 18 | 18 |
| France | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2,728 | 2,728 | 0 | 88 | 88 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 1,252 | 39 | 1 | 40 |
| Germany | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 1,254 | 1,254 | 0 | 40 | 40 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 483 | 483 | 0 | 16 | 16 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 70 | 0 | 2 | 2 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 329 | 329 | 0 | 11 | 11 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 626 | 20 | 0 | 20 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 268 | 536 | 9 | 9 | 17 |
| Netherlands | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,398 | 4,398 | 0 | 142 | 142 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 689 | 1,385 | 22 | 22 | 45 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 286 | 0 | 9 | 9 |
| Russia | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 4,864 | 5,318 | 15 | 157 | 172 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,331 | 1,331 | 0 | 43 | 43 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 | 350 | 0 | 11 | 11 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,455 | 1,455 | 0 | 47 | 47 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,473 | 3,473 | 0 | 112 | 112 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,351 | 7,351 | 0 | 237 | 237 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 1,153 | 3,557 | 78 | 37 | 115 |
| Total | 306 | 2 | 23 | 302 | 231 | 76 | 0 | 56,142 | 96,647 | 1,307 | 1,811 | 3,118 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,909 | 126 | 0 | 126 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. PAD District 2— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|----------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 7,803 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 1,150 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 1,842 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 42 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 513 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 4,256 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 40,474 | 20 | 4,012 | 0 | 0 | 5 | 5 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 187 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 39,571 | 20 | 4,012 | 0 | 0 | 5 | 5 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 716 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 48,277 | 20 | 4,012 | 0 | 0 | 5 | 5 |
| Persian Gulf^b | 4,298 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 40. PAD District 2— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|----------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 7 | 0 | 7 | 3 | 0 | 0 | 71 | 141 | 0 | 0 | 212 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 7 | 0 | 7 | 3 | 0 | 0 | 71 | 141 | 0 | 0 | 212 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 7 | 0 | 7 | 3 | 0 | 0 | 71 | 141 | 0 | 0 | 212 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 40. PAD District 2— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 2 | 4 | 0 | 0 | 12 | 2 | 64 | 76 | 142 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 2 | 4 | 0 | 0 | 12 | 2 | 64 | 76 | 142 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2 | 4 | 0 | 0 | 12 | 2 | 64 | 76 | 142 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 40. PAD District 2— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|----------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,803 | 252 | 0 | 252 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,150 | 37 | 0 | 37 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,842 | 59 | 0 | 59 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 1 | 0 | 1 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 513 | 17 | 0 | 17 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,256 | 137 | 0 | 137 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 79 | 34 | 3 | 72 | 110 | 79 | 6 | 4,802 | 45,276 | 1,306 | 155 | 1,461 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187 | 6 | 0 | 6 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 79 | 34 | 3 | 72 | 110 | 79 | 6 | 4,802 | 44,373 | 1,276 | 155 | 1,431 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 716 | 23 | 0 | 23 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 79 | 34 | 3 | 72 | 110 | 79 | 6 | 4,802 | 53,079 | 1,557 | 155 | 1,712 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,298 | 139 | 0 | 139 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 41. PAD District 3— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|--------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 108,445 | 441 | 0 | 3,217 | 0 | 720 | 720 |
| Algeria | 6,005 | 0 | 0 | 609 | 0 | 0 | 0 |
| Angola | 8,658 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 1,816 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 8,394 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 5,916 | 0 | 0 | 760 | 0 | 0 | 0 |
| Libya | 90 | 0 | 0 | 400 | 0 | 0 | 0 |
| Nigeria | 21,045 | 0 | 0 | 372 | 0 | 399 | 399 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 28,000 | 0 | 0 | 618 | 0 | 321 | 321 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 28,521 | 441 | 0 | 458 | 0 | 0 | 0 |
| Non OPEC | 52,008 | 213 | 738 | 13,127 | 0 | 500 | 500 |
| Argentina | 370 | 63 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 2,404 | 0 | 0 | 0 |
| Australia | 340 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 988 | 0 | 0 | 0 |
| Brazil | 2,341 | 150 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 200 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 2,799 | 0 | 90 | 0 | 0 | 0 | 0 |
| Chad | 1,160 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 2,357 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 474 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 489 | 0 | 0 | 0 |
| Equatorial Guinea | 962 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 245 | 0 | 0 | 0 |
| Gabon | 925 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 80 | 0 | 0 | 0 |
| Guatemala | 678 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 504 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 86 | 86 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 34,651 | 0 | 0 | 354 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 881 | 0 | 414 | 414 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 90 | 0 | 648 | 363 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 345 | 0 | 0 | 0 |
| Russia | 1,226 | 0 | 0 | 3,398 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 336 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 462 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 450 | 0 | 0 | 712 | 0 | 0 | 0 |
| Vietnam | 1,320 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 1,009 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,203 | 0 | 0 | 1,019 | 0 | 0 | 0 |
| Total | 160,453 | 654 | 738 | 16,344 | 0 | 1,220 | 1,220 |
| Persian Gulf^b | 42,310 | 0 | 0 | 1,378 | 0 | 321 | 321 |

See footnotes at end of table.

Table 41. PAD District 3— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|--------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 0 | 987 | 987 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 496 | 496 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 491 | 491 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 1,429 | 1,429 | 70 | 0 | 0 | 0 | 201 | 241 | 0 | 442 |
| Argentina | 0 | 391 | 391 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 61 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 509 | 509 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 143 | 143 | 0 | 0 | 0 | 0 | 201 | 0 | 0 | 201 |
| Netherlands Antilles | 0 | 101 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 241 | 0 | 241 |
| Spain | 0 | 35 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 189 | 189 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 2,416 | 2,416 | 70 | 0 | 0 | 0 | 201 | 241 | 0 | 442 |
| Persian Gulf^b | 0 | 496 | 496 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 41. PAD District 3— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|--------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 15 | 144 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 22 | 219 | 171 | 390 | 1,573 | 2,134 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 225 | 0 | 225 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 11 | 42 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 329 | 329 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 171 | 0 | 0 | 171 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 1,050 | 1,215 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 194 |
| Total | 0 | 0 | 0 | 37 | 363 | 171 | 390 | 1,573 | 2,134 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 41. PAD District 3— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|--------------|-----------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 1,740 | 2,259 | 0 | 40 | 0 | 13 | 0 | 9,576 | 118,021 | 3,498 | 309 | 3,807 |
| Algeria | 925 | 2,109 | 0 | 0 | 0 | 0 | 0 | 3,643 | 9,648 | 194 | 118 | 311 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,658 | 279 | 0 | 279 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,816 | 59 | 0 | 59 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,394 | 271 | 0 | 271 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 760 | 6,676 | 191 | 25 | 215 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400 | 490 | 3 | 13 | 16 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 771 | 21,816 | 679 | 25 | 704 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 815 | 0 | 0 | 0 | 0 | 0 | 0 | 2,394 | 30,394 | 903 | 77 | 980 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 150 | 0 | 40 | 0 | 13 | 0 | 1,608 | 30,129 | 920 | 52 | 972 |
| Non OPEC | 1,225 | 1,056 | 18 | 226 | 0 | 295 | 0 | 21,755 | 73,763 | 1,678 | 702 | 2,379 |
| Argentina | 0 | 202 | 0 | 0 | 0 | 1 | 0 | 695 | 1,065 | 12 | 22 | 34 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,629 | 2,629 | 0 | 85 | 85 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 340 | 11 | 0 | 11 |
| Bahamas | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 1,045 | 1,045 | 0 | 34 | 34 |
| Brazil | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 309 | 2,650 | 76 | 10 | 85 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 6 | 0 | 6 |
| Canada | 5 | 10 | 0 | 112 | 0 | 0 | 0 | 274 | 3,073 | 90 | 9 | 99 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,160 | 37 | 0 | 37 |
| China | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 75 | 75 | 0 | 2 | 2 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,357 | 76 | 0 | 76 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 474 | 15 | 0 | 15 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 318 | 0 | 0 | 0 | 0 | 0 | 0 | 807 | 807 | 0 | 26 | 26 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 962 | 31 | 0 | 31 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 46 | 0 | 0 | 0 | 3 | 0 | 355 | 355 | 0 | 11 | 11 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 925 | 30 | 0 | 30 |
| Germany | 85 | 0 | 0 | 0 | 0 | 2 | 0 | 167 | 167 | 0 | 5 | 5 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 678 | 22 | 0 | 22 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 504 | 504 | 0 | 16 | 16 |
| Italy | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 87 | 87 | 0 | 3 | 3 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 309 | 309 | 0 | 10 | 10 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 15 | 0 | 0 | 16 | 0 | 31 | 31 | 0 | 1 | 1 |
| Mexico | 624 | 0 | 0 | 0 | 0 | 0 | 0 | 1,827 | 36,478 | 1,118 | 59 | 1,177 |
| Netherlands | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1,825 | 1,825 | 0 | 59 | 59 |
| Netherlands Antilles | 0 | 418 | 0 | 0 | 0 | 0 | 0 | 519 | 519 | 0 | 17 | 17 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,011 | 1,101 | 3 | 33 | 36 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 345 | 345 | 0 | 11 | 11 |
| Russia | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 5,025 | 6,251 | 40 | 162 | 202 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 0 | 1 | 1 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 336 | 336 | 0 | 11 | 11 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 462 | 15 | 0 | 15 |
| United Kingdom | 100 | 0 | 0 | 0 | 0 | 16 | 0 | 828 | 1,278 | 15 | 27 | 41 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,320 | 43 | 0 | 43 |
| Virgin Islands, U.S. | 0 | 209 | 0 | 0 | 0 | 0 | 0 | 1,218 | 1,218 | 0 | 39 | 39 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 14 | 0 | 3 | 0 | 0 | 0 | 0 | 1,492 | 2,695 | 39 | 48 | 87 |
| Total | 2,965 | 3,315 | 18 | 266 | 0 | 308 | 0 | 31,331 | 191,784 | 5,176 | 1,011 | 6,187 |
| Persian Gulf^b | 815 | 0 | 0 | 0 | 0 | 0 | 0 | 3,154 | 45,464 | 1,365 | 102 | 1,467 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD Districts 4 and 5— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|----------|
| | | | | | Reformulated | Conventional | Total |
| PAD District 4 | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 7,741 | 0 | 546 | 0 | 0 | 0 | 0 |
| Canada | 7,741 | 0 | 546 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 7,741 | 0 | 546 | 0 | 0 | 0 | 0 |
| PAD District 5 | | | | | | | |
| OPEC | 23,679 | 0 | 24 | 708 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 381 | 0 | 0 | 0 |
| Angola | 1,538 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 5,999 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 828 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 7,639 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 190 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 7,040 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 345 | 0 | 24 | 327 | 0 | 0 | 0 |
| Non OPEC | 11,340 | 0 | 128 | 1,266 | 0 | 0 | 0 |
| Argentina | 643 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 305 | 0 | 0 | 0 |
| Australia | 262 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 1,883 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 4,994 | 0 | 128 | 32 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 1,787 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 75 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 210 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 971 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 383 | 0 | 0 | 0 |
| Other | 590 | 0 | 0 | 471 | 0 | 0 | 0 |
| Total | 35,019 | 0 | 152 | 1,974 | 0 | 0 | 0 |
| Persian Gulf^b | 14,779 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 42. PAD Districts 4 and 5— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|-------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|-------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| PAD District 4 | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 108 | 0 | 0 | 0 | 108 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 108 | 0 | 0 | 0 | 108 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 108 | 0 | 0 | 0 | 108 |
| PAD District 5 | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 937 | 937 | 100 | 0 | 0 | 7 | 0 | 0 | 106 | 113 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 280 | 280 | 0 | 0 | 0 | 7 | 0 | 0 | 106 | 113 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 562 | 562 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 95 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 937 | 937 | 100 | 0 | 0 | 7 | 0 | 0 | 106 | 113 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 42. PAD Districts 4 and 5— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|--------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| PAD District 4 | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAD District 5 | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 371 | 0 | 0 | 63 | 1,677 | 1,740 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 31 | 0 | 0 | 63 | 29 | 92 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 310 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 1,027 | 1,027 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 621 | 621 |
| Total | 0 | 0 | 0 | 371 | 0 | 0 | 63 | 1,677 | 1,740 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 42. PAD Districts 4 and 5— Imports of Crude Oil and Petroleum Products by Country of Origin, December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|-----------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| PAD District 4 | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 106 | 0 | 1 | 761 | 8,502 | 250 | 25 | 274 |
| Canada | 0 | 0 | 0 | 0 | 106 | 0 | 1 | 761 | 8,502 | 250 | 25 | 274 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 106 | 0 | 1 | 761 | 8,502 | 250 | 25 | 274 |
| PAD District 5 | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 732 | 24,411 | 764 | 24 | 787 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 381 | 381 | 0 | 12 | 12 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,538 | 50 | 0 | 50 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,999 | 194 | 0 | 194 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 828 | 27 | 0 | 27 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,639 | 246 | 0 | 246 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 3 | 0 | 3 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 | 6 | 0 | 6 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,040 | 227 | 0 | 227 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 351 | 696 | 11 | 11 | 22 |
| Non OPEC | 91 | 0 | 49 | 26 | 25 | 1 | 1 | 4,848 | 16,188 | 366 | 156 | 522 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 643 | 21 | 0 | 21 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 305 | 305 | 0 | 10 | 10 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 262 | 8 | 0 | 8 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,883 | 61 | 0 | 61 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 26 | 25 | 0 | 1 | 728 | 5,722 | 161 | 23 | 185 |
| China | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 49 | 49 | 0 | 2 | 2 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,787 | 58 | 0 | 58 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| Korea, South | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 401 | 401 | 0 | 13 | 13 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 562 | 562 | 0 | 18 | 18 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,057 | 1,057 | 0 | 34 | 34 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 75 | 0 | 2 | 2 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 7 | 0 | 7 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 95 | 0 | 3 | 3 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 971 | 31 | 0 | 31 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 383 | 383 | 0 | 12 | 12 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,192 | 1,782 | 19 | 38 | 57 |
| Total | 91 | 0 | 49 | 26 | 25 | 1 | 1 | 5,580 | 40,599 | 1,130 | 180 | 1,310 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,779 | 477 | 0 | 477 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 1—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|---------------|---------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 295,244 | 340 | 11,557 | 15,372 | 0 | 1,252 | 1,252 |
| Algeria | 8,144 | 0 | 10,537 | 13,676 | 0 | 0 | 0 |
| Angola | 47,061 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 1,045 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 12,971 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 117,938 | 0 | 428 | 971 | 0 | 62 | 62 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 55,684 | 0 | 0 | 0 | 0 | 743 | 743 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 52,401 | 340 | 592 | 725 | 0 | 447 | 447 |
| Non OPEC | 224,438 | 0 | 15,107 | 47,995 | 0 | 87,633 | 87,633 |
| Argentina | 0 | 0 | 0 | 216 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 3,528 | 0 | 0 | 0 |
| Australia | 1,328 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 628 | 0 | 5,246 | 5,246 |
| Brazil | 16,533 | 0 | 0 | 0 | 0 | 67 | 67 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 403 | 0 | 0 | 267 | 0 | 0 | 0 |
| Canada | 94,709 | 0 | 9,981 | 826 | 0 | 9,437 | 9,437 |
| Chad | 26,894 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 5,694 | 0 | 0 | 595 | 0 | 0 | 0 |
| Congo (Brazzaville) | 13,084 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 430 | 0 | 512 | 512 |
| Egypt | 585 | 0 | 0 | 348 | 0 | 95 | 95 |
| Equatorial Guinea | 11,088 | 0 | 986 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 142 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 735 | 0 | 1,548 | 1,548 |
| France | 0 | 0 | 0 | 747 | 0 | 6,980 | 6,980 |
| Gabon | 17,195 | 0 | 0 | 0 | 0 | 43 | 43 |
| Germany | 0 | 0 | 0 | 6,214 | 0 | 3,461 | 3,461 |
| Guatemala | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 1,275 | 0 | 10,141 | 10,141 |
| Korea, South | 0 | 0 | 0 | 38 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 3,874 | 3,874 |
| Malaysia | 626 | 0 | 0 | 67 | 0 | 0 | 0 |
| Mexico | 4,097 | 0 | 0 | 596 | 0 | 439 | 439 |
| Netherlands | 0 | 0 | 1,170 | 1,098 | 0 | 9,429 | 9,429 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 3,018 | 0 | 2,729 | 1,484 | 0 | 7,130 | 7,130 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 562 | 562 |
| Russia | 6,054 | 0 | 0 | 16,827 | 0 | 2,431 | 2,431 |
| Spain | 0 | 0 | 70 | 0 | 0 | 3,413 | 3,413 |
| Sweden | 0 | 0 | 0 | 935 | 0 | 1,237 | 1,237 |
| Syria | 0 | 0 | 0 | 597 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 143 | 1,802 | 0 | 0 | 0 |
| United Kingdom | 1,334 | 0 | 28 | 414 | 0 | 9,766 | 9,766 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 4,206 | 0 | 10,872 | 10,872 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 21,696 | 0 | 0 | 3,980 | 0 | 950 | 950 |
| Total | 519,682 | 340 | 26,664 | 63,367 | 0 | 88,885 | 88,885 |
| Persian Gulf^b | 56,729 | 0 | 0 | 0 | 0 | 743 | 743 |

See footnotes at end of table.

Table 43. PAD District 1—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|----------------|----------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|---------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 1,727 | 26,855 | 28,582 | 0 | 0 | 0 | 1,363 | 812 | 97 | 0 | 2,272 |
| Algeria | 40 | 1,365 | 1,405 | 0 | 0 | 0 | 0 | 812 | 0 | 0 | 812 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 1,706 | 1,706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 884 | 0 | 0 | 0 | 884 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 1,157 | 9,416 | 10,573 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 1,577 | 1,577 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 530 | 12,791 | 13,321 | 0 | 0 | 0 | 479 | 0 | 97 | 0 | 576 |
| Non OPEC | 101,779 | 121,610 | 223,389 | 9,031 | 0 | 0 | 38,907 | 3,575 | 17,711 | 4,001 | 64,194 |
| Argentina | 0 | 966 | 966 | 0 | 0 | 0 | 154 | 0 | 0 | 0 | 154 |
| Aruba | 0 | 100 | 100 | 0 | 0 | 0 | 325 | 810 | 0 | 503 | 1,638 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 790 | 3,058 | 3,848 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 38 |
| Brazil | 67 | 303 | 370 | 3,712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 42,180 | 1,888 | 44,068 | 10 | 0 | 0 | 23,898 | 1,269 | 5,265 | 2,505 | 32,937 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 332 | 332 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | 239 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 42 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 665 | 665 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 2,002 | 2,002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 4,264 | 4,718 | 8,982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 4,069 | 14,409 | 18,478 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 47 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 1,071 | 3,108 | 4,179 | 0 | 0 | 0 | 0 | 0 | 279 | 0 | 279 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 194 |
| Italy | 347 | 4,238 | 4,585 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 228 | 1,817 | 2,045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 493 | 493 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Netherlands | 5,519 | 23,031 | 28,550 | 29 | 0 | 0 | 282 | 0 | 0 | 70 | 352 |
| Netherlands Antilles | 271 | 747 | 1,018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 9 | 1,905 | 1,914 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 442 | 1,165 | 1,607 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 761 | 12,752 | 13,513 | 0 | 0 | 0 | 0 | 435 | 1,383 | 490 | 2,308 |
| Spain | 1,239 | 6,054 | 7,293 | 0 | 0 | 0 | 0 | 0 | 350 | 0 | 350 |
| Sweden | 789 | 2,263 | 3,052 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 121 | 2,175 | 2,296 | 1,398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 10,152 | 19,719 | 29,871 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 28,164 | 7,685 | 35,849 | 1,068 | 0 | 0 | 13,547 | 1,061 | 10,391 | 0 | 24,999 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,254 | 5,920 | 7,174 | 2,814 | 0 | 0 | 699 | 0 | 5 | 0 | 704 |
| Total | 103,506 | 148,465 | 251,971 | 9,031 | 0 | 0 | 40,270 | 4,387 | 17,808 | 4,001 | 66,466 |
| Persian Gulf^b | 0 | 1,577 | 1,577 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 43. PAD District 1—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|------------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|---------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 8 | 0 | 0 | 8,674 | 0 | 367 | 2,771 | 6,310 | 9,448 |
| Algeria | 0 | 0 | 0 | 88 | 0 | 0 | 1,444 | 0 | 1,444 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 0 | 295 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 70 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 6 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 367 | 1,031 | 0 | 1,398 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 8 | 0 | 0 | 8,586 | 0 | 0 | 0 | 6,235 | 6,235 |
| Non OPEC | 745 | 34 | 0 | 18,231 | 933 | 3,716 | 10,763 | 49,740 | 64,219 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 205 | 891 | 383 | 1,479 |
| Aruba | 0 | 0 | 0 | 1,000 | 0 | 0 | 109 | 607 | 716 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 540 | 1,393 | 1,933 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 107 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 49 | 0 | 1,668 | 42 | 1,710 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 503 | 129 | 0 | 632 |
| Canada | 389 | 34 | 0 | 2,609 | 685 | 196 | 2,958 | 19,408 | 22,562 |
| Chad | 0 | 0 | 0 | 0 | 0 | 150 | 504 | 186 | 840 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 100 | 0 | 0 | 622 | 5,440 | 6,062 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 244 | 0 | 244 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 | 285 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 54 | 0 | 232 | 0 | 232 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 334 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 221 | 0 | 0 | 153 | 0 | 0 | 5 | 1,271 | 1,276 |
| Netherlands | 0 | 0 | 0 | 441 | 38 | 0 | 2 | 1,641 | 1,643 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 576 | 0 | 312 | 888 |
| Norway | 0 | 0 | 0 | 0 | 0 | 180 | 0 | 0 | 180 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 100 |
| Russia | 0 | 0 | 0 | 0 | 0 | 15 | 1,072 | 2,544 | 3,631 |
| Spain | 0 | 0 | 0 | 0 | 0 | 1,333 | 2 | 1,263 | 2,598 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 265 | 0 | 279 | 544 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 6,117 | 6,117 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 287 | 637 | 552 | 1,476 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 135 | 0 | 0 | 13,483 | 0 | 6 | 46 | 6,381 | 6,433 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 38 | 0 | 0 | 1,002 | 1,315 | 2,317 |
| Total | 753 | 34 | 0 | 26,905 | 933 | 4,083 | 13,534 | 56,050 | 73,667 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 43. PAD District 1—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|------------|----------------|----------------------|--------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 751 | 0 | 0 | 504 | 235 | 0 | 0 | 78,995 | 374,239 | 807 | 216 | 1,023 |
| Algeria | 403 | 0 | 0 | 0 | 0 | 0 | 0 | 28,365 | 36,509 | 22 | 78 | 100 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 295 | 47,356 | 129 | 1 | 129 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,776 | 1,776 | 0 | 5 | 5 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 890 | 890 | 0 | 2 | 2 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,045 | 3 | 0 | 3 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,971 | 35 | 0 | 35 |
| Nigeria | 149 | 0 | 0 | 0 | 0 | 0 | 0 | 13,581 | 131,519 | 322 | 37 | 359 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,320 | 58,004 | 152 | 6 | 158 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 199 | 0 | 0 | 504 | 235 | 0 | 0 | 31,768 | 84,169 | 143 | 87 | 230 |
| Non OPEC | 2,282 | 77 | 480 | 3,100 | 4,436 | 1,170 | 5 | 543,061 | 767,499 | 613 | 1,484 | 2,097 |
| Argentina | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 2,865 | 2,865 | 0 | 8 | 8 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,982 | 6,982 | 0 | 19 | 19 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,328 | 4 | 0 | 4 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,933 | 1,933 | 0 | 5 | 5 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 9,937 | 9,937 | 0 | 27 | 27 |
| Brazil | 50 | 0 | 6 | 0 | 0 | 0 | 0 | 5,964 | 22,497 | 45 | 16 | 61 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 899 | 1,302 | 1 | 2 | 4 |
| Canada | 1,178 | 77 | 76 | 158 | 4,367 | 1,059 | 5 | 130,458 | 225,167 | 259 | 356 | 615 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 840 | 27,734 | 73 | 2 | 76 |
| China | 0 | 0 | 249 | 0 | 0 | 1 | 0 | 250 | 250 | 0 | 1 | 1 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 7,374 | 13,068 | 16 | 20 | 36 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 13,105 | 36 | 0 | 36 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 984 | 984 | 0 | 3 | 3 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,108 | 1,693 | 2 | 3 | 5 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 986 | 12,074 | 30 | 3 | 33 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,144 | 2,144 | 0 | 6 | 6 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,509 | 11,509 | 0 | 31 | 31 |
| France | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 26,517 | 26,517 | 0 | 72 | 72 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 17,285 | 47 | 0 | 47 |
| Germany | 0 | 0 | 11 | 2 | 0 | 29 | 0 | 14,461 | 14,461 | 0 | 40 | 40 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | 194 | 0 | 1 | 1 |
| Italy | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 16,007 | 16,007 | 0 | 44 | 44 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 422 | 422 | 0 | 1 | 1 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,345 | 2,345 | 0 | 6 | 6 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,367 | 4,367 | 0 | 12 | 12 |
| Malaysia | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 71 | 697 | 2 | 0 | 2 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,687 | 6,784 | 11 | 7 | 19 |
| Netherlands | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 42,753 | 42,753 | 0 | 117 | 117 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,906 | 1,906 | 0 | 5 | 5 |
| Norway | 535 | 0 | 0 | 0 | 0 | 0 | 0 | 13,972 | 16,990 | 8 | 38 | 46 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,269 | 2,269 | 0 | 6 | 6 |
| Russia | 103 | 0 | 0 | 0 | 0 | 0 | 0 | 38,813 | 44,867 | 17 | 106 | 123 |
| Spain | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 13,793 | 13,793 | 0 | 38 | 38 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,768 | 5,768 | 0 | 16 | 16 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 597 | 597 | 0 | 2 | 2 |
| Trinidad and Tobago | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 11,851 | 11,851 | 0 | 32 | 32 |
| United Kingdom | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 41,567 | 42,901 | 4 | 114 | 117 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 73 | 0 | 0 | 2,890 | 0 | 0 | 0 | 100,008 | 100,008 | 0 | 273 | 273 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 239 | 0 | 131 | 0 | 0 | 2 | 0 | 18,349 | 40,045 | 59 | 50 | 109 |
| Total | 3,033 | 77 | 480 | 3,604 | 4,671 | 1,170 | 5 | 622,056 | 1,141,738 | 1,420 | 1,700 | 3,120 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,320 | 59,049 | 155 | 6 | 161 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 2—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 112,380 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 24,035 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 17,086 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 6,795 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 3,671 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 4,508 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 54,086 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 2,199 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 440,762 | 244 | 34,909 | 3,399 | 0 | 229 | 229 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 605 | 0 | 0 | 0 |
| Australia | 1,268 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 878 | 0 | 0 | 0 |
| Brazil | 3,750 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 425,205 | 244 | 34,909 | 193 | 0 | 229 | 229 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 499 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 449 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 212 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 220 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 2,471 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 1,016 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 307 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 743 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 6,104 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 241 | 0 | 0 | 0 |
| Total | 553,142 | 244 | 34,909 | 3,399 | 0 | 229 | 229 |
| Persian Gulf^b | 64,552 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 44. PAD District 2—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|-----------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|--------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 7 | 24 | 31 | 73 | 0 | 0 | 828 | 703 | 22 | 49 | 1,602 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 7 | 24 | 31 | 73 | 0 | 0 | 828 | 703 | 22 | 49 | 1,602 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 7 | 24 | 31 | 73 | 0 | 0 | 828 | 703 | 22 | 49 | 1,602 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 44. PAD District 2—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|--------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 7 | 27 | 0 | 0 | 274 | 2 | 827 | 890 | 1,719 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 7 | 27 | 0 | 0 | 274 | 2 | 827 | 890 | 1,719 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 7 | 27 | 0 | 0 | 274 | 2 | 827 | 890 | 1,719 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 44. PAD District 2—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|-----------|----------------|----------------------|--------------|----------------|----------------|------------------------------|---------------|------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112,380 | 307 | 0 | 307 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,035 | 66 | 0 | 66 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,086 | 47 | 0 | 47 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,795 | 19 | 0 | 19 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,671 | 10 | 0 | 10 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,508 | 12 | 0 | 12 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,086 | 148 | 0 | 148 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,199 | 6 | 0 | 6 |
| Non OPEC | 976 | 618 | 59 | 928 | 1,498 | 1,179 | 81 | 47,859 | 488,621 | 1,204 | 131 | 1,335 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 605 | 605 | 0 | 2 | 2 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,268 | 3 | 0 | 3 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 878 | 878 | 0 | 2 | 2 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,750 | 10 | 0 | 10 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 976 | 618 | 59 | 928 | 1,498 | 1,170 | 81 | 44,644 | 469,849 | 1,162 | 122 | 1,284 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 499 | 1 | 0 | 1 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 449 | 1 | 0 | 1 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 213 | 213 | 0 | 1 | 1 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 | 220 | 0 | 1 | 1 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,471 | 7 | 0 | 7 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,016 | 3 | 0 | 3 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 307 | 307 | 0 | 1 | 1 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 743 | 743 | 0 | 2 | 2 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,104 | 17 | 0 | 17 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 246 | 246 | 0 | 1 | 1 |
| Total | 976 | 618 | 59 | 928 | 1,498 | 1,179 | 81 | 47,859 | 601,001 | 1,511 | 131 | 1,642 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64,552 | 176 | 0 | 176 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 3—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008
(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|---------------|---------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 1,282,700 | 5,771 | 14,436 | 31,100 | 0 | 1,303 | 1,303 |
| Algeria | 80,562 | 0 | 6,302 | 2,638 | 0 | 0 | 0 |
| Angola | 96,971 | 0 | 0 | 2,821 | 0 | 0 | 0 |
| Ecuador | 15,111 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 143,649 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 68,477 | 0 | 0 | 760 | 0 | 0 | 0 |
| Libya | 10,824 | 0 | 52 | 9,796 | 0 | 0 | 0 |
| Nigeria | 211,068 | 799 | 4,549 | 4,621 | 0 | 399 | 399 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 336,440 | 0 | 0 | 2,134 | 0 | 655 | 655 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 319,598 | 4,972 | 3,533 | 8,330 | 0 | 249 | 249 |
| Non OPEC | 671,531 | 1,603 | 7,470 | 160,028 | 0 | 15,205 | 15,205 |
| Argentina | 3,968 | 63 | 186 | 0 | 0 | 950 | 950 |
| Aruba | 0 | 0 | 0 | 19,335 | 0 | 225 | 225 |
| Australia | 4,012 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 320 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 74 | 16,590 | 0 | 404 | 404 |
| Brazil | 37,829 | 260 | 26 | 249 | 0 | 369 | 369 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 3,223 | 0 | 0 | 17 | 0 | 0 | 0 |
| Canada | 36,787 | 0 | 241 | 224 | 0 | 274 | 274 |
| Chad | 9,990 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 38,993 | 0 | 0 | 592 | 0 | 0 | 0 |
| Congo (Brazzaville) | 11,140 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 588 | 0 | 0 | 0 |
| Egypt | 2,065 | 0 | 0 | 600 | 0 | 227 | 227 |
| Equatorial Guinea | 16,071 | 0 | 144 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 1,055 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 55 | 0 | 0 | 0 |
| France | 0 | 0 | 16 | 887 | 0 | 2,340 | 2,340 |
| Gabon | 4,073 | 45 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 3,306 | 0 | 112 | 112 |
| Guatemala | 5,294 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 1,621 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 1,252 | 0 | 570 | 570 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 524 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 370 | 0 | 0 | 0 |
| Mexico | 422,675 | 405 | 209 | 8,966 | 0 | 140 | 140 |
| Netherlands | 0 | 521 | 587 | 6,379 | 0 | 2,343 | 2,343 |
| Netherlands Antilles | 0 | 0 | 0 | 297 | 0 | 274 | 274 |
| Norway | 4,632 | 0 | 4,966 | 6,043 | 0 | 319 | 319 |
| Oman | 519 | 0 | 0 | 151 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 345 | 0 | 52 | 52 |
| Russia | 29,962 | 284 | 0 | 54,445 | 0 | 1,260 | 1,260 |
| Spain | 0 | 0 | 37 | 232 | 0 | 913 | 913 |
| Sweden | 0 | 0 | 0 | 2,866 | 0 | 618 | 618 |
| Syria | 0 | 0 | 0 | 1,170 | 0 | 0 | 0 |
| Trinidad and Tobago | 8,355 | 0 | 87 | 840 | 0 | 120 | 120 |
| United Kingdom | 19,230 | 0 | 232 | 9,299 | 0 | 2,681 | 2,681 |
| Vietnam | 1,320 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 105 | 8,764 | 0 | 138 | 138 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 11,393 | 25 | 560 | 12,644 | 0 | 876 | 876 |
| Total | 1,954,231 | 7,374 | 21,906 | 191,128 | 0 | 16,508 | 16,508 |
| Persian Gulf^b | 548,566 | 0 | 0 | 2,894 | 0 | 655 | 655 |

See footnotes at end of table.

Table 45. PAD District 3—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|---------------|---------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|--------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 116 | 5,016 | 5,132 | 0 | 84 | 0 | 54 | 0 | 0 | 0 | 54 |
| Algeria | 0 | 233 | 233 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 54 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 1,001 | 1,001 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 116 | 3,762 | 3,878 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 22,277 | 22,277 | 1,787 | 0 | 0 | 327 | 201 | 4,275 | 0 | 4,803 |
| Argentina | 0 | 1,538 | 1,538 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 43 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 312 | 312 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 802 | 802 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 11 |
| Brazil | 0 | 587 | 587 | 557 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 78 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 666 | 666 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 0 | 211 |
| Finland | 0 | 294 | 294 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| France | 0 | 1,830 | 1,830 | 0 | 0 | 0 | 0 | 0 | 148 | 0 | 148 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 182 | 182 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 28 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 706 | 706 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 423 | 423 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 2,568 | 2,568 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 33 |
| Netherlands | 0 | 4,006 | 4,006 | 0 | 0 | 0 | 0 | 201 | 125 | 0 | 326 |
| Netherlands Antilles | 0 | 675 | 675 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 62 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 1,184 | 1,184 | 0 | 0 | 0 | 216 | 0 | 2,356 | 0 | 2,572 |
| Spain | 0 | 1,247 | 1,247 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 307 | 307 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 24 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 303 |
| Trinidad and Tobago | 0 | 542 | 542 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 2,557 | 2,557 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 95 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 153 | 153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 1,651 | 1,651 | 1,106 | 0 | 0 | 0 | 0 | 897 | 0 | 897 |
| Total | 116 | 27,293 | 27,409 | 1,787 | 84 | 0 | 381 | 201 | 4,275 | 0 | 4,857 |
| Persian Gulf^b | 0 | 1,001 | 1,001 | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 45. PAD District 3—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|---------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | |
| OPEC | 0 | 0 | 0 | 148 | 1,568 | 1,283 | 941 | 657 | 2,881 |
| Algeria | 0 | 0 | 0 | 60 | 58 | 601 | 470 | 0 | 1,071 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 0 | 185 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 88 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 367 | 0 | 0 | 367 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 315 | 0 | 167 | 482 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 286 | 0 | 286 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 1,093 | 0 | 0 | 328 | 328 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 74 |
| Venezuela | 0 | 0 | 0 | 88 | 417 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 288 | 3,009 | 1,204 | 5,625 | 29,801 | 36,630 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 2 | 120 | 1 | 123 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 657 | 0 | 657 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 38 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 260 | 260 |
| Brazil | 0 | 0 | 0 | 0 | 466 | 0 | 80 | 1 | 81 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 12 |
| Canada | 0 | 0 | 0 | 0 | 751 | 0 | 496 | 19 | 515 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| China | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 1 | 1 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 8 | 0 | 43 | 227 | 270 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 8 | 0 | 511 | 0 | 511 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 68 | 0 | 456 | 75 | 531 |
| Korea, South | 0 | 0 | 0 | 11 | 407 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 207 | 0 | 0 | 100 | 7,518 | 7,618 |
| Netherlands | 0 | 0 | 0 | 0 | 22 | 171 | 6 | 620 | 797 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 643 | 461 | 0 | 1,104 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 12 | 0 | 307 | 0 | 307 |
| Russia | 0 | 0 | 0 | 0 | 0 | 0 | 1,159 | 19,519 | 20,678 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 233 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 212 | 335 | 547 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 388 | 351 | 0 | 739 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 938 | 0 | 0 | 189 | 189 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 306 | 0 | 654 | 764 | 1,418 |
| Total | 0 | 0 | 0 | 436 | 4,577 | 2,487 | 6,566 | 30,458 | 39,511 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 1,093 | 0 | 0 | 402 | 402 |

See footnotes at end of table.

Table 45. PAD District 3—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)

(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|---------------|------------|----------------|----------------------|--------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | Naphtha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| | | | | | | | | | | | | |
| OPEC | 6,442 | 39,976 | 46 | 1,130 | 0 | 163 | 0 | 110,234 | 1,392,934 | 3,505 | 301 | 3,806 |
| Algeria | 4,398 | 37,479 | 0 | 0 | 0 | 0 | 0 | 52,239 | 132,801 | 220 | 143 | 363 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,006 | 99,977 | 265 | 8 | 273 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 15,199 | 41 | 0 | 42 |
| Indonesia | 37 | 699 | 0 | 0 | 0 | 0 | 0 | 1,157 | 1,157 | 0 | 3 | 3 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143,649 | 392 | 0 | 392 |
| Kuwait | 0 | 0 | 0 | 875 | 0 | 0 | 0 | 1,635 | 70,112 | 187 | 4 | 192 |
| Libya | 698 | 1,648 | 0 | 0 | 0 | 0 | 0 | 12,676 | 23,500 | 30 | 35 | 64 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,674 | 221,742 | 577 | 29 | 606 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 49 | 0 | 0 | 0 |
| Saudi Arabia | 841 | 0 | 0 | 0 | 0 | 0 | 0 | 6,087 | 342,527 | 919 | 17 | 936 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 74 | 0 | 0 | 0 |
| Venezuela | 468 | 150 | 46 | 255 | 0 | 163 | 0 | 22,549 | 342,147 | 873 | 62 | 935 |
| Non OPEC | 21,748 | 4,936 | 484 | 2,011 | 5 | 3,941 | 38 | 286,494 | 958,025 | 1,835 | 783 | 2,618 |
| Argentina | 418 | 348 | 0 | 491 | 0 | 17 | 0 | 4,200 | 8,168 | 11 | 11 | 22 |
| Aruba | 825 | 0 | 0 | 0 | 0 | 0 | 0 | 21,085 | 21,085 | 0 | 58 | 58 |
| Australia | 0 | 651 | 0 | 0 | 0 | 0 | 0 | 651 | 4,663 | 11 | 2 | 13 |
| Bahamas | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 677 | 677 | 0 | 2 | 2 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 260 | 0 | 0 | 39 | 0 | 26 | 0 | 18,468 | 18,468 | 0 | 50 | 50 |
| Brazil | 308 | 0 | 0 | 646 | 0 | 0 | 38 | 3,587 | 41,416 | 103 | 10 | 113 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 3,252 | 9 | 0 | 9 |
| Canada | 397 | 12 | 0 | 249 | 0 | 29 | 0 | 2,770 | 39,557 | 101 | 8 | 108 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9,991 | 27 | 0 | 27 |
| China | 16 | 0 | 256 | 356 | 0 | 0 | 0 | 649 | 649 | 0 | 2 | 2 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 663 | 39,656 | 107 | 2 | 108 |
| Congo (Brazzaville) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,140 | 30 | 0 | 30 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 588 | 588 | 0 | 2 | 2 |
| Egypt | 318 | 0 | 0 | 36 | 0 | 0 | 0 | 1,847 | 3,912 | 6 | 5 | 11 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 | 16,215 | 44 | 0 | 44 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,266 | 1,266 | 0 | 3 | 3 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 364 | 364 | 0 | 1 | 1 |
| France | 55 | 256 | 4 | 0 | 0 | 99 | 0 | 5,949 | 5,949 | 0 | 16 | 16 |
| Gabon | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 4,145 | 11 | 0 | 11 |
| Germany | 121 | 0 | 1 | 73 | 0 | 36 | 0 | 4,378 | 4,378 | 0 | 12 | 12 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,294 | 14 | 0 | 14 |
| India | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1,626 | 1,626 | 0 | 4 | 4 |
| Italy | 99 | 0 | 0 | 0 | 0 | 145 | 0 | 3,416 | 3,416 | 0 | 9 | 9 |
| Korea, South | 1,305 | 23 | 0 | 0 | 0 | 3,321 | 0 | 5,490 | 5,490 | 0 | 15 | 15 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 524 | 524 | 0 | 1 | 1 |
| Malaysia | 0 | 0 | 123 | 0 | 0 | 59 | 0 | 552 | 552 | 0 | 2 | 2 |
| Mexico | 11,701 | 0 | 0 | 0 | 0 | 0 | 0 | 31,847 | 454,522 | 1,155 | 87 | 1,242 |
| Netherlands | 486 | 0 | 0 | 37 | 0 | 0 | 0 | 15,504 | 15,504 | 0 | 42 | 42 |
| Netherlands Antilles | 100 | 418 | 0 | 0 | 0 | 0 | 0 | 1,826 | 1,826 | 0 | 5 | 5 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,432 | 17,064 | 13 | 34 | 47 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 670 | 1 | 0 | 2 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 720 | 720 | 0 | 2 | 2 |
| Russia | 1,911 | 2,834 | 0 | 0 | 0 | 14 | 0 | 85,182 | 115,144 | 82 | 233 | 315 |
| Spain | 0 | 0 | 0 | 0 | 0 | 114 | 0 | 2,543 | 2,543 | 0 | 7 | 7 |
| Sweden | 53 | 0 | 0 | 0 | 0 | 11 | 0 | 3,879 | 3,879 | 0 | 11 | 11 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,706 | 1,706 | 0 | 5 | 5 |
| Trinidad and Tobago | 230 | 0 | 0 | 0 | 0 | 0 | 0 | 2,490 | 10,845 | 23 | 7 | 30 |
| United Kingdom | 347 | 17 | 0 | 0 | 0 | 31 | 0 | 16,055 | 35,285 | 53 | 44 | 96 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,320 | 4 | 0 | 4 |
| Virgin Islands, U.S. | 259 | 377 | 0 | 0 | 0 | 0 | 0 | 10,923 | 10,923 | 0 | 30 | 30 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2,505 | 0 | 100 | 84 | 0 | 39 | 0 | 22,238 | 33,631 | 31 | 61 | 92 |
| Total | 28,190 | 44,912 | 530 | 3,141 | 5 | 4,104 | 38 | 396,728 | 2,350,959 | 5,339 | 1,084 | 6,423 |
| Persian Gulf^b | 841 | 0 | 0 | 875 | 0 | 0 | 0 | 7,845 | 556,411 | 1,499 | 21 | 1,520 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD Districts 4 and 5—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008

(Thousand Barrels)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils ^a | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|------------------------------|-------------------------|--------------|--------------|
| | | | | | Reformulated | Conventional | Total |
| PAD District 4 | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 95,106 | 26 | 5,185 | 7 | 0 | 0 | 0 |
| Canada | 95,106 | 26 | 5,185 | 7 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 95,106 | 26 | 5,185 | 7 | 0 | 0 | 0 |
| PAD District 5 | | | | | | | |
| OPEC | 293,178 | 0 | 224 | 6,178 | 0 | 636 | 636 |
| Algeria | 996 | 0 | 0 | 5,851 | 0 | 0 | 0 |
| Angola | 23,342 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 63,123 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 6,021 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 77,811 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 3,205 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 996 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 4,449 | 0 | 45 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 105,081 | 0 | 45 | 0 | 0 | 636 | 636 |
| United Arab Emirates | 1,400 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 6,754 | 0 | 134 | 327 | 0 | 0 | 0 |
| Non OPEC | 155,509 | 0 | 1,031 | 15,112 | 0 | 5,087 | 5,087 |
| Argentina | 6,562 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 2,669 | 0 | 0 | 0 |
| Australia | 5,621 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 26,258 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 356 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 55,103 | 0 | 1,028 | 108 | 0 | 364 | 364 |
| China | 4,201 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 19,890 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 140 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 3 | 0 | 0 | 3,260 | 3,260 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 4,583 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 893 | 0 | 998 | 998 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 5,788 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 2,684 | 0 | 0 | 851 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 505 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| United Kingdom | 733 | 0 | 0 | 0 | 0 | 336 | 336 |
| Vietnam | 9,308 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 5,473 | 0 | 0 | 0 |
| Other | 14,422 | 0 | 0 | 4,461 | 0 | 69 | 69 |
| Total | 448,687 | 0 | 1,255 | 21,290 | 0 | 5,723 | 5,723 |
| Persian Gulf^b | 187,497 | 0 | 45 | 0 | 0 | 636 | 636 |

See footnotes at end of table.

Table 46. PAD Districts 4 and 5—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|--------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|--------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| PAD District 4 | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 1,211 | 49 | 49 | 2 | 1,311 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 1,211 | 49 | 49 | 2 | 1,311 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,211 | 49 | 49 | 2 | 1,311 |
| PAD District 5 | | | | | | | | | | | |
| OPEC | 0 | 326 | 326 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 326 | 326 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 637 | 7,874 | 8,511 | 1,456 | 0 | 0 | 1,240 | 133 | 1,050 | 586 | 3,009 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 2,930 | 2,930 | 0 | 0 | 0 | 325 | 98 | 0 | 229 | 652 |
| China | 0 | 327 | 327 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 125 | 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 239 | 239 | 0 | 0 | 0 | 874 | 0 | 0 | 0 | 874 |
| Korea, South | 0 | 873 | 873 | 0 | 0 | 0 | 41 | 35 | 52 | 320 | 448 |
| Malaysia | 0 | 1,038 | 1,038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 637 | 216 | 853 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 95 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 77 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 1,026 | 1,026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 54 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 712 | 0 | 712 |
| Other | 0 | 874 | 874 | 1,116 | 0 | 0 | 0 | 0 | 286 | 37 | 323 |
| Total | 637 | 8,200 | 8,837 | 1,456 | 0 | 0 | 1,240 | 133 | 1,050 | 586 | 3,009 |
| Persian Gulf^b | 0 | 326 | 326 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 46. PAD Districts 4 and 5—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | | | Total | |
|---------------------------------|----------|----------------------------|--------------------------------|------------------------|------------------|-------------------------|-----------------------|----------------------------|----------|---------------|
| | | | | | | Less than 0.31 % sulfur | 0.31 to 1.00 % sulfur | Greater than 1.00 % sulfur | | |
| PAD District 4 | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 27 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 27 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 35 | 0 | 0 | 27 | 0 | 0 | 27 |
| PAD District 5 | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 408 | 0 | 616 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 408 | 0 | 616 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 9,787 | 75 | 0 | 1,307 | 10,431 | 0 | 11,738 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 87 | 0 | 0 | 725 | 363 | 0 | 1,088 |
| China | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 1,711 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 6,632 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 301 | 0 | 0 | 101 | 95 | 0 | 196 |
| Mexico | 0 | 0 | 0 | 685 | 0 | 0 | 99 | 6,401 | 0 | 6,500 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 | 0 | 141 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 1,246 | 0 | 1,446 |
| Singapore | 0 | 0 | 0 | 326 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 2,185 | 0 | 2,367 |
| Total | 0 | 0 | 0 | 9,787 | 75 | 0 | 1,515 | 10,839 | 0 | 12,354 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 46. PAD Districts 4 and 5—Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-December 2008 (Continued)
(Thousand Barrels)

| Country of Origin | Petrochemical Feedstocks | | Waxes | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|---------------------------------|--------------------------|------------|------------|----------------|----------------------|------------|----------------|----------------|------------------------------|---------------|------------|--------------|
| | Naptha | Other Oils | | | | | | | | Crude Oil | Products | Total |
| PAD District 4 | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 0 | 0 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 0 | 0 | 0 |
| Non OPEC | 0 | 0 | 0 | 0 | 944 | 0 | 8 | 7,508 | 102,614 | 260 | 21 | 280 |
| Canada | 0 | 0 | 0 | 0 | 944 | 0 | 8 | 7,508 | 102,614 | 260 | 21 | 280 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 944 | 0 | 8 | 7,543 | 102,649 | 260 | 21 | 280 |
| PAD District 5 | | | | | | | | | | | | |
| OPEC | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 7,984 | 301,162 | 801 | 22 | 823 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,851 | 6,847 | 3 | 16 | 19 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23,342 | 64 | 0 | 64 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 616 | 63,739 | 172 | 2 | 174 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,021 | 16 | 0 | 16 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77,811 | 213 | 0 | 213 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,205 | 9 | 0 | 9 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 996 | 3 | 0 | 3 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 4,494 | 12 | 0 | 12 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,007 | 106,088 | 287 | 3 | 290 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,400 | 4 | 0 | 4 |
| Venezuela | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 465 | 7,219 | 18 | 1 | 20 |
| Non OPEC | 849 | 0 | 164 | 364 | 1,018 | 14 | 5 | 58,220 | 213,729 | 425 | 159 | 584 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,562 | 18 | 0 | 18 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,669 | 2,669 | 0 | 7 | 7 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,621 | 15 | 0 | 15 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 340 | 26,598 | 72 | 1 | 73 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 356 | 1 | 0 | 1 |
| Canada | 0 | 0 | 0 | 364 | 1,018 | 1 | 5 | 7,645 | 62,748 | 151 | 21 | 171 |
| China | 0 | 0 | 156 | 0 | 0 | 0 | 0 | 528 | 4,729 | 11 | 1 | 13 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125 | 20,015 | 54 | 0 | 55 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 140 | 0 | 0 | 0 |
| Japan | 0 | 0 | 3 | 0 | 0 | 10 | 0 | 2,837 | 2,837 | 0 | 8 | 8 |
| Korea, South | 528 | 0 | 0 | 0 | 0 | 1 | 0 | 11,745 | 11,745 | 0 | 32 | 32 |
| Malaysia | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 1,540 | 1,540 | 0 | 4 | 4 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,185 | 11,768 | 13 | 20 | 32 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,885 | 2,885 | 0 | 8 | 8 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,788 | 16 | 0 | 16 |
| Papua New Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 321 | 0 | 0 | 0 | 0 | 0 | 0 | 2,713 | 5,397 | 7 | 7 | 15 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 403 | 403 | 0 | 1 | 1 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 505 | 505 | 0 | 1 | 1 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,086 | 1,086 | 0 | 3 | 3 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 392 | 1,125 | 2 | 1 | 3 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,308 | 25 | 0 | 25 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,260 | 6,260 | 0 | 17 | 17 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,210 | 23,632 | 39 | 25 | 65 |
| Total | 849 | 0 | 164 | 364 | 1,022 | 14 | 5 | 66,204 | 514,891 | 1,226 | 181 | 1,407 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,007 | 188,504 | 512 | 3 | 515 |

^a Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry. Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

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

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. Exports of Crude Oil and Petroleum Products by PAD District, December 2008
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|--|---------------|--------------|---------------|------------|---------------|---------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Crude Oil^a | 0 | 1,410 | 0 | 3 | 0 | 1,413 | 46 |
| Natural Gas Liquids | 21 | 752 | 943 | 315 | 249 | 2,279 | 74 |
| Pentanes Plus | 1 | 711 | 0 | 315 | 25 | 1,052 | 34 |
| Liquefied Petroleum Gases | 20 | 41 | 943 | 0 | 224 | 1,227 | 40 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane/Propylene | 19 | 11 | 699 | 0 | 220 | 949 | 31 |
| Normal Butane/Butylene | 1 | 29 | 244 | 0 | 3 | 278 | 9 |
| Isobutane/Isobutylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Liquids | 144 | 11 | 1,193 | 0 | 88 | 1,436 | 46 |
| Other Hydrocarbons/Oxygenates | 139 | 10 | 995 | 0 | 68 | 1,212 | 39 |
| Other Hydrocarbons/Hydrogen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenates | 139 | 10 | 995 | 0 | 68 | 1,212 | 39 |
| Fuel Ethanol (FE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 0 | 0 | 963 | 0 | 1 | 964 | 31 |
| Other Oxygenates | 139 | 10 | 32 | 0 | 67 | 248 | 8 |
| Motor Gasoline Blend. Comp | 5 | 1 | 198 | 0 | 21 | 224 | 7 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Conventional | 5 | 1 | 193 | 0 | 21 | 219 | 7 |
| Aviation Gasoline Blend. Comp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | 2,986 | 1,610 | 36,835 | 29 | 11,193 | 52,653 | 1,698 |
| Finished Motor Gasoline | 21 | 307 | 4,709 | 0 | 1,251 | 6,287 | 203 |
| Reformulated | 17 | 0 | 3 | 0 | 153 | 173 | 6 |
| Conventional | 4 | 307 | 4,706 | 0 | 1,098 | 6,114 | 197 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 282 | 194 | 480 | 0 | 672 | 1,627 | 52 |
| Kerosene | 0 | 0 | 10 | 0 | 5 | 15 | 0 |
| Distillate Fuel Oil | 1,375 | 405 | 14,068 | 0 | 4,712 | 20,560 | 663 |
| 15 ppm sulfur and under ^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur ^b | 1,375 | 376 | 12,205 | 0 | 4,401 | 18,357 | 592 |
| Greater than 500 ppm sulfur | 0 | 30 | 1,863 | 0 | 310 | 2,203 | 71 |
| Residual Fuel Oil | 601 | 239 | 8,195 | 1 | 595 | 9,631 | 311 |
| Naphtha For Petro. Feed. Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oils for Petro. Feed. Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 256 | 1 | 11 | 0 | 260 | 528 | 17 |
| Lubricants | 114 | 79 | 727 | 7 | 172 | 1,098 | 35 |
| Waxes | 33 | 24 | 20 | 0 | 3 | 79 | 3 |
| Petroleum Coke | 142 | 234 | 8,083 | 3 | 3,053 | 11,515 | 371 |
| Asphalt and Road Oil | 155 | 127 | 235 | 19 | 48 | 584 | 19 |
| Miscellaneous Products | 7 | 1 | 297 | 0 | 423 | 728 | 23 |
| Total | 3,150 | 3,783 | 38,970 | 348 | 11,530 | 57,781 | 1,864 |

^a Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

^b Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and the U.S. Bureau of the Census.

Table 48. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-December 2008
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Totals | |
|--|---------------|---------------|----------------|--------------|----------------|----------------|---------------|
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average |
| Crude Oil^a | 2,525 | 7,880 | 0 | 58 | 2 | 10,464 | 29 |
| Natural Gas Liquids | 683 | 11,561 | 14,575 | 3,400 | 6,732 | 36,951 | 101 |
| Pentanes Plus | 35 | 8,667 | 0 | 3,342 | 350 | 12,393 | 34 |
| Liquefied Petroleum Gases | 648 | 2,895 | 14,575 | 57 | 6,382 | 24,558 | 67 |
| Ethane/Ethylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Propane/Propylene | 275 | 468 | 13,926 | 4 | 4,590 | 19,264 | 53 |
| Normal Butane/Butylene | 373 | 2,427 | 649 | 53 | 1,792 | 5,294 | 14 |
| Isobutane/Isobutylene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Liquids | 1,829 | 704 | 22,511 | 20 | 3,383 | 28,447 | 78 |
| Other Hydrocarbons/Oxygenates | 1,520 | 461 | 18,089 | 20 | 2,097 | 22,187 | 61 |
| Other Hydrocarbons/Hydrogen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxygenates | 1,520 | 461 | 18,089 | 20 | 2,097 | 22,187 | 61 |
| Fuel Ethanol (FE) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 7 | 16 | 17,168 | 0 | 26 | 17,217 | 47 |
| Other Oxygenates | 1,513 | 446 | 920 | 20 | 2,071 | 4,970 | 14 |
| Motor Gasoline Blending Components (MGBC) | 309 | 242 | 4,423 | 0 | 1,286 | 6,260 | 17 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| Conventional | 308 | 242 | 4,417 | 0 | 1,283 | 6,251 | 17 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Petroleum Products | 68,191 | 26,485 | 399,076 | 565 | 100,079 | 594,395 | 1,624 |
| Finished Motor Gasoline | 7,061 | 6,501 | 39,114 | 1 | 10,163 | 62,841 | 172 |
| Reformulated | 614 | 205 | 745 | 0 | 2,853 | 4,417 | 12 |
| Conventional | 6,447 | 6,297 | 38,369 | 1 | 7,311 | 58,424 | 160 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 1,511 | 3,152 | 9,652 | 2 | 8,073 | 22,389 | 61 |
| Kerosene | 923 | 518 | 40 | 0 | 422 | 1,904 | 5 |
| Distillate Fuel Oil | 23,845 | 4,312 | 132,826 | 78 | 31,939 | 193,000 | 527 |
| 15 ppm sulfur and under ^b | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur ^b | 20,801 | 2,702 | 114,321 | 77 | 28,687 | 166,589 | 455 |
| Greater than 500 ppm sulfur | 3,045 | 1,610 | 18,504 | 1 | 3,251 | 26,411 | 72 |
| Residual Fuel Oil | 24,561 | 2,807 | 93,169 | 41 | 9,527 | 130,105 | 355 |
| Naphtha For Petro. Feed. Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oils for Petro. Feed. Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 302 | 4 | 2,653 | 0 | 1,718 | 4,677 | 13 |
| Lubricants | 2,355 | 2,136 | 14,246 | 112 | 3,153 | 22,004 | 60 |
| Waxes | 560 | 331 | 902 | 3 | 61 | 1,857 | 5 |
| Petroleum Coke | 4,177 | 4,127 | 103,261 | 44 | 32,787 | 144,397 | 395 |
| Asphalt and Road Oil | 2,752 | 2,522 | 2,080 | 284 | 866 | 8,504 | 23 |
| Miscellaneous Products | 143 | 74 | 1,131 | 0 | 1,369 | 2,717 | 7 |
| Total | 73,228 | 46,630 | 436,162 | 4,043 | 110,195 | 670,257 | 1,831 |

^a Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

^b Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and the U.S. Bureau of the Census.

Table 49. Exports of Crude Oil and Petroleum Products by Destination, December 2008
(Thousand Barrels)

| Destination | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils | Finished Motor Gasoline | | |
|----------------------|------------------------|---------------|---------------------------|-----------------|-------------------------|--------------|--------------|
| | | | | | Reformulated | Conventional | Total |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 7 | 0 | 5 | 13 | 18 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Belize | 0 | 0 | 0 | 0 | 0 | 49 | 49 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 1,413 | 1,052 | 74 | 0 | 153 | 307 | 460 |
| Cayman Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chile | 0 | 0 | 0 | 0 | 0 | 239 | 239 |
| China | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Costa Rica | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 295 | 295 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| El Salvador | 0 | 0 | 0 | 0 | 0 | 55 | 55 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 0 | 124 | 124 |
| Greece | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 307 | 307 |
| Honduras | 0 | 0 | 204 | 0 | 3 | 93 | 96 |
| Hong Kong | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamaica | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 935 | 0 | 3 | 4,349 | 4,352 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | 42 | 42 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Africa | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Switzerland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thailand | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 228 | 228 |
| Turkey | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 5 | 0 | 9 | 2 | 11 |
| Total | 1,413 | 1,052 | 1,227 | 0 | 173 | 6,114 | 6,287 |

See footnotes at end of table.

Table 49. Exports of Crude Oil and Petroleum Products by Destination, December 2008 (Continued)
(Thousand Barrels)

| Destination | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil ^b | | | | |
|----------------------|-----------------------------|--------------|------------|-------------------|------------------------------------|------------------|----------------------------------|---------------------------------------|-----------------|-----------------------|---------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| Argentina | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 305 | 0 | 0 | 305 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 1 | 1 | 0 | 0 | 34 | 0 | 0 | 20 | 0 | 20 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 1 | 1 | 0 | 5 | 0 | 0 | 749 | 0 | 0 | 749 |
| Belize | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 1 | 1 | 0 | 1 | 4 | 0 | 1,521 | 60 | 0 | 1,581 |
| Cayman Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 33 | 0 | 57 |
| Chile | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 752 | 0 | 0 | 752 |
| China | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 101 | 0 | 101 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 444 | 98 | 0 | 543 |
| Costa Rica | 0 | 0 | 0 | 0 | 26 | 1 | 0 | 452 | 0 | 0 | 452 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 | 30 | 0 | 331 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 303 | 0 | 0 | 303 |
| El Salvador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 10 | 0 | 105 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 1,334 | 0 | 0 | 1,334 |
| Germany | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 325 | 0 | 0 | 325 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,162 | 0 | 0 | 1,162 |
| Greece | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | 0 | 0 | 246 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 | 189 | 0 | 414 |
| Honduras | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 61 | 0 | 66 |
| Hong Kong | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 180 | 0 | 180 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 558 | 0 | 0 | 558 |
| Jamaica | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 136 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 124 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 147 | 147 | 0 | 494 | 0 | 0 | 1,585 | 2 | 0 | 1,587 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5,728 | 641 | 0 | 6,369 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 82 | 0 | 0 | 269 | 0 | 0 | 269 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 30 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 0 | 0 | 250 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 415 | 95 | 0 | 510 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 0 | 0 | 210 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 111 | 329 | 0 | 440 |
| South Africa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237 | 0 | 0 | 237 |
| Switzerland | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thailand | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Turkey | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275 | 295 | 0 | 570 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 356 | 1 | 0 | 0 | 0 | 0 | 0 |
| Other | 5 | 66 | 71 | 0 | 0 | 4 | 0 | 352 | 0 | 0 | 350 |
| Total | 5 | 219 | 224 | 0 | 964 | 248 | 0 | 18,357 | 2,203 | 0 | 20,560 |

See footnotes at end of table.

Table 49. Exports of Crude Oil and Petroleum Products by Destination, December 2008 (Continued)
(Thousand Barrels)

| Destination | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | Petrochemical Feedstocks | | Waxes |
|----------------------|-----------|----------------------------|--------------------------------|------------------------|------------------|-------------------|--------------------------|------------|-----------|
| | | | | | | | Naphtha | Other Oils | |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Bahamas | 0 | 0 | 0 | 21 | 0 | 386 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belize | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 4 | 0 | 0 | 1,146 | 1 | 1,005 | 0 | 0 | 52 |
| Cayman Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chile | 0 | 0 | 0 | 0 | 1 | 316 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Costa Rica | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 3 | 38 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 251 | 419 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| El Salvador | 0 | 0 | 0 | 45 | 0 | 175 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 0 | 698 | 0 | 0 | 0 |
| Greece | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | 41 | 0 | 25 | 0 | 0 | 0 |
| Honduras | 0 | 0 | 0 | 15 | 0 | 280 | 0 | 0 | 0 |
| Hong Kong | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamaica | 0 | 0 | 0 | 0 | 0 | 752 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Korea, South | 0 | 0 | 0 | 0 | 258 | 189 | 0 | 0 | 0 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 9 | 0 | 0 | 67 | 6 | 259 | 0 | 0 | 20 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 2,456 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 209 | 0 | 0 | 0 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 1 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 |
| Peru | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 1 | 1,885 | 0 | 0 | 0 |
| South Africa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Switzerland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Thailand | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Turkey | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | 282 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 2 | 0 | 400 | 0 | 0 | 4 |
| Total | 15 | 0 | 0 | 1,627 | 528 | 9,631 | 0 | 0 | 79 |

See footnotes at end of table.

Table 49. Exports of Crude Oil and Petroleum Products by Destination, December 2008 (Continued)
(Thousand Barrels)

| Destination | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|----------------------|----------------|----------------------|--------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | | | | | | | Crude Oil | Products | Total |
| Argentina | 41 | 0 | 6 | 0 | 357 | 357 | 0 | 12 | 12 |
| Australia | 262 | 0 | 7 | 0 | 270 | 270 | 0 | 9 | 9 |
| Bahamas | 0 | 0 | 6 | 0 | 493 | 493 | 0 | 16 | 16 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 210 | 0 | 16 | 0 | 981 | 981 | 0 | 32 | 32 |
| Belize | 0 | 0 | 0 | 0 | 87 | 87 | 0 | 3 | 3 |
| Brazil | 850 | 0 | 210 | 0 | 1,084 | 1,084 | 0 | 35 | 35 |
| Canada | 764 | 244 | 124 | 707 | 7,218 | 8,632 | 46 | 233 | 278 |
| Cayman Islands | 0 | 0 | 2 | 0 | 60 | 60 | 0 | 2 | 2 |
| Chile | 260 | 0 | 70 | 0 | 1,637 | 1,637 | 0 | 53 | 53 |
| China | 534 | 6 | 23 | 1 | 671 | 671 | 0 | 22 | 22 |
| Colombia | 0 | 1 | 79 | 0 | 623 | 623 | 0 | 20 | 20 |
| Costa Rica | 0 | 0 | 13 | 0 | 494 | 494 | 0 | 16 | 16 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 165 | 133 | 5 | 0 | 679 | 679 | 0 | 22 | 22 |
| Ecuador | 0 | 0 | 24 | 0 | 989 | 989 | 0 | 32 | 32 |
| Egypt | 0 | 1 | 0 | 0 | 306 | 306 | 0 | 10 | 10 |
| El Salvador | 0 | 0 | 5 | 0 | 386 | 386 | 0 | 12 | 12 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 2 | 0 | 1,354 | 1,354 | 0 | 44 | 44 |
| Germany | 0 | 2 | 29 | 1 | 361 | 361 | 0 | 12 | 12 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 1,985 | 1,985 | 0 | 64 | 64 |
| Greece | 0 | 0 | 0 | 0 | 247 | 247 | 0 | 8 | 8 |
| Guatemala | 0 | 0 | 16 | 0 | 804 | 804 | 0 | 26 | 26 |
| Honduras | 0 | 0 | 20 | 0 | 681 | 681 | 0 | 22 | 22 |
| Hong Kong | 0 | 0 | 1 | 0 | 181 | 181 | 0 | 6 | 6 |
| India | 616 | 0 | 1 | 0 | 617 | 617 | 0 | 20 | 20 |
| Indonesia | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 |
| Ireland | 184 | 0 | 0 | 1 | 185 | 185 | 0 | 6 | 6 |
| Israel | 0 | 0 | 2 | 0 | 3 | 3 | 0 | 0 | 0 |
| Italy | 1,186 | 0 | 1 | 0 | 1,746 | 1,746 | 0 | 56 | 56 |
| Jamaica | 0 | 0 | 2 | 0 | 755 | 755 | 0 | 24 | 24 |
| Japan | 1,240 | 1 | 18 | 2 | 1,398 | 1,398 | 0 | 45 | 45 |
| Korea, South | 131 | 5 | 1 | 1 | 709 | 709 | 0 | 23 | 23 |
| Lebanon | 136 | 0 | 0 | 0 | 136 | 136 | 0 | 4 | 4 |
| Mexico | 1,406 | 88 | 189 | 13 | 9,572 | 9,572 | 0 | 309 | 309 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 462 | 0 | 0 | 0 | 462 | 462 | 0 | 15 | 15 |
| Mozambique | 91 | 0 | 0 | 0 | 91 | 91 | 0 | 3 | 3 |
| Netherlands | 211 | 0 | 1 | 0 | 9,039 | 9,039 | 0 | 292 | 292 |
| Netherlands Antilles | 0 | 0 | 1 | 0 | 561 | 561 | 0 | 18 | 18 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 2 | 0 | 32 | 32 | 0 | 1 | 1 |
| Nigeria | 0 | 1 | 3 | 0 | 4 | 4 | 0 | 0 | 0 |
| Norway | 43 | 0 | 0 | 0 | 295 | 295 | 0 | 10 | 10 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 32 | 11 | 0 | 728 | 728 | 0 | 23 | 23 |
| Peru | 0 | 0 | 56 | 0 | 268 | 268 | 0 | 9 | 9 |
| Philippines | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| Portugal | 193 | 0 | 0 | 0 | 193 | 193 | 0 | 6 | 6 |
| Puerto Rico | 0 | 55 | 12 | 0 | 73 | 73 | 0 | 2 | 2 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 89 | 1 | 2 | 1 | 93 | 93 | 0 | 3 | 3 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 1 | 18 | 0 | 2,365 | 2,365 | 0 | 76 | 76 |
| South Africa | 0 | 1 | 16 | 0 | 17 | 17 | 0 | 1 | 1 |
| Spain | 915 | 0 | 0 | 0 | 1,152 | 1,152 | 0 | 37 | 37 |
| Switzerland | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 2 | 0 | 4 | 4 | 0 | 0 | 0 |
| Thailand | 0 | 1 | 0 | 0 | 3 | 3 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 29 | 0 | 258 | 258 | 0 | 8 | 8 |
| Turkey | 468 | 0 | 1 | 0 | 1,039 | 1,039 | 0 | 34 | 34 |
| United Arab Emirates | 0 | 2 | 4 | 0 | 6 | 6 | 0 | 0 | 0 |
| United Kingdom | 176 | 1 | 1 | 0 | 461 | 461 | 0 | 15 | 15 |
| Venezuela | 279 | 2 | 38 | 0 | 677 | 677 | 0 | 22 | 22 |
| Other | 603 | 6 | 28 | 1 | 1,473 | 1,472 | 0 | 45 | 46 |
| Total | 11,515 | 584 | 1,098 | 728 | 56,368 | 57,781 | 46 | 1,818 | 1,864 |

^a Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

^b Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and the U.S. Bureau of the Census.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2008
(Thousand Barrels)

| Destination | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils | Finished Motor Gasoline | | |
|----------------------|------------------------|---------------|---------------------------|-----------------|-------------------------|---------------|---------------|
| | | | | | Reformulated | Conventional | Total |
| Argentina | 0 | 0 | 0 | 0 | 0 | 43 | 43 |
| Australia | 0 | 0 | 4 | 0 | 0 | 9 | 10 |
| Bahamas | 0 | 0 | 55 | 0 | 31 | 360 | 391 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Belgium | 0 | 0 | 4 | 0 | 0 | 1 | 1 |
| Belize | 0 | 0 | 0 | 0 | 2 | 219 | 221 |
| Brazil | 0 | 0 | 3 | 0 | 0 | 1 | 1 |
| Canada | 10,464 | 12,393 | 4,025 | 0 | 2,922 | 10,402 | 13,324 |
| Cayman Islands | 0 | 0 | 0 | 0 | 0 | 76 | 76 |
| Chile | 0 | 0 | 113 | 0 | 0 | 2,123 | 2,124 |
| China | 0 | 0 | 25 | 0 | 0 | 327 | 327 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Costa Rica | 0 | 0 | 5 | 0 | 0 | 465 | 465 |
| Denmark | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 250 | 0 | 0 | 281 | 281 |
| Ecuador | 0 | 0 | 1,711 | 0 | 0 | 295 | 295 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| El Salvador | 0 | 0 | 0 | 0 | 0 | 561 | 561 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 401 | 0 | 1 | 1 | 1 |
| Germany | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 0 | 491 | 491 |
| Greece | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 2 | 0 | 0 | 548 | 548 |
| Honduras | 0 | 0 | 1,049 | 0 | 29 | 705 | 734 |
| Hong Kong | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| India | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 0 | 3 | 0 | 464 | 0 | 464 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamaica | 0 | 0 | 0 | 0 | 0 | 127 | 127 |
| Japan | 0 | 0 | 906 | 0 | 2 | 7 | 8 |
| Korea, South | 0 | 0 | 848 | 0 | 0 | 3 | 3 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 14,795 | 0 | 874 | 38,964 | 39,838 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| New Zealand | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 115 | 0 | 0 | 1,255 | 1,255 |
| Peru | 0 | 0 | 90 | 0 | 0 | 0 | 0 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 9 | 0 | 0 | 33 | 33 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Africa | 0 | 0 | 0 | 0 | 0 | 518 | 518 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Switzerland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Thailand | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 228 | 228 |
| Turkey | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| United Arab Emirates | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 29 | 0 | 6 | 3 | 9 |
| Venezuela | 0 | 0 | 4 | 0 | 0 | 1 | 1 |
| Other | 0 | 0 | 100 | 0 | 84 | 366 | 450 |
| Total | 10,464 | 12,393 | 24,558 | 0 | 4,417 | 58,424 | 62,841 |

See footnotes at end of table.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2008 (Continued)
(Thousand Barrels)

| Destination | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil ^b | | | | |
|----------------------|-----------------------------|--------------|--------------|-------------------|------------------------------------|------------------|----------------------------------|---------------------------------------|-----------------|-----------------------|----------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| Argentina | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 5,698 | 0 | 0 | 5,698 |
| Australia | 0 | 3 | 3 | 0 | 0 | 5 | 0 | 97 | 0 | 0 | 97 |
| Bahamas | 0 | 137 | 137 | 0 | 0 | 815 | 0 | 1,422 | 1,050 | 0 | 2,472 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 3 | 3 | 0 | 12 | 4 | 0 | 4,376 | 0 | 0 | 4,376 |
| Belize | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 350 | 0 | 409 |
| Brazil | 0 | 2 | 2 | 0 | 0 | 504 | 0 | 4,841 | 263 | 0 | 5,104 |
| Canada | 0 | 461 | 461 | 0 | 18 | 76 | 0 | 8,876 | 2,518 | 0 | 11,394 |
| Cayman Islands | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 86 | 578 | 0 | 664 |
| Chile | 0 | 2 | 2 | 0 | 930 | 1 | 0 | 21,710 | 0 | 0 | 21,710 |
| China | 3 | 20 | 23 | 0 | 5 | 3 | 0 | 278 | 101 | 0 | 379 |
| Colombia | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 5,071 | 1,280 | 0 | 6,352 |
| Costa Rica | 0 | 15 | 15 | 0 | 157 | 5 | 0 | 2,968 | 0 | 0 | 2,968 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 0 | 160 |
| Dominican Republic | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1,895 | 854 | 0 | 2,749 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 537 | 0 | 0 | 537 |
| Egypt | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 305 | 0 | 0 | 305 |
| El Salvador | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 299 | 411 | 0 | 710 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 251 | 403 | 0 | 5,832 | 0 | 0 | 5,832 |
| Germany | 0 | 2 | 3 | 0 | 0 | 50 | 0 | 2,238 | 0 | 0 | 2,238 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 104 | 104 | 0 | 0 | 0 | 0 | 10,303 | 111 | 0 | 10,414 |
| Greece | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1,396 | 447 | 0 | 1,843 |
| Guatemala | 0 | 8 | 8 | 0 | 0 | 10 | 0 | 4,047 | 1,542 | 0 | 5,589 |
| Honduras | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 841 | 837 | 0 | 1,678 |
| Hong Kong | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 180 | 0 | 180 |
| India | 0 | 0 | 0 | 0 | 2 | 269 | 0 | 9 | 0 | 0 | 9 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 835 | 835 | 0 | 0 | 96 | 0 | 317 | 1,149 | 0 | 1,465 |
| Italy | 0 | 0 | 0 | 0 | 46 | 13 | 0 | 2,991 | 210 | 0 | 3,201 |
| Jamaica | 0 | 0 | 0 | 0 | 226 | 0 | 0 | 71 | 0 | 0 | 71 |
| Japan | 0 | 2 | 2 | 0 | 7 | 1,478 | 0 | 1 | 87 | 0 | 88 |
| Korea, South | 0 | 2 | 2 | 0 | 1 | 95 | 0 | 968 | 127 | 0 | 1,095 |
| Lebanon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 678 | 1,687 | 0 | 2,365 |
| Mexico | 0 | 2,527 | 2,527 | 0 | 6,792 | 83 | 0 | 23,151 | 472 | 0 | 23,623 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 342 | 0 | 0 | 342 |
| Netherlands | 0 | 398 | 398 | 0 | 296 | 102 | 0 | 27,644 | 1,851 | 0 | 29,495 |
| Netherlands Antilles | 0 | 94 | 94 | 0 | 387 | 0 | 0 | 269 | 0 | 0 | 269 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 435 | 0 | 435 |
| Nigeria | 0 | 89 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 536 | 0 | 0 | 536 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 17 | 17 | 0 | 0 | 2 | 0 | 4,397 | 2,198 | 0 | 6,595 |
| Peru | 0 | 106 | 106 | 0 | 0 | 1 | 0 | 5,536 | 2,631 | 0 | 8,167 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| Puerto Rico | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 1,078 | 611 | 0 | 1,690 |
| Romania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 0 | 0 | 255 |
| Saudi Arabia | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 0 | 7 | 7 | 0 | 160 | 611 | 0 | 778 | 1,595 | 0 | 2,373 |
| South Africa | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 1 | 1 | 0 | 0 | 51 | 0 | 6,761 | 278 | 0 | 7,039 |
| Switzerland | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 68 | 0 | 68 |
| Taiwan | 0 | 1 | 1 | 0 | 393 | 2 | 0 | 4 | 0 | 0 | 4 |
| Thailand | 0 | 5 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Turkey | 0 | 15 | 15 | 0 | 0 | 44 | 0 | 3,478 | 1,996 | 0 | 5,473 |
| United Arab Emirates | 0 | 23 | 23 | 0 | 0 | 68 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 0 | 28 | 28 | 0 | 0 | 8 | 0 | 816 | 0 | 0 | 816 |
| Venezuela | 0 | 302 | 302 | 0 | 7,509 | 30 | 0 | 0 | 0 | 0 | 0 |
| Other | 6 | 1,020 | 1,024 | 0 | 25 | 48 | 0 | 3,333 | 334 | 0 | 3,667 |
| Total | 9 | 6,251 | 6,260 | 0 | 17,217 | 4,970 | 0 | 166,589 | 26,411 | 0 | 193,000 |

See footnotes at end of table.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2008 (Continued)
(Thousand Barrels)

| Destination | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | Petrochemical Feedstocks | | Waxes |
|----------------------|--------------|----------------------------|--------------------------------|------------------------|------------------|-------------------|--------------------------|------------|--------------|
| | | | | | | | Naphtha | Other Oils | |
| Argentina | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Australia | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 6 |
| Bahamas | 1 | 0 | 0 | 394 | 0 | 6,213 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 1 | 13 | 0 | 0 | 16 |
| Belize | 0 | 0 | 0 | 105 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 1 | 0 | 0 | 26 | 97 | 24 | 0 | 0 | 6 |
| Canada | 1,831 | 0 | 0 | 11,772 | 46 | 9,812 | 0 | 0 | 810 |
| Cayman Islands | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 |
| Chile | 1 | 0 | 0 | 594 | 15 | 1,706 | 0 | 0 | 2 |
| China | 0 | 0 | 0 | 0 | 3 | 1,335 | 0 | 0 | 68 |
| Colombia | 1 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 2 |
| Costa Rica | 0 | 0 | 0 | 151 | 3 | 0 | 0 | 0 | 4 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dominican Republic | 0 | 0 | 0 | 307 | 108 | 861 | 0 | 0 | 3 |
| Ecuador | 2 | 0 | 0 | 0 | 510 | 3,340 | 0 | 0 | 0 |
| Egypt | 0 | 0 | 0 | 0 | 11 | 256 | 0 | 0 | 0 |
| El Salvador | 0 | 0 | 0 | 442 | 0 | 774 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 243 |
| Germany | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 12 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gibraltar | 0 | 0 | 0 | 0 | 53 | 8,142 | 0 | 0 | 0 |
| Greece | 0 | 0 | 0 | 8 | 52 | 0 | 0 | 0 | 0 |
| Guatemala | 1 | 0 | 0 | 347 | 17 | 1,948 | 0 | 0 | 0 |
| Honduras | 0 | 0 | 0 | 181 | 2 | 4,756 | 0 | 0 | 1 |
| Hong Kong | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 4 |
| India | 0 | 0 | 0 | 0 | 2 | 87 | 0 | 0 | 17 |
| Indonesia | 0 | 0 | 0 | 0 | 1 | 232 | 0 | 0 | 2 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Israel | 0 | 0 | 0 | 788 | 1 | 331 | 0 | 0 | 1 |
| Italy | 0 | 0 | 0 | 50 | 11 | 103 | 0 | 0 | 4 |
| Jamaica | 0 | 0 | 0 | 222 | 0 | 8,618 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 326 | 695 | 0 | 0 | 6 |
| Korea, South | 0 | 0 | 0 | 0 | 1,154 | 1,889 | 0 | 0 | 2 |
| Lebanon | 0 | 0 | 0 | 2 | 0 | 277 | 0 | 0 | 0 |
| Mexico | 32 | 0 | 0 | 1,356 | 442 | 9,159 | 0 | 0 | 555 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Netherlands | 0 | 0 | 0 | 729 | 16 | 12,785 | 0 | 0 | 26 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 9,764 | 0 | 0 | 0 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nicaragua | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Nigeria | 4 | 0 | 0 | 1,653 | 0 | 4 | 0 | 0 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 2 | 0 | 0 | 342 | 399 | 9,428 | 0 | 0 | 0 |
| Peru | 7 | 0 | 0 | 0 | 0 | 439 | 0 | 0 | 1 |
| Philippines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 278 | 1,269 | 0 | 0 | 1 |
| Romania | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 18 | 6 | 1 | 0 | 0 | 0 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 6 | 0 | 0 | 0 | 498 | 24,499 | 0 | 0 | 1 |
| South Africa | 2 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 9 |
| Spain | 0 | 0 | 0 | 0 | 0 | 778 | 0 | 0 | 7 |
| Switzerland | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taiwan | 4 | 0 | 0 | 0 | 550 | 1,053 | 0 | 0 | 23 |
| Thailand | 0 | 0 | 0 | 0 | 16 | 202 | 0 | 0 | 1 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Turkey | 1 | 0 | 0 | 0 | 0 | 460 | 0 | 0 | 1 |
| United Arab Emirates | 2 | 0 | 0 | 32 | 6 | 175 | 0 | 0 | 0 |
| United Kingdom | 2 | 0 | 0 | 2,519 | 0 | 388 | 0 | 0 | 7 |
| Venezuela | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 2 |
| Other | 2 | 0 | 0 | 295 | 15 | 8,100 | 0 | 0 | 9 |
| Total | 1,904 | 0 | 0 | 22,389 | 4,677 | 130,105 | 0 | 0 | 1,857 |

See footnotes at end of table.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-December 2008 (Continued)
(Thousand Barrels)

| Destination | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products | Daily Average | | |
|----------------------|----------------|----------------------|---------------|----------------|----------------|------------------------------|---------------|--------------|--------------|
| | | | | | | | Crude Oil | Products | Total |
| Argentina | 42 | 3 | 641 | 0 | 6,457 | 6,457 | 0 | 18 | 18 |
| Australia | 3,273 | 1 | 213 | 1 | 3,623 | 3,623 | 0 | 10 | 10 |
| Bahamas | 0 | 10 | 57 | 3 | 10,547 | 10,547 | 0 | 29 | 29 |
| Bahrain | 0 | 0 | 3 | 0 | 8 | 8 | 0 | 0 | 0 |
| Belgium | 1,702 | 3 | 492 | 0 | 6,628 | 6,628 | 0 | 18 | 18 |
| Belize | 0 | 0 | 4 | 0 | 739 | 739 | 0 | 2 | 2 |
| Brazil | 12,807 | 46 | 1,796 | 10 | 20,427 | 20,427 | 0 | 56 | 56 |
| Canada | 10,663 | 4,718 | 2,683 | 1,999 | 86,024 | 96,488 | 29 | 235 | 264 |
| Cayman Islands | 0 | 11 | 9 | 0 | 822 | 822 | 0 | 2 | 2 |
| Chile | 1,950 | 353 | 909 | 1 | 30,411 | 30,411 | 0 | 83 | 83 |
| China | 1,936 | 185 | 584 | 6 | 4,879 | 4,879 | 0 | 13 | 13 |
| Colombia | 1 | 8 | 855 | 4 | 7,234 | 7,234 | 0 | 20 | 20 |
| Costa Rica | 519 | 0 | 191 | 2 | 4,487 | 4,487 | 0 | 12 | 12 |
| Denmark | 959 | 2 | 0 | 0 | 1,125 | 1,125 | 0 | 3 | 3 |
| Dominican Republic | 1,510 | 196 | 448 | 4 | 6,719 | 6,719 | 0 | 18 | 18 |
| Ecuador | 308 | 4 | 256 | 0 | 6,965 | 6,965 | 0 | 19 | 19 |
| Egypt | 165 | 6 | 5 | 0 | 755 | 755 | 0 | 2 | 2 |
| El Salvador | 0 | 0 | 285 | 0 | 2,772 | 2,772 | 0 | 8 | 8 |
| Finland | 0 | 7 | 5 | 0 | 13 | 13 | 0 | 0 | 0 |
| France | 2,439 | 2 | 495 | 0 | 10,234 | 10,234 | 0 | 28 | 28 |
| Germany | 1,933 | 26 | 826 | 4 | 5,101 | 5,101 | 0 | 14 | 14 |
| Ghana | 2 | 0 | 3 | 0 | 5 | 5 | 0 | 0 | 0 |
| Gibraltar | 36 | 0 | 0 | 0 | 19,241 | 19,241 | 0 | 53 | 53 |
| Greece | 1,586 | 6 | 10 | 0 | 3,507 | 3,507 | 0 | 10 | 10 |
| Guatemala | 3 | 3 | 193 | 0 | 8,670 | 8,670 | 0 | 24 | 24 |
| Honduras | 0 | 0 | 127 | 0 | 8,530 | 8,530 | 0 | 23 | 23 |
| Hong Kong | 0 | 13 | 79 | 2 | 288 | 288 | 0 | 1 | 1 |
| India | 3,127 | 5 | 320 | 2 | 3,842 | 3,842 | 0 | 10 | 10 |
| Indonesia | 1 | 5 | 37 | 0 | 293 | 293 | 0 | 1 | 1 |
| Ireland | 1,839 | 31 | 1 | 9 | 1,880 | 1,880 | 0 | 5 | 5 |
| Israel | 1,516 | 0 | 325 | 320 | 6,146 | 6,146 | 0 | 17 | 17 |
| Italy | 10,539 | 14 | 1,082 | 1 | 15,064 | 15,064 | 0 | 41 | 41 |
| Jamaica | 193 | 20 | 47 | 2 | 9,527 | 9,527 | 0 | 26 | 26 |
| Japan | 17,285 | 16 | 275 | 33 | 21,127 | 21,127 | 0 | 58 | 58 |
| Korea, South | 1,255 | 51 | 441 | 5 | 6,840 | 6,840 | 0 | 19 | 19 |
| Lebanon | 1,217 | 0 | 17 | 0 | 3,879 | 3,879 | 0 | 11 | 11 |
| Mexico | 24,489 | 888 | 3,446 | 158 | 128,184 | 128,184 | 0 | 350 | 350 |
| Montenegro | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morocco | 4,391 | 0 | 1 | 0 | 4,392 | 4,392 | 0 | 12 | 12 |
| Mozambique | 712 | 0 | 0 | 0 | 1,054 | 1,054 | 0 | 3 | 3 |
| Netherlands | 3,503 | 428 | 149 | 9 | 47,936 | 47,936 | 0 | 131 | 131 |
| Netherlands Antilles | 64 | 2 | 16 | 3 | 10,599 | 10,599 | 0 | 29 | 29 |
| New Zealand | 638 | 0 | 8 | 0 | 648 | 648 | 0 | 2 | 2 |
| Nicaragua | 338 | 0 | 39 | 0 | 813 | 813 | 0 | 2 | 2 |
| Nigeria | 157 | 3 | 416 | 0 | 2,327 | 2,327 | 0 | 6 | 6 |
| Norway | 1,040 | 4 | 6 | 0 | 1,589 | 1,589 | 0 | 4 | 4 |
| Pakistan | 0 | 4 | 5 | 0 | 9 | 9 | 0 | 0 | 0 |
| Panama | 3 | 222 | 325 | 0 | 18,704 | 18,704 | 0 | 51 | 51 |
| Peru | 0 | 1 | 687 | 2 | 9,501 | 9,501 | 0 | 26 | 26 |
| Philippines | 1 | 0 | 11 | 1 | 23 | 23 | 0 | 0 | 0 |
| Portugal | 2,554 | 0 | 2 | 0 | 2,557 | 2,557 | 0 | 7 | 7 |
| Puerto Rico | 4 | 751 | 427 | 61 | 4,532 | 4,532 | 0 | 12 | 12 |
| Romania | 152 | 0 | 2 | 0 | 410 | 410 | 0 | 1 | 1 |
| Saudi Arabia | 191 | 6 | 26 | 2 | 253 | 253 | 0 | 1 | 1 |
| Serbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Singapore | 1 | 3 | 750 | 0 | 28,910 | 28,910 | 0 | 79 | 79 |
| South Africa | 1,356 | 6 | 165 | 0 | 2,101 | 2,101 | 0 | 6 | 6 |
| Spain | 12,112 | 0 | 6 | 0 | 19,995 | 19,995 | 0 | 55 | 55 |
| Switzerland | 248 | 0 | 2 | 0 | 324 | 324 | 0 | 1 | 1 |
| Taiwan | 5 | 7 | 221 | 2 | 2,265 | 2,265 | 0 | 6 | 6 |
| Thailand | 8 | 34 | 55 | 3 | 327 | 327 | 0 | 1 | 1 |
| Trinidad and Tobago | 0 | 0 | 190 | 1 | 422 | 422 | 0 | 1 | 1 |
| Turkey | 4,039 | 1 | 203 | 0 | 10,238 | 10,238 | 0 | 28 | 28 |
| United Arab Emirates | 2 | 6 | 193 | 0 | 508 | 508 | 0 | 1 | 1 |
| United Kingdom | 2,295 | 22 | 188 | 2 | 6,314 | 6,314 | 0 | 17 | 17 |
| Venezuela | 1,712 | 16 | 192 | 0 | 9,776 | 9,776 | 0 | 27 | 27 |
| Other | 5,576 | 355 | 559 | 65 | 20,273 | 20,273 | 0 | 55 | 55 |
| Total | 144,397 | 8,504 | 22,004 | 2,717 | 659,793 | 670,257 | 29 | 1,803 | 1,831 |

^a Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

^b Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

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

Sources: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report" and the U.S. Bureau of the Census.

Table 51. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2008
(Thousand Barrels per Day)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|-----------------|-------------------------|--------------|------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 5,099 | 14 | 56 | 184 | 0 | 17 | 17 |
| Algeria | 235 | 0 | 49 | 71 | 0 | 0 | 0 |
| Angola | 553 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 252 | 0 | 0 | 0 | 0 | -10 | -10 |
| Indonesia | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 519 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 194 | 0 | 0 | 25 | 0 | 0 | 0 |
| Libya | 30 | 0 | 0 | 13 | 0 | 0 | 0 |
| Nigeria | 869 | 0 | 7 | 19 | 0 | 13 | 13 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 1,394 | 0 | 0 | 20 | 0 | 10 | 10 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 1,028 | 14 | 1 | 36 | 0 | 3 | 3 |
| Non OPEC | 4,274 | -26 | 184 | 588 | -6 | -66 | -72 |
| Argentina | 33 | 2 | 0 | 0 | 0 | 0 | 0 |
| Aruba | 0 | 0 | 0 | 111 | 0 | 0 | 0 |
| Australia | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | 0 | -1 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 38 | 0 | 10 | 10 |
| Brazil | 208 | 5 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 6 | 0 | 0 | 9 | 0 | 0 | 0 |
| Canada | 1,988 | -33 | 183 | 7 | -5 | 13 | 8 |
| Chad | 105 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colombia | 148 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equatorial Guinea | 64 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 8 | 0 | 11 | 11 |
| Gabon | 69 | 0 | 0 | 0 | 0 | 1 | 1 |
| Germany | 0 | 0 | 0 | 27 | 0 | 0 | 0 |
| Guatemala | 22 | 0 | 0 | 0 | 0 | -10 | -10 |
| Honduras | 0 | 0 | -7 | 0 | 0 | -3 | -3 |
| India | 0 | 0 | 0 | 16 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 13 | 0 | 5 | 5 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 11 | 11 |
| Malaysia | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 1,126 | 0 | -30 | 13 | 0 | -140 | -140 |
| Netherlands | 0 | 0 | 0 | 31 | 0 | 44 | 44 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Norway | 25 | 0 | 34 | 12 | 0 | 0 | 0 |
| Oman | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | -1 | -1 |
| Portugal | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 54 | 0 | 0 | 142 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 10 | 10 |
| Sweden | 0 | 0 | 0 | 11 | 0 | 0 | 0 |
| Trinidad and Tobago | 15 | 0 | 5 | 8 | 0 | -7 | -7 |
| United Kingdom | 38 | 0 | 0 | 23 | 0 | 0 | 0 |
| Vietnam | 74 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 45 | 0 | 0 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 232 | 0 | -1 | 63 | -1 | -16 | -16 |
| Total | 9,374 | -12 | 241 | 772 | -6 | -49 | -55 |
| Persian Gulf^b | 2,106 | 0 | 0 | 44 | 0 | 10 | 10 |

See footnotes at end of table.

Table 51. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2008 (Continued)
(Thousand Barrels per Day)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil | | | | |
|---------------------------------|-----------------------------|--------------|------------|-------------------|------------------------------------|------------------|-------------------------|---------------------------------------|-----------------|-----------------------|-------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 4 | 102 | 106 | 0 | -11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Algeria | 1 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 2 | 29 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 44 | 44 | 0 | -11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non OPEC | 284 | 536 | 820 | 15 | -20 | -8 | 100 | -543 | 5 | 36 | -401 |
| Argentina | 0 | 21 | 21 | 0 | 0 | 0 | 0 | -10 | 0 | 0 | -10 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 16 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | -1 | 0 | -1 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 2 | 2 | 4 | 0 | 0 | 0 | 0 | -24 | 1 | 0 | -23 |
| Brazil | 0 | 4 | 4 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 119 | 15 | 134 | 0 | 0 | 0 | 57 | -43 | 8 | 13 | 35 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | -3 |
| Colombia | 0 | 11 | 11 | 0 | 0 | 0 | 0 | -14 | -3 | 8 | -10 |
| Denmark | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -10 | -1 | 0 | -11 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 6 | 11 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 14 | 66 | 79 | 0 | 0 | 0 | 0 | -43 | 0 | 0 | -43 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 5 | 10 | 16 | 0 | 0 | 0 | 0 | -10 | 0 | 0 | -10 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -7 | -6 | 0 | -13 |
| Honduras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -2 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -18 | 0 | 0 | -18 |
| Japan | 0 | 0 | 0 | 0 | 0 | -4 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -4 | 0 | 0 | -4 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 18 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 12 | 12 | 0 | -16 | 0 | 0 | -51 | 0 | 0 | -51 |
| Netherlands | 26 | 79 | 105 | 0 | 0 | 0 | 0 | -178 | -21 | 0 | -199 |
| Netherlands Antilles | 0 | 3 | 3 | 0 | -3 | 0 | 0 | -9 | 0 | 0 | -9 |
| Norway | 0 | 8 | 9 | 0 | 0 | 0 | 0 | -8 | 0 | 0 | -8 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -13 | -3 | 0 | -16 |
| Portugal | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 2 | 42 | 44 | 0 | 0 | 0 | 0 | 14 | 35 | 16 | 65 |
| Spain | 0 | 34 | 35 | 0 | 0 | 0 | 0 | -8 | 0 | 0 | -8 |
| Sweden | 0 | 11 | 11 | 0 | 0 | 0 | 0 | -9 | 0 | 0 | -9 |
| Trinidad and Tobago | 0 | 8 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 28 | 84 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 70 | 54 | 124 | 0 | 0 | 0 | 44 | 6 | 29 | 0 | 79 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 11 | 20 | 28 | 9 | -1 | -2 | -1 | -120 | -28 | -1 | -148 |
| Total | 287 | 638 | 926 | 15 | -31 | -8 | 100 | -543 | 5 | 36 | -401 |
| Persian Gulf^b | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 51. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2008 (Continued)
(Thousand Barrels per Day)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | Petrochemical Feedstocks | | Waxes |
|---------------------------------|-----------|----------------------------|--------------------------------|------------------------|------------------|-------------------|--------------------------|------------|----------|
| | | | | | | | Naphtha | Other Oils | |
| OPEC | 0 | 0 | 0 | 14 | -3 | 21 | 59 | 73 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 20 | 32 | 68 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | -8 | -14 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 5 | 0 | 26 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 14 | 0 | 5 | 0 | 5 | 0 |
| Non OPEC | 10 | 0 | 0 | 2 | -1 | 52 | 52 | 35 | 0 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 7 | 0 |
| Aruba | 0 | 0 | 0 | 9 | 0 | 7 | 0 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | -1 | 0 | -1 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 2 | 0 | 0 | -33 | 2 | 53 | 6 | 1 | -1 |
| Chad | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Colombia | 0 | 0 | 0 | 3 | 0 | 28 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | -1 | 0 | -1 | 0 | 0 | 0 |
| Honduras | 0 | 0 | 0 | 0 | 0 | -9 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 13 | -7 | -6 | 3 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 7 | 0 | 0 | -1 | 0 | 36 | 20 | 0 | -1 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | -63 | 0 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | -7 | 0 | 13 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | -4 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 68 | 3 | 6 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | -9 | 0 | 0 | 3 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 2 | 0 | 0 | 24 | 0 | 9 | 0 | 7 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | -1 | 0 | 0 | -2 | 0 | -127 | 11 | 0 | 0 |
| Total | 10 | 0 | 0 | 16 | -5 | 72 | 111 | 108 | 0 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 5 | 0 | 26 | 0 | 0 |

See footnotes at end of table.

Table 51. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2008 (Continued)
(Thousand Barrels per Day)

| Country of Origin | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products |
|----------------------|----------------|----------------------|------------|----------------|----------------|------------------------------|
| OPEC | -3 | 0 | -2 | 0 | 522 | 5,622 |
| Algeria | 0 | 0 | 0 | 0 | 249 | 484 |
| Angola | 0 | 0 | 0 | 0 | 9 | 562 |
| Ecuador | 0 | 0 | -1 | 0 | -26 | 226 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 27 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 519 |
| Kuwait | 0 | 0 | 0 | 0 | 24 | 219 |
| Libya | 0 | 0 | 0 | 0 | 13 | 43 |
| Nigeria | 0 | 0 | 0 | 0 | 70 | 939 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | -3 | 0 | 0 | 0 | 74 | 1,468 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | -1 | 0 | 109 | 1,137 |
| Non OPEC | -347 | -4 | -19 | -23 | 840 | 5,115 |
| Argentina | 0 | 0 | 0 | 0 | 43 | 75 |
| Aruba | 0 | 0 | 0 | 0 | 144 | 144 |
| Australia | -8 | 0 | 0 | 0 | -9 | 32 |
| Bahamas | 0 | 0 | 0 | 0 | -5 | -5 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | -7 | 0 | -1 | 0 | 24 | 24 |
| Brazil | -26 | 0 | -7 | 0 | -18 | 190 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 9 | 16 |
| Canada | -17 | 7 | 1 | -23 | 333 | 2,321 |
| Chad | 0 | 0 | 0 | 0 | 13 | 118 |
| China | -15 | 0 | -1 | 0 | -17 | -17 |
| Colombia | 0 | 0 | -3 | 0 | 30 | 178 |
| Denmark | 0 | 0 | 0 | 0 | 8 | 8 |
| Dominican Republic | -5 | -4 | 0 | 0 | -22 | -22 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 64 |
| Estonia | 0 | 0 | 0 | 0 | 14 | 14 |
| Finland | 0 | 0 | 0 | 0 | 18 | 18 |
| France | 0 | 0 | 0 | 0 | 56 | 56 |
| Gabon | 0 | 0 | 0 | 0 | 1 | 70 |
| Germany | 0 | 0 | -1 | 0 | 34 | 34 |
| Guatemala | 0 | 0 | -1 | 0 | -26 | -4 |
| Honduras | 0 | 0 | -1 | 0 | -22 | -22 |
| India | -20 | 0 | 0 | 0 | -4 | -4 |
| Italy | -38 | 0 | 0 | 0 | -38 | -38 |
| Japan | -40 | 0 | -1 | 0 | -45 | -45 |
| Korea, South | -4 | 0 | 8 | 0 | 2 | 2 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 11 | 11 |
| Malaysia | 0 | 0 | 0 | 0 | 19 | 39 |
| Mexico | -45 | -3 | -6 | 0 | -207 | 919 |
| Netherlands | -7 | 0 | 0 | 0 | -88 | -88 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | -1 | -1 |
| Norway | -1 | 0 | 0 | 0 | 45 | 71 |
| Oman | 0 | 0 | 0 | 0 | 0 | 7 |
| Panama | 0 | -1 | 0 | 0 | -23 | -23 |
| Portugal | -6 | 0 | 0 | 0 | 14 | 14 |
| Puerto Rico | 0 | -2 | 0 | 0 | -2 | -2 |
| Russia | 0 | 0 | 0 | 0 | 327 | 382 |
| Spain | -30 | 0 | 0 | 0 | 7 | 7 |
| Sweden | 0 | 0 | 0 | 0 | 13 | 13 |
| Trinidad and Tobago | 0 | 0 | -1 | 0 | 50 | 65 |
| United Kingdom | -6 | 0 | 0 | 0 | 124 | 161 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 74 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 0 | 289 | 289 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | -72 | -1 | -5 | 0 | -261 | -30 |
| Total | -350 | -4 | -20 | -23 | 1,363 | 10,736 |
| Persian Gulf | -3 | 0 | 0 | 0 | 98 | 2,205 |

^a Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

^c Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

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

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-814, "Monthly Imports Report" and the U.S. Bureau of the Census.

Table 52. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2008

(Thousand Barrels per Day)

| Country of Origin | Crude Oil ^a | Pentanes Plus | Liquefied Petroleum Gases | Unfinished Oils | Finished Motor Gasoline | | |
|---------------------------------|------------------------|---------------|---------------------------|-----------------|-------------------------|--------------|------------|
| | | | | | Reformulated | Conventional | Total |
| OPEC | 5,419 | 17 | 67 | 144 | 0 | 8 | 8 |
| Algeria | 311 | 0 | 46 | 61 | 0 | 0 | 0 |
| Angola | 504 | 0 | 0 | 8 | 0 | 0 | 0 |
| Ecuador | 214 | 0 | -5 | 0 | 0 | -1 | -1 |
| Indonesia | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 627 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 206 | 0 | 0 | 2 | 0 | 0 | 0 |
| Libya | 68 | 0 | 0 | 27 | 0 | 0 | 0 |
| Nigeria | 923 | 2 | 14 | 15 | 0 | 1 | 1 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 1,506 | 0 | 0 | 6 | 0 | 6 | 6 |
| United Arab Emirates | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 1,041 | 15 | 12 | 26 | 0 | 2 | 2 |
| Non OPEC | 4,308 | -29 | 112 | 619 | -12 | 137 | 125 |
| Argentina | 29 | 0 | 1 | 1 | 0 | 2 | 2 |
| Aruba | 0 | 0 | 0 | 71 | 0 | 1 | 1 |
| Australia | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 1 | 0 | -1 | -1 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 55 | 0 | 15 | 15 |
| Brazil | 231 | 1 | 0 | 1 | 0 | 1 | 1 |
| Brunei | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 10 | 0 | 0 | 3 | 0 | 0 | 0 |
| Canada | 1,903 | -33 | 129 | 4 | -8 | 0 | -8 |
| Chad | 102 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 11 | 0 | 0 | 0 | 0 | -1 | -1 |
| Colombia | 178 | 0 | 0 | 3 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 3 | 0 | 1 | 1 |
| Dominican Republic | 0 | 0 | -1 | 0 | 0 | -1 | -1 |
| Equatorial Guinea | 74 | 0 | 3 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 2 | 0 | 4 | 4 |
| France | 0 | 0 | -1 | 4 | 0 | 25 | 25 |
| Gabon | 58 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 27 | 0 | 10 | 10 |
| Guatemala | 15 | 0 | 0 | 0 | 0 | -1 | -1 |
| Honduras | 0 | 0 | -3 | 0 | 0 | -2 | -2 |
| India | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 7 | 0 | 29 | 29 |
| Japan | 0 | 0 | -2 | 0 | 0 | 0 | 0 |
| Korea, South | 0 | 0 | -2 | 0 | 0 | 9 | 9 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 1 | 0 | 11 | 11 |
| Malaysia | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| Mexico | 1,185 | 1 | -40 | 26 | -2 | -105 | -107 |
| Netherlands | 0 | 1 | 5 | 23 | 0 | 35 | 35 |
| Netherlands Antilles | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Norway | 30 | 0 | 21 | 21 | 0 | 20 | 20 |
| Oman | 17 | 0 | 0 | 1 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | -3 | -3 |
| Portugal | 0 | 0 | 0 | 1 | 0 | 2 | 2 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Russia | 113 | 1 | 0 | 200 | 0 | 10 | 10 |
| Spain | 0 | 0 | 0 | 1 | 0 | 12 | 12 |
| Sweden | 0 | 0 | 0 | 12 | 0 | 5 | 5 |
| Trinidad and Tobago | 23 | 0 | 1 | 8 | 0 | 0 | 0 |
| United Kingdom | 75 | 0 | 1 | 27 | 0 | 35 | 35 |
| Vietnam | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 50 | 0 | 30 | 30 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 189 | 0 | 0 | 56 | -2 | -7 | -9 |
| Total | 9,728 | -12 | 179 | 763 | -12 | 145 | 133 |
| Persian Gulf^b | 2,342 | 0 | 0 | 8 | 0 | 6 | 6 |

See footnotes at end of table.

Table 52. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2008 (Continued)

(Thousand Barrels per Day)

| Country of Origin | Motor Gasoline Blend. Comp. | | | Oxygenates | | | Distillate Fuel Oil ^c | | | | |
|---------------------------------|-----------------------------|--------------|------------|-------------------|------------------------------------|------------------|----------------------------------|---------------------------------------|-----------------|-----------------------|-------------|
| | Reformulated | Conventional | Total | Fuel Ethanol (FE) | Methyl Tertiary Butyl Ether (MTBE) | Other Oxygenates | 15 ppm sulfur and under | Greater than 15 ppm to 500 ppm sulfur | 501 to 2000 ppm | Greater than 2000 ppm | Total |
| OPEC | 5 | 87 | 92 | 0 | -20 | 0 | 4 | 1 | 0 | 0 | 5 |
| Algeria | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| Angola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ecuador | 0 | 5 | 5 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | -1 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 3 | 26 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 2 | 44 | 46 | 0 | -21 | 0 | 1 | 0 | 0 | 0 | 2 |
| Non OPEC | 280 | 399 | 679 | 34 | -27 | -13 | 116 | -441 | -9 | 13 | -321 |
| Argentina | 0 | 7 | 7 | 0 | 0 | 0 | 0 | -16 | 0 | 0 | -15 |
| Aruba | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 4 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahamas | 0 | 0 | 0 | 0 | 0 | -2 | 0 | -4 | -3 | 0 | -7 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 2 | 11 | 13 | 0 | 0 | 0 | 0 | -12 | 0 | 0 | -12 |
| Brazil | 0 | 2 | 3 | 13 | 0 | -1 | 0 | -13 | -1 | 0 | -14 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 115 | 12 | 127 | 0 | 0 | 0 | 72 | -18 | 8 | 8 | 69 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 0 | 1 | 1 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | -1 |
| Colombia | 0 | 1 | 1 | 0 | 0 | 0 | 0 | -14 | -3 | 1 | -17 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5 | -2 | 0 | -8 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Finland | 12 | 14 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 11 | 44 | 55 | 0 | -1 | -1 | 0 | -16 | 0 | 0 | -16 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 3 | 9 | 12 | 0 | 0 | 0 | 0 | -6 | 1 | 0 | -5 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -11 | -4 | 0 | -15 |
| Honduras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -2 | -2 | 0 | -5 |
| India | 0 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | 0 | 1 | 1 |
| Italy | 1 | 14 | 14 | 0 | 0 | 0 | 0 | -8 | -1 | 0 | -9 |
| Japan | 0 | 1 | 1 | 0 | 0 | -4 | 2 | 0 | 0 | 0 | 2 |
| Korea, South | 0 | 4 | 4 | 0 | 0 | 0 | 0 | -3 | 0 | 1 | -2 |
| Latvia | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lithuania | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mexico | 0 | 0 | 0 | 0 | -19 | 0 | 0 | -63 | -1 | 0 | -64 |
| Netherlands | 17 | 73 | 90 | 0 | -1 | 0 | 1 | -75 | -5 | 0 | -79 |
| Netherlands Antilles | 1 | 4 | 4 | 0 | -1 | 0 | 0 | -1 | 0 | 0 | -1 |
| Norway | 0 | 5 | 5 | 0 | 0 | 0 | 0 | -1 | 0 | 0 | -1 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -12 | -6 | 0 | -18 |
| Portugal | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -3 | -2 | 0 | -5 |
| Russia | 2 | 39 | 41 | 0 | 0 | 0 | 1 | 1 | 10 | 1 | 13 |
| Spain | 3 | 20 | 23 | 0 | 0 | 0 | 0 | -18 | 0 | 0 | -18 |
| Sweden | 2 | 7 | 9 | 0 | 0 | 0 | 0 | -4 | 0 | 0 | -4 |
| Trinidad and Tobago | 0 | 7 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United Kingdom | 28 | 61 | 89 | 0 | 0 | 0 | 0 | -2 | 0 | 0 | -2 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 77 | 21 | 98 | 3 | 0 | 0 | 37 | 3 | 30 | 0 | 70 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 4 | 25 | 30 | 14 | -5 | -4 | 2 | -139 | -29 | 0 | -163 |
| Total | 285 | 486 | 770 | 34 | -47 | -14 | 120 | -440 | -9 | 13 | -316 |
| Persian Gulf^b | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 52. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2008 (Continued)

(Thousand Barrels per Day)

| Country of Origin | Kerosene | Finished Aviation Gasoline | Aviation Gasoline Blend. Comp. | Kerosene-Type Jet Fuel | Special Naphthas | Residual Fuel Oil | Petrochemical Feedstocks | | Waxes |
|---------------------------------|-----------|----------------------------|--------------------------------|------------------------|------------------|-------------------|--------------------------|------------|-----------|
| | | | | | | | Naphtha | Other Oils | |
| OPEC | 0 | 0 | 0 | 20 | 3 | 25 | 20 | 109 | 0 |
| Algeria | 0 | 0 | 0 | 0 | 0 | 7 | 13 | 102 | 0 |
| Angola | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | -1 | -7 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kuwait | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Libya | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 5 | 0 |
| Nigeria | 0 | 0 | 0 | -5 | 0 | 5 | 0 | 0 | 0 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 24 | 1 | 17 | 2 | 0 | 0 |
| Non OPEC | -3 | 0 | 0 | 21 | 0 | -33 | 71 | 15 | -2 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 0 |
| Aruba | 0 | 0 | 0 | 3 | 0 | -5 | 2 | 0 | 0 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Bahamas | 0 | 0 | 0 | -1 | 0 | -12 | 0 | 0 | 0 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 1 | 5 | 1 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cameroon | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Canada | -4 | 0 | 0 | -25 | 5 | 44 | 7 | 2 | -2 |
| Chad | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| China | 0 | 0 | 0 | 0 | 0 | -4 | 0 | 0 | 2 |
| Colombia | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Republic | 0 | 0 | 0 | -1 | 0 | -2 | 0 | 0 | 0 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Estonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | -1 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Germany | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Guatemala | 0 | 0 | 0 | -1 | 0 | -5 | 0 | 0 | 0 |
| Honduras | 0 | 0 | 0 | 0 | 0 | -13 | 0 | 0 | 0 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Japan | 0 | 0 | 0 | 5 | -1 | -2 | 1 | 0 | 0 |
| Korea, South | 0 | 0 | 0 | 19 | -2 | -5 | 5 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Lithuania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Mexico | 1 | 0 | 0 | -1 | -1 | 17 | 32 | 0 | -2 |
| Netherlands | 0 | 0 | 0 | -1 | 0 | -28 | 1 | 0 | 0 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | 0 | -24 | 0 | 1 | 0 |
| Norway | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 |
| Oman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | -1 | -1 | -25 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Puerto Rico | 0 | 0 | 0 | 0 | -1 | -3 | 0 | 0 | 0 |
| Russia | 0 | 0 | 0 | 0 | 0 | 71 | 6 | 8 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 | 0 | 19 | 1 | 0 | 0 |
| United Kingdom | 0 | 0 | 0 | -7 | 0 | 5 | 1 | 0 | 0 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virgin Islands, U.S. | 0 | 0 | 0 | 37 | 3 | 17 | 1 | 1 | 0 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | -6 | -3 | -127 | 10 | -1 | 1 |
| Total | -3 | 0 | 0 | 40 | 3 | -8 | 90 | 125 | -2 |
| Persian Gulf^b | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 |

See footnotes at end of table.

Table 52. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-December 2008 (Continued)
(Thousand Barrels per Day)

| Country of Origin | Petroleum Coke | Asphalt and Road Oil | Lubricants | Misc. Products | Total Products | Total Crude Oil and Products |
|----------------------|----------------|----------------------|------------|----------------|----------------|------------------------------|
| OPEC | -2 | 1 | -3 | 0 | 484 | 5,903 |
| Algeria | 0 | 0 | 0 | 0 | 236 | 547 |
| Angola | 0 | 0 | 0 | 0 | 9 | 513 |
| Ecuador | -1 | 0 | -1 | 0 | -12 | 201 |
| Indonesia | 0 | 0 | 0 | 0 | 5 | 21 |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 |
| Iraq | 0 | 0 | 0 | 0 | 0 | 627 |
| Kuwait | 2 | 0 | 0 | 0 | 4 | 210 |
| Libya | 0 | 0 | 0 | 0 | 35 | 102 |
| Nigeria | 0 | 0 | -1 | 0 | 60 | 983 |
| Qatar | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | -1 | 0 | 0 | 0 | 25 | 1,531 |
| United Arab Emirates | 0 | 0 | -1 | 0 | -1 | 3 |
| Venezuela | -3 | 1 | 0 | 0 | 123 | 1,164 |
| Non OPEC | -371 | -2 | -40 | -7 | 829 | 5,138 |
| Argentina | 1 | 0 | -2 | 0 | 2 | 30 |
| Aruba | 0 | 0 | 0 | 0 | 76 | 76 |
| Australia | -9 | 0 | -1 | 0 | -8 | 25 |
| Bahamas | 0 | 0 | 0 | 0 | -22 | -22 |
| Bahrain | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgium | -5 | 0 | -1 | 0 | 68 | 68 |
| Brazil | -33 | 0 | -5 | 0 | -29 | 202 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 1 |
| Cameroon | 0 | 0 | 0 | 0 | 5 | 15 |
| Canada | -24 | 8 | -1 | -5 | 292 | 2,195 |
| Chad | 0 | 0 | 0 | 0 | 2 | 104 |
| China | -4 | -1 | -2 | 0 | -9 | 2 |
| Colombia | 0 | 0 | -2 | 0 | 3 | 180 |
| Denmark | -3 | 0 | 0 | 0 | 2 | 2 |
| Dominican Republic | -4 | -1 | -1 | 0 | -18 | -18 |
| Equatorial Guinea | 0 | 0 | 0 | 0 | 3 | 77 |
| Estonia | 0 | 0 | 0 | 0 | 9 | 9 |
| Finland | 0 | 0 | 0 | 0 | 32 | 32 |
| France | -7 | 0 | -1 | 0 | 61 | 61 |
| Gabon | 0 | 0 | 0 | 0 | 0 | 58 |
| Germany | -5 | 0 | -2 | 0 | 38 | 38 |
| Guatemala | 0 | 0 | -1 | 0 | -24 | -9 |
| Honduras | 0 | 0 | 0 | 0 | -23 | -23 |
| India | -9 | 0 | -1 | 0 | -5 | -5 |
| Italy | -29 | 0 | -3 | 0 | 12 | 12 |
| Japan | -47 | 0 | -1 | 0 | -48 | -48 |
| Korea, South | -3 | 0 | 8 | 0 | 30 | 30 |
| Latvia | 0 | 0 | 0 | 0 | 6 | 6 |
| Lithuania | 0 | 0 | 0 | 0 | 13 | 13 |
| Malaysia | 0 | 0 | 0 | 0 | 6 | 7 |
| Mexico | -67 | -2 | -9 | 0 | -236 | 949 |
| Netherlands | -9 | -1 | 0 | 0 | 36 | 36 |
| Netherlands Antilles | 0 | 0 | 0 | 0 | -19 | -19 |
| Norway | -3 | 0 | 0 | 0 | 68 | 98 |
| Oman | 0 | 0 | 0 | 0 | 1 | 18 |
| Panama | 0 | -1 | -1 | 0 | -50 | -50 |
| Portugal | -7 | 0 | 0 | 0 | 1 | 1 |
| Puerto Rico | 0 | -2 | -1 | 0 | -12 | -12 |
| Russia | 0 | 0 | 0 | 0 | 349 | 462 |
| Spain | -33 | 0 | 0 | 0 | -10 | -10 |
| Sweden | 0 | 0 | 0 | 0 | 24 | 24 |
| Trinidad and Tobago | 0 | 0 | -1 | 0 | 40 | 62 |
| United Kingdom | -6 | 0 | 0 | 0 | 141 | 216 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 29 |
| Virgin Islands, U.S. | 8 | 0 | 0 | 0 | 319 | 319 |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | -73 | -2 | -12 | -2 | -297 | -103 |
| Total | -373 | -1 | -42 | -7 | 1,313 | 11,041 |
| Persian Gulf | 2 | 0 | -1 | 0 | 28 | 2,371 |

^a Includes crude oil imported for storage in the Strategic Petroleum Reserve.

^b Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

^c Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

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

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-814, "Monthly Imports Report" and the U.S. Bureau of the Census.

Table 53. Stocks of Crude Oil and Petroleum Products by PAD District, December 2008
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Total |
|---|----------------|----------------|----------------|---------------|---------------|------------------|
| | 1 | 2 | 3 | 4 | 5 | |
| Crude Oil | 14,613 | 79,747 | 864,467 | 13,735 | 53,495 | 1,026,057 |
| Refinery | 13,594 | 12,097 | 39,372 | 1,950 | 19,572 | 86,585 |
| Tank Farms and Pipelines (Includes Cushing, OK) | 970 | 66,326 | 109,081 | 10,252 | 29,325 | 215,954 |
| Cushing, Oklahoma | - | 32,886 | - | - | - | - |
| Leases | 49 | 1,324 | 14,191 | 1,533 | 498 | 17,595 |
| Strategic Petroleum Reserve ^a | 0 | 0 | 701,823 | 0 | 0 | 701,823 |
| Alaskan In Transit | 0 | 0 | 0 | 0 | 4,100 | 4,100 |
| Total Stocks, All Oils (excluding Crude Oil)^b | 167,468 | 154,292 | 283,590 | 16,336 | 87,417 | 709,103 |
| Refinery | 29,392 | 45,852 | 114,933 | 10,353 | 51,738 | 252,268 |
| Bulk Terminal | 105,347 | 68,862 | 114,575 | 2,828 | 29,064 | 320,676 |
| Pipeline | 32,662 | 38,907 | 49,002 | 3,006 | 6,424 | 130,001 |
| Natural Gas Processing Plant | 67 | 671 | 5,080 | 149 | 191 | 6,158 |
| Pentanes Plus | 26 | 2,935 | 10,516 | 163 | 44 | 13,684 |
| Refinery | 0 | 518 | 381 | 20 | 0 | 919 |
| Bulk Terminal | 0 | 1,692 | 8,713 | 0 | 8 | 10,413 |
| Pipeline | 0 | 618 | 789 | 98 | 0 | 1,505 |
| Natural Gas Processing Plant | 26 | 107 | 633 | 45 | 36 | 847 |
| Liquefied Petroleum Gases | 5,594 | 30,594 | 70,965 | 1,255 | 4,816 | 113,224 |
| Refinery | 1,886 | 3,389 | 5,692 | 344 | 1,225 | 12,536 |
| Bulk Terminal | 2,512 | 18,023 | 52,384 | 20 | 3,436 | 76,375 |
| Pipeline | 1,155 | 8,618 | 8,442 | 787 | 0 | 19,002 |
| Natural Gas Processing Plant | 41 | 564 | 4,447 | 104 | 155 | 5,311 |
| Ethane/Ethylene | 0 | 3,099 | 24,110 | 409 | 0 | 27,618 |
| Refinery | 0 | 0 | 212 | 0 | 0 | 212 |
| Bulk Terminal | 0 | 1,605 | 18,549 | 0 | 0 | 20,154 |
| Ethylene | 0 | 0 | 2,179 | 0 | 0 | 2,179 |
| Pipeline | 0 | 1,358 | 3,579 | 409 | 0 | 5,346 |
| Natural Gas Processing Plant | 0 | 136 | 1,770 | 0 | 0 | 1,906 |
| Propane/Propylene | 3,423 | 18,380 | 31,333 | 403 | 1,836 | 55,375 |
| Refinery | 360 | 1,350 | 1,375 | 103 | 133 | 3,321 |
| Bulk Terminal | 2,012 | 11,280 | 25,229 | 20 | 1,676 | 40,217 |
| Nonfuel Use | 0 | 42 | 3,552 | 0 | 0 | 3,594 |
| Pipeline | 1,021 | 5,553 | 3,453 | 232 | 0 | 10,259 |
| Natural Gas Processing Plant | 30 | 197 | 1,276 | 48 | 27 | 1,578 |
| Normal Butane/Butylene | 1,798 | 6,959 | 11,517 | 314 | 2,539 | 23,127 |
| Refinery | 1,159 | 1,566 | 2,903 | 175 | 697 | 6,500 |
| Bulk Terminal | 500 | 4,073 | 6,690 | 0 | 1,754 | 13,017 |
| Refinery Grade Butane | 0 | 1,053 | 1,621 | 0 | 0 | 2,674 |
| Pipeline | 134 | 1,189 | 820 | 93 | 0 | 2,236 |
| Natural Gas Processing Plant | 5 | 131 | 1,104 | 46 | 88 | 1,374 |
| Isobutane/Isobutylene | 373 | 2,156 | 4,005 | 129 | 441 | 7,104 |
| Refinery | 367 | 473 | 1,202 | 66 | 395 | 2,503 |
| Bulk Terminal | 0 | 1,065 | 1,916 | 0 | 6 | 2,987 |
| Pipeline | 0 | 518 | 590 | 53 | 0 | 1,161 |
| Natural Gas Processing Plant | 6 | 100 | 297 | 10 | 40 | 453 |
| Other Hydrocarbons/Hydrogen/Oxygenates | 4,733 | 5,749 | 3,230 | 155 | 1,910 | 15,777 |
| Refinery | 120 | 91 | 110 | 44 | 31 | 396 |
| Bulk Terminal | 4,578 | 5,628 | 3,120 | 111 | 1,808 | 15,245 |
| Pipeline | 35 | 30 | 0 | 0 | 71 | 136 |
| Other Hydrocarbons/Hydrogen | 0 | 34 | 6 | 0 | 4 | 44 |
| Refinery | 0 | 34 | 6 | 0 | 4 | 44 |
| Fuel Ethanol | 4,731 | 5,714 | 1,713 | 155 | 1,906 | 14,219 |
| Refinery | 120 | 57 | 37 | 44 | 27 | 285 |
| Bulk Terminal ^c | 4,576 | 5,627 | 1,676 | 111 | 1,808 | 13,798 |
| Pipeline | 35 | 30 | 0 | 0 | 71 | 136 |
| MTBE | 0 | 0 | 1,455 | 0 | 0 | 1,455 |
| Refinery | 0 | 0 | 67 | 0 | 0 | 67 |
| Bulk Terminal ^d | 0 | 0 | 1,388 | 0 | 0 | 1,388 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oxygenates^e | 2 | 1 | 56 | 0 | 0 | 59 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal ^d | 2 | 1 | 56 | 0 | 0 | 59 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |

See footnotes at end of table.

Table 53. Stocks of Crude Oil and Petroleum Products by PAD District, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Total |
|--|---------------|---------------|---------------|--------------|---------------|----------------|
| | 1 | 2 | 3 | 4 | 5 | |
| Unfinished Oils | 7,081 | 12,884 | 41,257 | 2,666 | 19,531 | 83,419 |
| Naphthas and Lighter | 2,024 | 3,621 | 10,924 | 550 | 3,590 | 20,709 |
| Refinery | 1,671 | 3,496 | 10,372 | 550 | 3,358 | 19,447 |
| Bulk Terminal | 353 | 125 | 552 | 0 | 232 | 1,262 |
| Kerosene and Light Gas Oils | 779 | 2,467 | 8,046 | 557 | 3,891 | 15,740 |
| Refinery | 779 | 2,467 | 8,015 | 557 | 3,891 | 15,709 |
| Bulk Terminal | 0 | 0 | 31 | 0 | 0 | 31 |
| Heavy Gas Oils | 2,757 | 4,554 | 15,984 | 1,191 | 9,379 | 33,865 |
| Refinery | 2,752 | 4,500 | 15,163 | 1,191 | 9,192 | 32,798 |
| Bulk Terminal | 5 | 54 | 821 | 0 | 187 | 1,067 |
| Residuum | 1,521 | 2,242 | 6,303 | 368 | 2,671 | 13,105 |
| Refinery | 1,500 | 2,218 | 6,303 | 368 | 2,534 | 12,923 |
| Bulk Terminal | 21 | 24 | 0 | 0 | 137 | 182 |
| Motor Gasoline Blending Components | 37,027 | 18,701 | 34,585 | 2,168 | 22,693 | 115,174 |
| Refinery | 8,362 | 7,739 | 16,976 | 1,770 | 13,623 | 48,470 |
| Bulk Terminal | 22,860 | 5,722 | 11,022 | 288 | 6,497 | 46,389 |
| Pipeline | 5,805 | 5,240 | 6,587 | 110 | 2,573 | 20,315 |
| Reformulated | 20,570 | 5,896 | 9,765 | 0 | 12,056 | 48,287 |
| Refinery | 3,706 | 994 | 2,580 | 0 | 5,678 | 12,958 |
| Bulk Terminal | 12,669 | 3,459 | 2,786 | 0 | 4,917 | 23,831 |
| Pipeline | 4,195 | 1,443 | 4,399 | 0 | 1,461 | 11,498 |
| GTAB | 5 | 0 | 0 | 0 | 0 | 5 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal | 5 | 0 | 0 | 0 | 0 | 5 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal | 0 | 0 | 0 | 0 | 0 | 0 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 20,565 | 5,896 | 9,765 | 0 | 12,056 | 48,282 |
| Refinery | 3,706 | 994 | 2,580 | 0 | 5,678 | 12,958 |
| Bulk Terminal | 12,664 | 3,459 | 2,786 | 0 | 4,917 | 23,826 |
| Pipeline | 4,195 | 1,443 | 4,399 | 0 | 1,461 | 11,498 |
| Conventional | 16,457 | 12,805 | 24,820 | 2,168 | 10,637 | 66,887 |
| Refinery | 4,656 | 6,745 | 14,396 | 1,770 | 7,945 | 35,512 |
| Bulk Terminal | 10,191 | 2,263 | 8,236 | 288 | 1,580 | 22,558 |
| Pipeline | 1,610 | 3,797 | 2,188 | 110 | 1,112 | 8,817 |
| CBOB | 5,854 | 6,170 | 4,323 | 391 | 2,746 | 19,484 |
| Refinery | 75 | 2,000 | 1,702 | 0 | 1,018 | 4,795 |
| Bulk Terminal | 4,637 | 2,240 | 881 | 281 | 1,280 | 9,319 |
| Pipeline | 1,142 | 1,930 | 1,740 | 110 | 448 | 5,370 |
| GTAB | 911 | 0 | 0 | 0 | 19 | 930 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal | 911 | 0 | 0 | 0 | 19 | 930 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 9,692 | 6,635 | 20,497 | 1,777 | 7,872 | 46,473 |
| Refinery | 4,581 | 4,745 | 12,694 | 1,770 | 6,927 | 30,717 |
| Bulk Terminal | 4,643 | 23 | 7,355 | 7 | 281 | 12,309 |
| Pipeline | 468 | 1,867 | 448 | 0 | 664 | 3,447 |
| Aviation Gasoline Blending Components | 0 | 0 | 0 | 0 | 0 | 0 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 25,657 | 29,452 | 33,854 | 4,683 | 4,566 | 98,212 |
| Refinery | 1,777 | 4,118 | 11,017 | 2,354 | 1,379 | 20,645 |
| Bulk Terminal | 14,297 | 15,139 | 7,536 | 1,098 | 2,708 | 40,778 |
| Pipeline | 9,583 | 10,195 | 15,301 | 1,231 | 479 | 36,789 |
| Reformulated | 246 | 0 | 382 | 0 | 241 | 869 |
| Refinery | 0 | 0 | 0 | 0 | 18 | 18 |
| Bulk Terminal | 246 | 0 | 8 | 0 | 223 | 477 |
| Pipeline | 0 | 0 | 374 | 0 | 0 | 374 |
| Reformulated (Blended with Ether) | 1 | 0 | 0 | 0 | 0 | 1 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal | 1 | 0 | 0 | 0 | 0 | 1 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Blended with Alcohol) | 22 | 0 | 0 | 0 | 18 | 40 |
| Refinery | 0 | 0 | 0 | 0 | 18 | 18 |
| Bulk Terminal | 22 | 0 | 0 | 0 | 0 | 22 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 223 | 0 | 382 | 0 | 223 | 828 |
| Refinery | 0 | 0 | 0 | 0 | 0 | 0 |
| Bulk Terminal | 223 | 0 | 8 | 0 | 223 | 454 |
| Pipeline | 0 | 0 | 374 | 0 | 0 | 374 |

See footnotes at end of table.

Table 53. Stocks of Crude Oil and Petroleum Products by PAD District, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Total |
|--|---------------|---------------|---------------|--------------|---------------|----------------|
| | 1 | 2 | 3 | 4 | 5 | |
| Conventional | 25,411 | 29,452 | 33,472 | 4,683 | 4,325 | 97,343 |
| Refinery | 1,777 | 4,118 | 11,017 | 2,354 | 1,361 | 20,627 |
| Bulk Terminal | 14,051 | 15,139 | 7,528 | 1,098 | 2,485 | 40,301 |
| Pipeline | 9,583 | 10,195 | 14,927 | 1,231 | 479 | 36,415 |
| Conventional (Blended with Alcohol) | 96 | 0 | 0 | 4 | 0 | 100 |
| Refinery | 0 | 0 | 0 | 4 | 0 | 4 |
| Bulk Terminal | 96 | 0 | 0 | 0 | 0 | 96 |
| Pipeline | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional (Other) | 25,315 | 29,452 | 33,472 | 4,679 | 4,325 | 97,243 |
| Refinery | 1,777 | 4,118 | 11,017 | 2,350 | 1,361 | 20,623 |
| Bulk Terminal | 13,955 | 15,139 | 7,528 | 1,098 | 2,485 | 40,205 |
| Pipeline | 9,583 | 10,195 | 14,927 | 1,231 | 479 | 36,415 |
| Finished Aviation Gasoline | 102 | 280 | 470 | 19 | 282 | 1,153 |
| Refinery | 0 | 111 | 406 | 19 | 140 | 676 |
| Bulk Terminal | 102 | 145 | 64 | 0 | 142 | 453 |
| Pipeline | 0 | 24 | 0 | 0 | 0 | 24 |
| Kerosene-Type Jet Fuel | 8,910 | 7,199 | 12,068 | 392 | 9,645 | 38,214 |
| Refinery | 807 | 1,755 | 4,780 | 252 | 3,993 | 11,587 |
| Bulk Terminal | 3,415 | 2,391 | 3,139 | 92 | 4,577 | 13,614 |
| Pipeline | 4,688 | 3,053 | 4,149 | 48 | 1,075 | 13,013 |
| Kerosene | 1,537 | 140 | 311 | 26 | 234 | 2,248 |
| Refinery | 75 | 73 | 141 | 9 | 99 | 397 |
| Bulk Terminal | 1,284 | 67 | 170 | 0 | 122 | 1,643 |
| Pipeline | 178 | 0 | 0 | 17 | 13 | 208 |
| Distillate Fuel Oil^b | 56,759 | 32,635 | 39,621 | 2,949 | 13,919 | 145,883 |
| Refinery | 5,203 | 7,028 | 13,445 | 1,315 | 5,358 | 32,349 |
| Bulk Terminal | 40,338 | 14,488 | 12,450 | 919 | 6,417 | 74,612 |
| Pipeline | 11,218 | 11,119 | 13,726 | 715 | 2,144 | 38,922 |
| 15 ppm sulfur and Under | 18,351 | 26,178 | 25,694 | 2,534 | 10,372 | 83,129 |
| Refinery | 2,357 | 4,963 | 7,885 | 994 | 3,708 | 19,907 |
| Bulk Terminal | 12,312 | 12,405 | 8,672 | 846 | 5,016 | 39,251 |
| Pipeline | 3,682 | 8,810 | 9,137 | 694 | 1,648 | 23,971 |
| Greater than 15 ppm to 500 ppm sulfur | 8,076 | 3,999 | 7,297 | 299 | 1,730 | 21,401 |
| Refinery | 179 | 902 | 2,816 | 237 | 474 | 4,608 |
| Bulk Terminal | 5,392 | 1,449 | 2,373 | 62 | 794 | 10,070 |
| Pipeline | 2,505 | 1,648 | 2,108 | 0 | 462 | 6,723 |
| Greater than 500 ppm sulfur | 30,332 | 2,458 | 6,630 | 116 | 1,817 | 41,353 |
| Refinery | 2,667 | 1,163 | 2,744 | 84 | 1,176 | 7,834 |
| Bulk Terminal | 22,634 | 634 | 1,405 | 11 | 607 | 25,291 |
| Pipeline | 5,031 | 661 | 2,481 | 21 | 34 | 8,228 |
| Residual Fuel Oil^f | 13,261 | 1,307 | 16,442 | 280 | 4,877 | 36,167 |
| Refinery | 1,437 | 1,176 | 4,345 | 280 | 2,921 | 10,159 |
| Bulk Terminal | 11,824 | 131 | 12,097 | 0 | 1,887 | 25,939 |
| Pipeline | 0 | 0 | 0 | 0 | 69 | 69 |
| Less than 0.31% Sulfur | 3,306 | 4 | 1,759 | 19 | 224 | 5,312 |
| Refinery | 578 | 0 | 229 | 19 | 176 | 1,002 |
| Bulk Terminal | 2,728 | 4 | 1,530 | 0 | 48 | 4,310 |
| 0.31% to 1.00% Sulfur | 5,465 | 134 | 3,920 | 37 | 1,059 | 10,615 |
| Refinery | 592 | 128 | 428 | 37 | 928 | 2,113 |
| Bulk Terminal | 4,873 | 6 | 3,492 | 0 | 131 | 8,502 |
| Greater than 1.00% Percent Sulfur | 4,490 | 1,169 | 10,763 | 224 | 3,525 | 20,171 |
| Refinery | 267 | 1,048 | 3,688 | 224 | 1,817 | 7,044 |
| Bulk Terminal | 4,223 | 121 | 7,075 | 0 | 1,708 | 13,127 |
| Petrochemical Feedstocks | 495 | 489 | 1,769 | 0 | 56 | 2,809 |
| Refinery | 495 | 489 | 1,769 | 0 | 56 | 2,809 |
| Naphtha for Petrochemical Feedstock Use | 495 | 387 | 872 | 0 | 3 | 1,757 |
| Other Oils for Petrochemical Feedstock Use | 0 | 102 | 897 | 0 | 53 | 1,052 |
| Special Naphthas | 57 | 271 | 1,074 | 1 | 49 | 1,452 |
| Refinery | 19 | 189 | 923 | 1 | 49 | 1,181 |
| Bulk Terminal | 38 | 82 | 151 | 0 | 0 | 271 |

See footnotes at end of table.

Table 53. Stocks of Crude Oil and Petroleum Products by PAD District, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD Districts | | | | | U.S. Total |
|-------------------------------|----------------|----------------|------------------|---------------|----------------|------------------|
| | 1 | 2 | 3 | 4 | 5 | |
| Lubricants | 1,611 | 1,228 | 6,270 | 0 | 1,583 | 10,692 |
| Refinery | 849 | 277 | 5,284 | 0 | 1,061 | 7,471 |
| Bulk Terminal | 762 | 951 | 986 | 0 | 522 | 3,221 |
| Waxes | 175 | 18 | 242 | 0 | 0 | 435 |
| Refinery | 175 | 18 | 242 | 0 | 0 | 435 |
| Petroleum Coke | 171 | 1,118 | 6,017 | 330 | 1,160 | 8,796 |
| Refinery | 171 | 1,118 | 6,017 | 330 | 1,160 | 8,796 |
| Asphalt and Road Oil | 4,204 | 9,042 | 4,081 | 1,224 | 1,717 | 20,268 |
| Refinery | 1,294 | 4,987 | 3,225 | 930 | 1,433 | 11,869 |
| Bulk Terminal | 2,910 | 4,055 | 856 | 294 | 284 | 8,399 |
| Miscellaneous Products | 68 | 250 | 818 | 25 | 335 | 1,496 |
| Refinery | 20 | 95 | 327 | 19 | 235 | 696 |
| Bulk Terminal | 48 | 145 | 483 | 6 | 100 | 782 |
| Pipeline | 0 | 10 | 8 | 0 | 0 | 18 |
| Total Stocks, All Oils | 182,081 | 234,039 | 1,148,057 | 30,071 | 140,912 | 1,735,160 |

^a Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

^b Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

^c Includes stocks held at fuel ethanol production facilities.

^d Includes stocks held by merchant producers.

^e Includes ethyl tertiary butyl ether (ETBE), 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).

^f Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 54. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2008
(Thousand Barrels)

| PAD District and State | Motor Gasoline | | | Kerosene | Distillate Fuel Oil ^a | | | | Residual Fuel | Propane/Propylene |
|-------------------------------|----------------|--------------|---------------|--------------|----------------------------------|---------------------------------------|-----------------------------|----------------|---------------|-------------------|
| | Conventional | Reformulated | Total | | 15 ppm sulfur and Under | Greater than 15 ppm to 500 ppm sulfur | Greater than 500 ppm sulfur | Total | | |
| PAD District 1 | 15,828 | 246 | 16,074 | 1,359 | 14,669 | 5,571 | 25,301 | 45,541 | 13,261 | 2,402 |
| Connecticut | 0 | 0 | 0 | 53 | 701 | 148 | 3,017 | 3,866 | 93 | 0 |
| Delaware | 105 | 0 | 105 | 1 | 157 | 0 | 437 | 594 | 333 | 73 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 1,877 | 0 | 1,877 | 0 | 1,801 | 268 | 210 | 2,279 | 839 | 454 |
| Georgia | 1,699 | 25 | 1,724 | 17 | 947 | 317 | 251 | 1,515 | 207 | 0 |
| Maine | 374 | 0 | 374 | 84 | 473 | 98 | 1,038 | 1,609 | 239 | 0 |
| Maryland | 31 | 0 | 31 | 88 | 602 | 403 | 1,579 | 2,584 | 1,711 | 3 |
| Massachusetts | 0 | 0 | 0 | 31 | 527 | 71 | 1,952 | 2,550 | 382 | 0 |
| New Hampshire | 0 | 0 | 0 | 55 | 129 | 19 | 319 | 467 | 31 | 164 |
| New Jersey | 2,956 | 0 | 2,956 | 153 | 2,516 | 1,062 | 8,231 | 11,809 | 4,723 | 234 |
| New York | 1,447 | 22 | 1,469 | 394 | 1,427 | 1,127 | 3,328 | 5,882 | 2,392 | 37 |
| North Carolina | 1,724 | 0 | 1,724 | 109 | 744 | 624 | 68 | 1,436 | 186 | 3 |
| Pennsylvania | 3,595 | 0 | 3,595 | 162 | 2,464 | 307 | 2,923 | 5,694 | 1,113 | 440 |
| Rhode Island | 0 | 0 | 0 | 55 | 304 | 40 | 1,129 | 1,473 | 208 | 0 |
| South Carolina | 720 | 0 | 720 | 109 | 769 | 343 | 2 | 1,114 | 397 | 752 |
| Vermont | 31 | 0 | 31 | 5 | 9 | 0 | 40 | 49 | 0 | 0 |
| Virginia | 1,086 | 199 | 1,285 | 33 | 990 | 717 | 731 | 2,438 | 406 | 218 |
| West Virginia | 183 | 0 | 183 | 10 | 109 | 27 | 46 | 182 | 1 | 24 |
| PAD District 2 | 19,257 | 0 | 19,257 | 140 | 17,368 | 2,351 | 1,797 | 21,516 | 1,307 | 12,827 |
| Illinois | 1,940 | 0 | 1,940 | 36 | 2,626 | 570 | 92 | 3,288 | 361 | 717 |
| Indiana | 2,464 | 0 | 2,464 | 0 | 2,468 | 516 | 421 | 3,405 | 140 | 243 |
| Iowa | 1,090 | 0 | 1,090 | 0 | 1,113 | 32 | 2 | 1,147 | 0 | 449 |
| Kansas | 2,347 | 0 | 2,347 | 22 | 1,515 | 2 | 125 | 1,642 | 57 | 8,004 |
| Kentucky | 1,045 | 0 | 1,045 | 7 | 1,030 | 53 | 48 | 1,131 | 205 | 267 |
| Michigan | 1,772 | 0 | 1,772 | 0 | 1,098 | 66 | 75 | 1,239 | 117 | 1,879 |
| Minnesota | 1,305 | 0 | 1,305 | 0 | 1,124 | 49 | 167 | 1,340 | 133 | 190 |
| Missouri | 491 | 0 | 491 | 0 | 574 | 38 | 11 | 623 | 6 | 188 |
| Nebraska | 658 | 0 | 658 | 0 | 509 | 0 | 89 | 598 | 0 | 327 |
| North Dakota | 291 | 0 | 291 | 0 | 293 | 80 | 0 | 373 | 21 | 23 |
| Ohio | 2,724 | 0 | 2,724 | 35 | 1,860 | 273 | 413 | 2,546 | 124 | 294 |
| Oklahoma | 1,245 | 0 | 1,245 | 7 | 932 | 103 | 149 | 1,184 | 76 | 221 |
| South Dakota | 283 | 0 | 283 | 0 | 243 | 0 | 0 | 243 | 0 | 5 |
| Tennessee | 898 | 0 | 898 | 33 | 891 | 293 | 0 | 1,184 | 29 | 3 |
| Wisconsin | 704 | 0 | 704 | 0 | 1,092 | 276 | 205 | 1,573 | 38 | 17 |
| PAD District 3 | 18,545 | 8 | 18,553 | 311 | 16,557 | 5,189 | 4,149 | 25,895 | 16,442 | 27,880 |
| Alabama | 1,149 | 0 | 1,149 | 17 | 703 | 515 | 89 | 1,307 | 168 | 63 |
| Arkansas | 819 | 0 | 819 | 0 | 707 | 123 | 15 | 845 | 5 | 73 |
| Louisiana | 5,201 | 8 | 5,209 | 120 | 2,714 | 1,794 | 1,138 | 5,646 | 8,023 | 1,515 |
| Mississippi | 1,580 | 0 | 1,580 | 0 | 687 | 278 | 399 | 1,364 | 141 | 2,359 |
| New Mexico | 350 | 0 | 350 | 0 | 253 | 23 | 86 | 362 | 69 | 19 |
| Texas | 9,446 | 0 | 9,446 | 174 | 11,493 | 2,456 | 2,422 | 16,371 | 8,036 | 23,851 |
| PAD District 4 | 3,452 | 0 | 3,452 | 9 | 1,840 | 299 | 95 | 2,234 | 280 | 171 |
| Colorado | 748 | 0 | 748 | 0 | 289 | 57 | 0 | 346 | 30 | 33 |
| Idaho | 181 | 0 | 181 | 0 | 162 | 62 | 11 | 235 | 0 | 0 |
| Montana | 820 | 0 | 820 | 8 | 681 | 31 | 0 | 712 | 101 | 14 |
| Utah | 793 | 0 | 793 | 1 | 414 | 108 | 78 | 600 | 73 | 96 |
| Wyoming | 910 | 0 | 910 | 0 | 294 | 41 | 6 | 341 | 76 | 28 |
| PAD District 5 | 3,846 | 241 | 4,087 | 221 | 8,724 | 1,268 | 1,783 | 11,775 | 4,808 | 1,836 |
| Alaska | 616 | 0 | 616 | 122 | 461 | 39 | 460 | 960 | 134 | 3 |
| Arizona | 247 | 223 | 470 | 0 | 572 | 34 | 0 | 606 | 0 | 1,138 |
| California | 442 | 18 | 460 | 99 | 5,661 | 360 | 550 | 6,571 | 2,749 | 584 |
| Hawaii | 12 | 0 | 12 | 0 | 101 | 168 | 259 | 528 | 553 | 85 |
| Nevada | 102 | 0 | 102 | 0 | 86 | 7 | 0 | 93 | 0 | 0 |
| Oregon | 525 | 0 | 525 | 0 | 783 | 176 | 52 | 1,011 | 162 | 0 |
| Washington | 1,902 | 0 | 1,902 | 0 | 1,060 | 484 | 462 | 2,006 | 1,210 | 26 |
| U.S. Total^a | 60,928 | 495 | 61,423 | 2,040 | 59,158 | 14,678 | 33,125 | 106,961 | 36,098 | 45,116 |

^a Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

Notes: Stocks are reported as of the last day of the month. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-811, "Monthly Bulk Terminal Report," and EIA-816, "Monthly Natural Gas Liquids Report."

Table 55. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2008
(Thousand Barrels)

| Commodity | From 1 to | | | From 2 to | | | | From 3 to | |
|--|--------------|--------------|----------|--------------|---------------|--------------|----------|---------------|---------------|
| | 2 | 3 | 5 | 1 | 3 | 4 | 5 | 1 | 2 |
| Crude Oil | 0 | 342 | 0 | 486 | 2,216 | 1,379 | 0 | 278 | 41,039 |
| Petroleum Products | 8,684 | 961 | 0 | 3,250 | 8,326 | 1,453 | 0 | 95,196 | 33,936 |
| Pentanes Plus | 0 | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 1,116 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 1,813 | 4,742 | 0 | 0 | 2,732 | 7,726 |
| Unfinished Oils | 26 | 952 | 0 | 0 | 142 | 0 | 0 | 0 | 858 |
| Motor Gasoline Blending Components | 220 | 0 | 0 | 483 | 499 | 117 | 0 | 18,520 | 5,449 |
| Reformulated | 0 | 0 | 0 | 480 | 461 | 0 | 0 | 8,022 | 2,592 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 0 | 0 | 480 | 461 | 0 | 0 | 8,022 | 2,592 |
| Conventional | 220 | 0 | 0 | 3 | 38 | 117 | 0 | 10,498 | 2,857 |
| CBOB for Blending with Alcohol | 220 | 0 | 0 | 0 | 0 | 117 | 0 | 10,297 | 642 |
| GTAB | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 201 | 2,215 |
| Finished Motor Gasoline | 5,320 | 0 | 0 | 451 | 873 | 377 | 0 | 33,123 | 7,747 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 5,320 | 0 | 0 | 451 | 873 | 377 | 0 | 33,123 | 7,747 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 5,320 | 0 | 0 | 451 | 873 | 377 | 0 | 33,123 | 7,747 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 | 18 |
| Kerosene-Type Jet Fuel | 227 | 0 | 0 | 51 | 12 | 430 | 0 | 12,554 | 2,102 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Distillate Fuel Oil | 2,855 | 0 | 0 | 319 | 1,259 | 529 | 0 | 26,629 | 7,674 |
| 15 ppm sulfur and Under | 1,843 | 0 | 0 | 256 | 642 | 529 | 0 | 14,198 | 6,148 |
| Greater than 15 ppm to 500 ppm sulfur | 685 | 0 | 0 | 0 | 617 | 0 | 0 | 3,554 | 1,526 |
| Greater than 500 ppm sulfur | 327 | 0 | 0 | 63 | 0 | 0 | 0 | 8,877 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 404 | 0 | 0 | 422 | 0 |
| Petrochemical Feedstocks | 36 | 0 | 0 | 0 | 116 | 0 | 0 | 108 | 415 |
| Naphtha for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 116 | 0 | 0 | 108 | 366 |
| Other Oils for Petrochemical Feedstock Use | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 35 |
| Lubricants | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 520 | 346 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 133 | 203 | 0 | 0 | 498 | 397 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Total | 8,684 | 1,303 | 0 | 3,736 | 10,542 | 2,832 | 0 | 95,474 | 74,975 |

See footnotes at end of table.

Table 55. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2008 (Continued)
(Thousand Barrels)

| Commodity | From 3 to | | From 4 to | | | From 5 to | | | |
|--|------------|--------------|--------------|--------------|--------------|-----------|----------|------------|----------|
| | 4 | 5 | 2 | 3 | 5 | 1 | 2 | 3 | 4 |
| Crude Oil | 0 | 0 | 5,726 | 223 | 0 | 0 | 0 | 0 | 0 |
| Petroleum Products | 813 | 4,952 | 2,550 | 4,412 | 1,205 | 0 | 0 | 123 | 0 |
| Pentanes Plus | 0 | 0 | 167 | 599 | 0 | 0 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 116 | 0 | 1,353 | 3,813 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 3,484 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 2,576 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 2,576 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 0 | 908 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CBOB for Blending with Alcohol | 0 | 908 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 442 | 326 | 643 | 0 | 934 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 442 | 326 | 643 | 0 | 934 | 0 | 0 | 0 | 0 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 442 | 326 | 643 | 0 | 934 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 142 | 198 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 113 | 914 | 335 | 0 | 271 | 0 | 0 | 0 | 0 |
| 15 ppm sulfur and Under | 113 | 837 | 335 | 0 | 271 | 0 | 0 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 500 ppm sulfur | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks ^a | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Naphtha for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 123 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 813 | 4,952 | 8,276 | 4,635 | 1,205 | 0 | 0 | 123 | 0 |

Source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

Table 56. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2008
(Thousand Barrels)

| Commodity | From 1 to | | From 2 to | | | From 3 to | |
|---------------------------------------|--------------|------------|--------------|--------------|--------------|---------------|---------------|
| | 2 | 3 | 1 | 3 | 4 | 1 | 2 |
| Crude Oil | 0 | 342 | 212 | 1,661 | 1,379 | 278 | 41,039 |
| Petroleum Products | 8,563 | 0 | 1,995 | 6,496 | 1,453 | 77,557 | 29,861 |
| Pentanes Plus | 0 | 0 | 0 | 76 | 0 | 0 | 1,116 |
| Liquefied Petroleum Gases | 0 | 0 | 1,813 | 4,742 | 0 | 2,659 | 7,726 |
| Motor Gasoline Blending Components | 220 | 0 | 3 | 469 | 117 | 12,993 | 5,078 |
| Reformulated | 0 | 0 | 0 | 461 | 0 | 8,022 | 2,592 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 0 | 0 | 461 | 0 | 8,022 | 2,592 |
| Conventional | 220 | 0 | 3 | 8 | 117 | 4,971 | 2,486 |
| CBOB for Blending with Alcohol | 220 | 0 | 0 | 0 | 117 | 4,879 | 642 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 8 | 0 | 92 | 1,844 |
| Finished Motor Gasoline | 5,320 | 0 | 0 | 793 | 377 | 28,089 | 7,219 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 5,320 | 0 | 0 | 793 | 377 | 28,089 | 7,219 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 5,320 | 0 | 0 | 793 | 377 | 28,089 | 7,219 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Kerosene-Type Jet Fuel | 227 | 0 | 51 | 12 | 430 | 10,103 | 1,884 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 2,796 | 0 | 128 | 404 | 529 | 23,713 | 6,820 |
| 15 ppm sulfur and Under | 1,831 | 0 | 128 | 404 | 529 | 11,598 | 5,867 |
| Greater than 15 ppm to 500 ppm sulfur | 685 | 0 | 0 | 0 | 0 | 3,253 | 953 |
| Greater than 500 ppm sulfur | 280 | 0 | 0 | 0 | 0 | 8,862 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,563 | 342 | 2,207 | 8,157 | 2,832 | 77,835 | 70,900 |

| Commodity | From 3 to | | From 4 to | | | From 5 to | |
|---------------------------------------|------------|--------------|--------------|--------------|--------------|-----------|----------|
| | 4 | 5 | 2 | 3 | 5 | 3 | 4 |
| Crude Oil | 0 | 0 | 5,726 | 223 | 0 | 0 | 0 |
| Petroleum Products | 813 | 4,845 | 2,550 | 4,412 | 1,205 | 0 | 0 |
| Pentanes Plus | 0 | 0 | 167 | 599 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 116 | 0 | 1,353 | 3,813 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 3,484 | 0 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 2,576 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 2,576 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 0 | 908 | 0 | 0 | 0 | 0 | 0 |
| CBOB for Blending with Alcohol | 0 | 908 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 442 | 326 | 643 | 0 | 934 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 442 | 326 | 643 | 0 | 934 | 0 | 0 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 442 | 326 | 643 | 0 | 934 | 0 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 142 | 198 | 24 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 113 | 837 | 335 | 0 | 271 | 0 | 0 |
| 15 ppm sulfur and Under | 113 | 837 | 335 | 0 | 271 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 500 ppm sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 813 | 4,845 | 8,276 | 4,635 | 1,205 | 0 | 0 |

Source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report"

**Table 57. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between
PAD Districts, December 2008
(Thousand Barrels)**

| Commodity | From 1 to | | | From 2 to | | | From 3 to | |
|--|------------|------------|----------|--------------|--------------|----------|---------------|----------------|
| | 2 | 3 | 5 | 1 | 3 | 5 | 1 | New England |
| Crude Oil | 0 | 0 | 0 | 274 | 555 | 0 | 0 | 0 |
| Petroleum Products | 121 | 961 | 0 | 1,255 | 1,830 | 0 | 17,639 | 346 |
| Liquefied Petroleum Gases | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 0 |
| Unfinished Oils | 26 | 952 | 0 | 0 | 142 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 0 | 0 | 0 | 480 | 30 | 0 | 5,527 | 0 |
| Reformulated | 0 | 0 | 0 | 480 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 0 | 0 | 480 | 0 | 0 | 0 | 0 |
| Conventional | 0 | 0 | 0 | 0 | 30 | 0 | 5,527 | 0 |
| CBOB for Blending with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 5,418 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 30 | 0 | 109 | 0 |
| Finished Motor Gasoline | 0 | 0 | 0 | 451 | 80 | 0 | 5,034 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 0 | 0 | 0 | 451 | 80 | 0 | 5,034 | 0 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 0 | 0 | 0 | 451 | 80 | 0 | 5,034 | 0 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 | 86 | 26 |
| Kerosene-Type Jet Fuel | 0 | 0 | 0 | 0 | 0 | 0 | 2,451 | 0 |
| Kerosene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 59 | 0 | 0 | 191 | 855 | 0 | 2,916 | 240 |
| 15 ppm sulfur and Under | 12 | 0 | 0 | 128 | 238 | 0 | 2,600 | 25 |
| Greater than 15 ppm to 500 ppm sulfur | 0 | 0 | 0 | 0 | 617 | 0 | 301 | 200 |
| Greater than 500 ppm sulfur | 47 | 0 | 0 | 63 | 0 | 0 | 15 | 15 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 404 | 0 | 422 | 0 |
| Less than 0.31 percent sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 1.00 percent sulfur | 0 | 0 | 0 | 0 | 404 | 0 | 422 | 0 |
| Petrochemical Feedstocks | 36 | 0 | 0 | 0 | 116 | 0 | 108 | 0 |
| Naphtha for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 116 | 0 | 108 | 0 |
| Other Oils for Petrochemical Feedstock Use | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Lubricants | 0 | 9 | 0 | 0 | 0 | 0 | 520 | 0 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 133 | 203 | 0 | 498 | 80 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 121 | 961 | 0 | 1,529 | 2,385 | 0 | 17,639 | 346 |

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 2008 (Continued)
(Thousand Barrels)

| Commodity | From 3 to | | | | From 5 to | | |
|--|------------------|----------------|--------------|------------|-----------|----------|------------|
| | Central Atlantic | Lower Atlantic | 2 | 5 | 1 | 2 | 3 |
| Crude Oil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Petroleum Products | 836 | 16,457 | 4,075 | 107 | 0 | 0 | 123 |
| Liquefied Petroleum Gases | 0 | 73 | 0 | 0 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 858 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 49 | 5,478 | 371 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 49 | 5,478 | 371 | 0 | 0 | 0 | 0 |
| CBOB for Blending with Alcohol | 0 | 5,418 | 0 | 0 | 0 | 0 | 0 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 49 | 60 | 371 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 0 | 5,034 | 528 | 0 | 0 | 0 | 0 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 0 | 5,034 | 528 | 0 | 0 | 0 | 0 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 0 | 5,034 | 528 | 0 | 0 | 0 | 0 |
| Finished Aviation Gasoline | 11 | 49 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 0 | 2,451 | 218 | 0 | 0 | 0 | 0 |
| Kerosene | 0 | 0 | 50 | 0 | 0 | 0 | 0 |
| Distillate Fuel Oil | 199 | 2,477 | 854 | 77 | 0 | 0 | 0 |
| 15 ppm sulfur and Under | 126 | 2,449 | 281 | 0 | 0 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur | 73 | 28 | 573 | 0 | 0 | 0 | 0 |
| Greater than 500 ppm sulfur | 0 | 0 | 0 | 77 | 0 | 0 | 0 |
| Residual Fuel Oil | 0 | 422 | 0 | 0 | 0 | 0 | 0 |
| Less than 0.31 to percent sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.31 to 1.00 percent sulfur | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 1.00 percent sulfur | 0 | 422 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks | 0 | 108 | 415 | 0 | 0 | 0 | 0 |
| Naphtha for Petrochemical Feedstock Use | 0 | 108 | 366 | 0 | 0 | 0 | 0 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 49 | 0 | 0 | 0 | 0 |
| Special Naphthas | 4 | 0 | 35 | 0 | 0 | 0 | 0 |
| Lubricants | 381 | 139 | 346 | 30 | 0 | 0 | 123 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 192 | 226 | 397 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Total | 836 | 16,457 | 4,075 | 107 | 0 | 0 | 123 |

Source: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movement Report."

Table 58. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2008
(Thousand Barrels)

| Commodity | PAD District 1 | | | PAD District 2 | | | PAD District 3 | | |
|--|----------------|--------------|---------------|----------------|---------------|---------------|----------------|----------------|-----------------|
| | Receipts | Shipments | Net | Receipts | Shipments | Net | Receipts | Shipments | Net |
| Crude Oil | 764 | 342 | 422 | 46,765 | 4,081 | 42,684 | 2,781 | 41,317 | -38,536 |
| Petroleum Products | 98,446 | 9,645 | 88,801 | 45,170 | 13,029 | 32,141 | 13,822 | 134,897 | -121,075 |
| Pentanes Plus | 0 | 0 | 0 | 1,283 | 76 | 1,207 | 675 | 1,116 | -441 |
| Liquefied Petroleum Gases | 4,545 | 0 | 4,545 | 9,079 | 6,555 | 2,524 | 8,555 | 10,574 | -2,019 |
| Ethane/Ethylene | 0 | 0 | 0 | 1,545 | 2,564 | -1,019 | 4,751 | 816 | 3,935 |
| Propane/Propylene | 4,331 | 0 | 4,331 | 5,722 | 2,634 | 3,088 | 1,999 | 8,209 | -6,210 |
| Normal Butane/Butylene | 161 | 0 | 161 | 901 | 1,160 | -259 | 1,365 | 742 | 623 |
| Isobutane/Isobutylene | 53 | 0 | 53 | 911 | 197 | 714 | 440 | 807 | -367 |
| Unfinished Oils | 0 | 978 | -978 | 884 | 142 | 742 | 1,094 | 858 | 236 |
| Motor Gasoline Blending Components | 19,003 | 220 | 18,783 | 5,669 | 1,099 | 4,570 | 499 | 27,453 | -26,954 |
| Reformulated | 8,502 | 0 | 8,502 | 2,592 | 941 | 1,651 | 461 | 13,190 | -12,729 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 8,502 | 0 | 8,502 | 2,592 | 941 | 1,651 | 461 | 13,190 | -12,729 |
| Conventional | 10,501 | 220 | 10,281 | 3,077 | 158 | 2,919 | 38 | 14,263 | -14,225 |
| CBOB for Blending with Alcohol | 10,297 | 220 | 10,077 | 862 | 117 | 745 | 0 | 11,847 | -11,847 |
| GTAB | 3 | 0 | 3 | 0 | 3 | -3 | 0 | 0 | 0 |
| Other | 201 | 0 | 201 | 2,215 | 38 | 2,177 | 38 | 2,416 | -2,378 |
| Finished Motor Gasoline | 33,574 | 5,320 | 28,254 | 13,710 | 1,701 | 12,009 | 873 | 41,638 | -40,765 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 33,574 | 5,320 | 28,254 | 13,710 | 1,701 | 12,009 | 873 | 41,638 | -40,765 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 33,574 | 5,320 | 28,254 | 13,710 | 1,701 | 12,009 | 873 | 41,638 | -40,765 |
| Finished Aviation Gasoline | 86 | 0 | 86 | 18 | 0 | 18 | 0 | 104 | -104 |
| Kerosene-Type Jet Fuel | 12,605 | 227 | 12,378 | 2,353 | 493 | 1,860 | 12 | 14,996 | -14,984 |
| Kerosene | 0 | 0 | 0 | 78 | 0 | 78 | 0 | 50 | -50 |
| Distillate Fuel Oil | 26,948 | 2,855 | 24,093 | 10,864 | 2,107 | 8,757 | 1,259 | 35,330 | -34,071 |
| 15 ppm sulfur and Under | 14,454 | 1,843 | 12,611 | 8,326 | 1,427 | 6,899 | 642 | 21,296 | -20,654 |
| Greater than 15 ppm to 500 ppm sulfur | 3,554 | 685 | 2,869 | 2,211 | 617 | 1,594 | 617 | 5,080 | -4,463 |
| Greater than 500 ppm sulfur | 8,940 | 327 | 8,613 | 327 | 63 | 264 | 0 | 8,954 | -8,954 |
| Residual Fuel Oil | 422 | 0 | 422 | 0 | 404 | -404 | 404 | 422 | -18 |
| Petrochemical Feedstocks | 108 | 36 | 72 | 451 | 116 | 335 | 116 | 523 | -407 |
| Naphtha for Petrochemical Feedstock Use | 108 | 0 | 108 | 366 | 116 | 250 | 116 | 474 | -358 |
| Other Oils for Petrochemical Feedstock Use | 0 | 36 | -36 | 85 | 0 | 85 | 0 | 49 | -49 |
| Special Naphthas | 4 | 0 | 4 | 35 | 0 | 35 | 0 | 39 | -39 |
| Lubricants | 520 | 9 | 511 | 346 | 0 | 346 | 132 | 896 | -764 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 631 | 0 | 631 | 397 | 336 | 61 | 203 | 895 | -692 |
| Miscellaneous Products | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 3 | -3 |
| Total | 99,210 | 9,987 | 89,223 | 91,935 | 17,110 | 74,825 | 16,603 | 176,214 | -159,611 |

See footnotes at end of table.

Table 58. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, December 2008 (Continued)
(Thousand Barrels)

| Commodity | PAD District 4 | | | PAD District 5 | | |
|--|----------------|---------------|----------------|----------------|------------|--------------|
| | Receipts | Shipments | Net Receipts | Receipts | Shipments | Net Receipts |
| Crude Oil | 1,379 | 5,949 | -4,570 | 0 | 0 | 0 |
| Petroleum Products | 2,266 | 8,167 | -5,901 | 6,157 | 123 | 6,034 |
| Pentanes Plus | 0 | 766 | -766 | 0 | 0 | 0 |
| Liquefied Petroleum Gases | 116 | 5,166 | -5,050 | 0 | 0 | 0 |
| Ethane/Ethylene | 0 | 2,916 | -2,916 | 0 | 0 | 0 |
| Propane/Propylene | 113 | 1,322 | -1,209 | 0 | 0 | 0 |
| Normal Butane/Butylene | 3 | 528 | -525 | 0 | 0 | 0 |
| Isobutane/Isobutylene | 0 | 400 | -400 | 0 | 0 | 0 |
| Unfinished Oils | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Gasoline Blending Components | 117 | 0 | 117 | 3,484 | 0 | 3,484 |
| Reformulated | 0 | 0 | 0 | 2,576 | 0 | 2,576 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Ether | 0 | 0 | 0 | 0 | 0 | 0 |
| RBOB for Blending with Alcohol | 0 | 0 | 0 | 2,576 | 0 | 2,576 |
| Conventional | 117 | 0 | 117 | 908 | 0 | 908 |
| CBOB for Blending with Alcohol | 117 | 0 | 117 | 908 | 0 | 908 |
| GTAB | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 |
| Finished Motor Gasoline | 819 | 1,577 | -758 | 1,260 | 0 | 1,260 |
| Reformulated | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Ether | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 |
| Reformulated (Non-Oxygenated) | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional | 819 | 1,577 | -758 | 1,260 | 0 | 1,260 |
| Conventional Blended with Alcohol | 0 | 0 | 0 | 0 | 0 | 0 |
| Conventional Other | 819 | 1,577 | -758 | 1,260 | 0 | 1,260 |
| Finished Aviation Gasoline | 0 | 0 | 0 | 0 | 0 | 0 |
| Kerosene-Type Jet Fuel | 572 | 24 | 548 | 198 | 0 | 198 |
| Kerosene | 0 | 28 | -28 | 0 | 0 | 0 |
| Distillate Fuel Oil | 642 | 606 | 36 | 1,185 | 0 | 1,185 |
| 15 ppm sulfur and Under | 642 | 606 | 36 | 1,108 | 0 | 1,108 |
| Greater than 15 ppm to 500 ppm sulfur | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater than 500 ppm sulfur | 0 | 0 | 0 | 77 | 0 | 77 |
| Residual Fuel Oil | 0 | 0 | 0 | 0 | 0 | 0 |
| Petrochemical Feedstocks | 0 | 0 | 0 | 0 | 0 | 0 |
| Naphtha for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Oils for Petrochemical Feedstock Use | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Naphthas | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubricants | 0 | 0 | 0 | 30 | 123 | -93 |
| Waxes | 0 | 0 | 0 | 0 | 0 | 0 |
| Asphalt and Road Oil | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous Products | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 3,645 | 14,116 | -10,471 | 6,157 | 123 | 6,034 |

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," and EIA-817, "Monthly Tanker and Barge Movement Report."

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

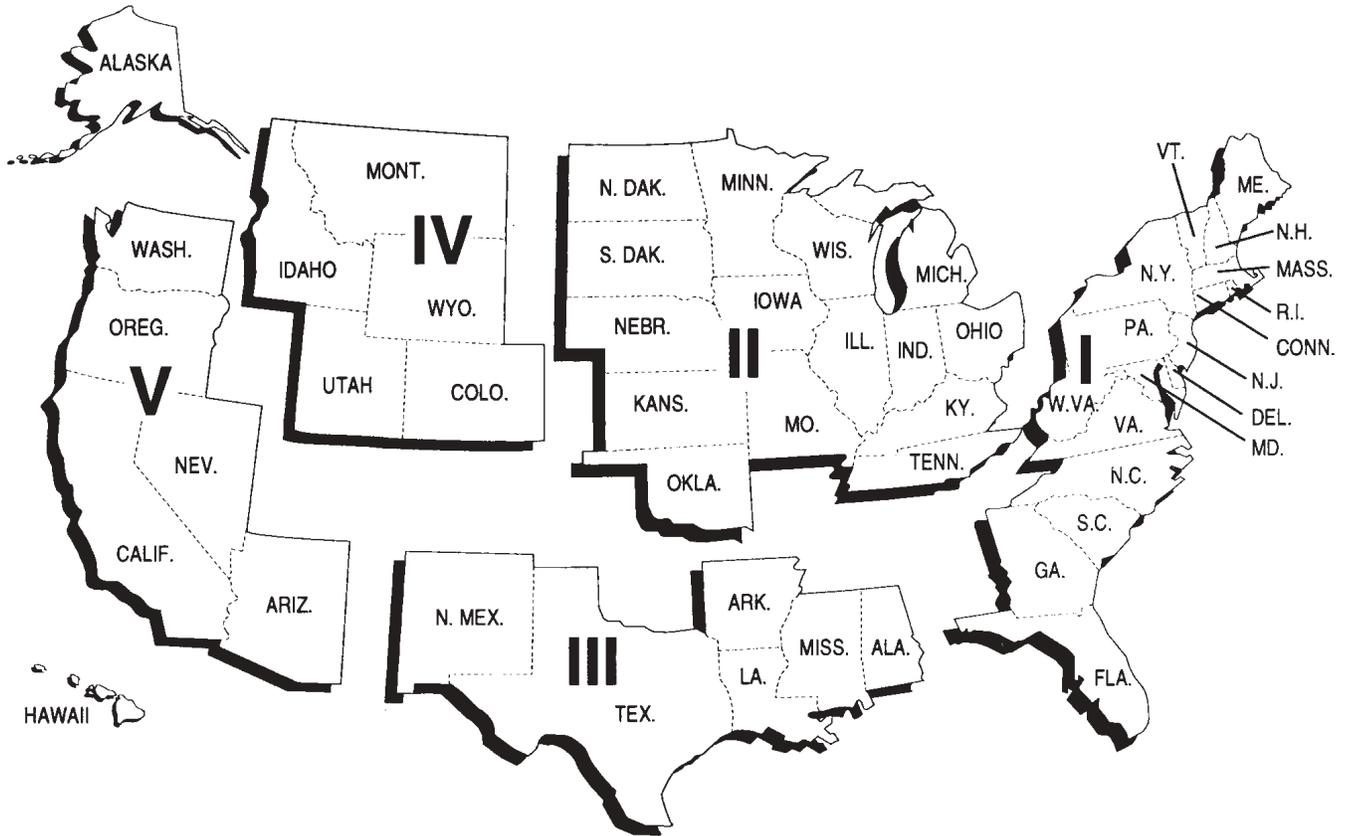
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

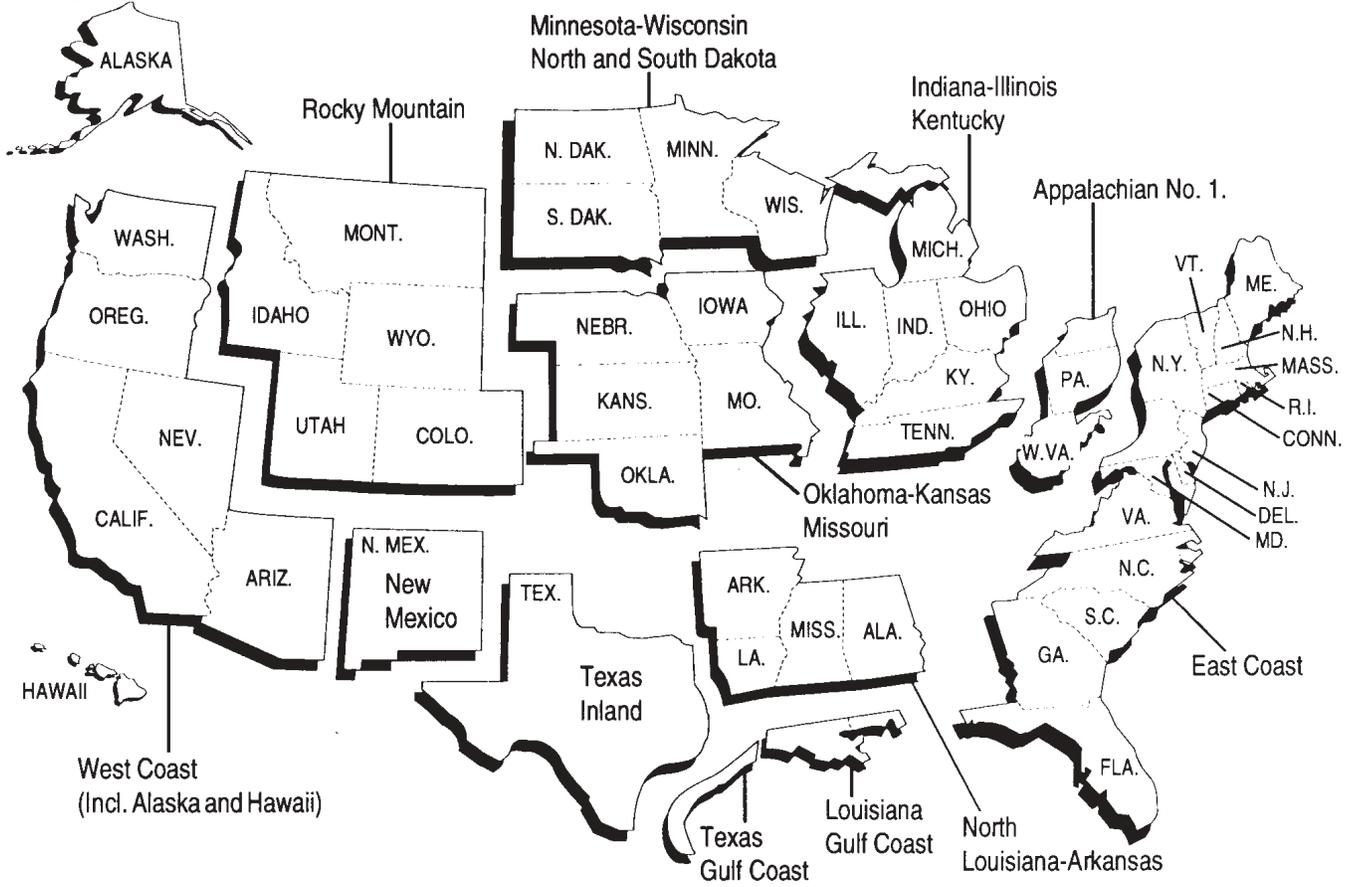
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



Explanatory Notes

The following Explanatory Notes are provided to assist in understanding and interpreting the data presented in the Detailed Statistics section of this publication.

- Note 1. Petroleum Supply Reporting System
- Note 2. Monthly Petroleum Supply Reporting System
- Note 3. Technical Notes for Detailed Statistics Tables
- Note 4. Domestic Crude Oil Production
- Note 5. Export Data
- Note 6. Quality Control and Data Revision
- Note 7. Frames Maintenance
- Note 8. 2004 Changes in the Petroleum Supply Monthly
- Note 9. EIA-820: Annual Refinery Report

Note 1. Petroleum Supply Reporting System

The Petroleum Supply Reporting System (PSRS) represents a family of data collection survey forms, data processing systems, and publication systems that have been consolidated to achieve comparability and consistency throughout. The survey forms that comprise the PSRS are listed below:

| <u>Form Number</u> | <u>Name</u> |
|--------------------|--|
| EIA-800 | “Weekly Refinery Report” |
| EIA-801 | “Weekly Bulk Terminal Report” |
| EIA-802 | “Weekly Product Pipeline Report” |
| EIA-803 | “Weekly Crude Oil Stocks Report” |
| EIA-804 | “Weekly Imports Report” |
| EIA-805 | “Weekly Terminal Blenders Report” |
| EIA-810 | “Monthly Refinery Report” |
| EIA-811 | “Monthly Bulk Terminal Report” |
| EIA-812 | “Monthly Product Pipeline Report” |
| EIA-813 | “Monthly Crude Oil Report” |
| EIA-814 | “Monthly Imports Report” |
| EIA-815 | “Monthly Terminal Blenders Report” |
| EIA-816 | “Monthly Natural Gas Liquids Report” |
| EIA-817 | “Monthly Tanker and Barge Movement Report” |
| EIA-819 | “Monthly Oxygenate Report” |
| EIA-820 | “Annual Refinery Report” |

Forms EIA-800 through 805 comprise the Weekly Petroleum Supply Reporting System (WPSRS). A sample of all petroleum companies report weekly data to the Energy Information Administration (EIA) on crude oil and petroleum product stocks, refinery inputs and production, and crude oil and petroleum product imports. The sample of companies that report weekly is selected from the universe of companies that report on the comparable monthly surveys. Data collected from the WPSRS are used to develop estimates of the most current monthly quantities in the Summary Statistics section of the *Petroleum Supply Monthly* (PSM) and which appear in the *Weekly Petroleum Status Report* (WPSR).

Forms EIA-810 through 817, and 819 comprise the Monthly Petroleum Supply Reporting System (MPSRS). These surveys are used to collect detailed refinery/blender, natural gas plant, and oxygenate operations data; refinery/blender, bulk terminal, natural gas plant, oxygenate producers and pipeline stocks data; crude oil and petroleum product imports data; and data on movements of petroleum products and crude oil between Petroleum Administration for Defense (PAD) Districts. A description of the MPSRS forms follows in Explanatory Note 2.

Data from these surveys are published in preliminary form in the *PSM*. They are published in final form in the *Petroleum Supply Annual* (PSA).

Summary information on the revision error between preliminary and final data is published once a year in the *PSM* feature article entitled, “Accuracy of Petroleum Supply Data.” The last article was published in the October 2005 issue and evaluated the accuracy of the data for the current year compared with the previous year.

The Form EIA-820, “Annual Refinery Report,” is used to collect data on the consumption of purchased steam, electricity, coal, and natural gas; refinery receipts of crude oil by method of transportation; operable capacity for atmospheric crude oil distillation units and downstream units; and production capacity and storage capacity for crude oil and petroleum products. This survey is the primary source of data in the Refinery Capacity tables.

Note 2. Monthly Petroleum Supply Reporting System

The Monthly Petroleum Supply Reporting System (MPSRS) was implemented in January 1983 as the result of an extensive effort by the Energy Information Administration (EIA) to integrate the collection and processing of petroleum supply data that had been

collected on other survey forms for many years. The collection of monthly petroleum supply statistics began as early as 1918 when the U.S. Bureau of Mines began collecting data on refinery operations, crude oil stocks and movements. The collection systems were further expanded in 1925 to include natural gas plant liquids production and storage, imports of crude oil and petroleum products and storage and movement of petroleum products in 1959, and tanker and barge movements of crude oil and petroleum products in 1964. Since their inception, each survey has undergone numerous changes, but the MPSRS was the first effort to make them all consistent and comparable. The forms that comprise the MPSRS are:

| <u>Form Number</u> | <u>Name</u> |
|--------------------|--|
| EIA-810 | “Monthly Refinery Report” |
| EIA-811 | “Monthly Bulk Terminal Report” |
| EIA-812 | “Monthly Product Pipeline Report” |
| EIA-813 | “Monthly Crude Oil Report” |
| EIA-814 | “Monthly Imports Report” |
| EIA-815 | “Monthly Terminal Blenders Report” |
| EIA-816 | “Monthly Natural Gas Liquids Report” |
| EIA-817 | “Monthly Tanker and Barge Movement Report” |
| EIA-819 | “Monthly Oxygenate Report” |

Respondent Frame

Form EIA-810, “Monthly Refinery Report” - Operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions. There are approximately 156 respondents on the Form EIA-810.

Form EIA-811, “Monthly Bulk Terminal Report” - Every bulk terminal operating company located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and other U.S. possessions. A bulk terminal is primarily used for storage and/or marketing of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included. Approximately 228 respondents report on the Form EIA-811.

Form EIA-812, “Monthly Product Pipeline Report” - All product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia. Approximately 72 respondents report on the Form EIA-812.

Form EIA-813, “Monthly Crude Oil Report” - All companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water

in the 50 States and the District of Columbia. Approximately 141 respondents report on the Form EIA-813.

Form EIA-814, “Monthly Imports Report” - All companies, including subsidiary or affiliated companies, that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia and must be reported. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity. Approximately 257 respondents report on the Form EIA-814.

Form EIA-815, “Monthly Terminal Blenders Report” - All storage terminals which produce finished motor gasoline through the blending of various motor gasoline blending components, natural gas liquids, and oxygenates. Approximately 280 respondents report on the Form EIA-815.

Form EIA-816, “Monthly Natural Gas Liquids Report” - Operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator). Approximately 398 respondents report on the Form EIA-816.

Form EIA-817, “Monthly Tanker and Barge Movement Report” - All companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense (PAD) Districts or between the Panama Canal and the United States. For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts or between the Panama Canal and the United States are considered to have custody. Approximately 40 respondents report on the Form EIA-817.

Form EIA-819, “Monthly Oxygenate Report” - All operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants), fuel ethanol plants, petrochemical plants, and refineries that produce oxygenates as part of their operations. Approximately 93 respondents report on the Form EIA-819.

Description of Survey Forms

The Form EIA-810, “Monthly Refinery Report,” is used to collect data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and

production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products.

The Form EIA-811, "Monthly Bulk Terminal Report," is used to collect data on end-of-month stock levels of finished petroleum products by State in the custody of the bulk terminal regardless of ownership. All domestic and foreign ending stocks held at bulk terminals and in-transit thereto, except those in-transit by pipeline are included. Petroleum products in-transit by pipeline are reported by pipeline operators on Form EIA-812, "Monthly Product Pipeline Report."

The Form EIA-812, "Monthly Product Pipeline Report," is used to collect data on end-of-month stock levels and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included.

The Form EIA-813, "Monthly Crude Oil Report," is used to collect data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis.

Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks.

Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included.

The Form EIA-814, "Monthly Imports Report," is used to collect data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, other hydrocarbons/hydrogen/oxygenates and blending components only.

The Form EIA-815, "Monthly Terminal Blenders Report," is used to collect data on blending of natural gas liquids, oxygenates, finished motor gasoline and motor gasoline blending components, and production of finished motor gasoline.

The Form EIA-816, "Monthly Natural Gas Liquids Report," is used to collect data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, "Monthly Tanker and Barge Movement Report," is used to collect data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, "Monthly Oxygenate Report," is used to collect data on production and stocks of oxygenates. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Data are reported on a PAD District basis.

Collection Methods

Survey forms for the MPSRS can be submitted by mail, facsimile, or electronic transmission. Completed forms are required to be postmarked by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline.

Response Rate

The response rate is generally 98 to 100 percent. Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

Data Imputation

Imputation is performed for companies that fail to file Forms EIA-810 through 813, 815, 816, and 819. For such companies, previous monthly values and values reported on the weekly survey forms are used.

Data for nonrespondents on the Forms EIA-814 and 817 are not imputed because these data series, by respondent, are highly variable.

Confidentiality

The information reported on these forms will be kept confidential and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the DOE regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Energy Information Administration (EIA) will protect your information in accordance with its confidentiality and security policies and procedures.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on these forms may also be made available, upon request, to another component of the Department of Energy (DOE), to any Committee of Congress, the General Accounting Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Disclosure limitation procedures are not applied to the statistical data published from these surveys information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

Note 3. Technical Notes for Detailed Statistics Tables

The detailed statistics tables in the *Petroleum Supply Monthly* (PSM) provide complete supply and demand information for the current year. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District summary data at the front followed by tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following technical notes are provided. Column and row headings are defined in the Glossary.

Supply

Field Production - Field production is the sum of crude oil production, natural gas plant liquids production, and other liquids production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to Explanatory Note 4 for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs) in this column.

Other liquids field production is calculated by forcing the product supplied to be zero; thereby backing into field production.

Refinery and Blenders Production - Published production of these products equal refinery and motor gasoline terminal blenders production minus refinery and motor gasoline terminal blenders input. Production of other hydrocarbons, hydrogen and oxygenates, unfinished oils, and motor and aviation gasoline blending components appear on a net basis under "Refinery and Motor Gasoline Terminal Blenders Input." Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

Adjustments - This column provides adjustments for crude oil, motor gasoline blending components, fuel ethanol, finished motor gasoline, and distillate fuel oil. Some of the adjustments balance supply and disposition. Supply at the U.S. level is equal to the sum of field production, refinery production, and imports. Disposition at the U.S. level is equal to the sum of stock change, refinery input, exports, and demand measured as product supplied. Add net receipts as a component of supply at the PAD District level. Applicable components of supply and disposition vary depending on the product or products involved in each adjustment.

- The crude oil adjustment is a balancing item equal to the difference between crude oil supply and disposition. A positive crude oil adjustment indicates crude oil disposition exceeded available supply. Undercounting crude oil imports is one example of a typical cause of crude oil adjustments. The crude oil adjustment was formerly called unaccounted-for crude oil. The change was effective with data for January 2005.
- The motor gasoline blending components adjustment transfers the imbalance between supply and disposition of motor gasoline blending components to product supplied of finished motor gasoline. Product supplied (demand) for motor gasoline blending components is set equal to zero. A negative value for the motor gasoline blending components adjustment indicates understatement of finished gasoline production from gasoline blending (i.e. the volume of motor gasoline blending components blended was less than available supply of motor gasoline blending components). A positive value for the motor gasoline blending components adjustment indicates overstatement of finished gasoline production from gasoline blending (i.e. the volume of motor gasoline

blending components blended exceeded the available supply of motor gasoline blending components).

- Beginning in 2005, this adjustment was reflected by adding the calculated “product supplied” for motor gasoline blending components to the column labeled, “Adjustments.” The motor gasoline blending components adjustment was reported as field production from January 1993-December 2004. Prior to January 1993, there was no adjustment to transfer of motor gasoline blending components to finished gasoline. The volume that would have been adjusted prior to January 1993 was reported as product supplied for motor gasoline blending components.
- The fuel ethanol adjustment transfers the imbalance between supply and disposition of fuel ethanol to product supplied of finished motor gasoline. Product supplied (demand) for fuel ethanol is set equal to zero. A negative value for the fuel ethanol adjustment indicates understatement of finished gasoline production from fuel ethanol blending (i.e. the volume of fuel ethanol blended into finished motor gasoline was less than available supply of fuel ethanol). A positive value for the fuel ethanol adjustment indicates overstatement of finished gasoline production from fuel ethanol blending (i.e. the volume of fuel ethanol blended into finished motor gasoline exceeded available supply of fuel ethanol). There is no line item for the fuel ethanol adjustment. The fuel ethanol adjustment volume is equal to the sum of the finished motor gasoline adjustment and the motor gasoline blending components adjustment. The fuel ethanol adjustment was reported as part of finished gasoline field production from January 1993-December 2004. Refer to Table B1.
- The finished motor gasoline adjustment is equal to the sum of the motor gasoline blending components adjustment and the fuel ethanol adjustment. Beginning with data for January 2005, adjustments are allocated to reformulated or conventional finished motor gasoline based on the types of motor gasoline blending components adjusted. For example, adjustments to Reformulated Blendstock for Oxygenate Blending (RBOB) are allocated to finished reformulated motor gasoline while adjustments to Conventional Blendstock for Oxygenate Blending (CBOB) are allocated to finished conventional motor gasoline. Ethanol adjustments are allocated to reformulated or conventional gasoline based on the types of blending components adjusted and typical fuel ethanol blending percentages by region. During the period January 1993-December 2004, the entire motor gasoline blending components adjustment volume was added to finished conventional motor gasoline and the fuel ethanol adjustment volume was added to finished-oxygenated (conventional) motor gasoline.
- Distillate fuel oil adjustment volumes are reported on EIA surveys by operators of bulk terminals and pipelines. The distillate fuel oil adjustment transfers ultra-low sulfur distillate fuel oil (15 ppm sulfur and under) to low-sulfur distillate fuel oil (greater than 15 ppm sulfur to 500 ppm sulfur) in cases where ultra-low sulfur distillate fuel oil is downgraded to low-sulfur distillate fuel oil. Ultra-low

sulfur distillate fuel oil is downgraded when it encounters sulfur in the petroleum storage and transportation system such that the sulfur content of the fuel increases to a level greater than 15 ppm. Note that some circumstances may result in downgrading ultra-low sulfur distillate fuel oil even when the sulfur content remained at or below 15 ppm. For example, a batch of ultra-low sulfur distillate fuel oil might be downgraded if it failed to meet a pipeline specification that was below 15 ppm sulfur for transportation and handling of ultra-low sulfur distillate fuel oil.

- The adjustment to finished petroleum products is equal to the finished motor gasoline adjustment.
- Primary components of “other” hydrocarbons and oxygenates include hydrogen and oxygenates especially fuel ethanol and methyl tertiary butyl ether (MTBE). The adjustment is equal to the difference between disposition and supply and accounts for production from oxygenate plants, hydrogen plants, and other facilities that produce materials in this product category (see definitions).
- The adjustment for “Other” Liquids is equal to the sum of adjustments for “other” hydrocarbons and oxygenates and motor gasoline blending components.

Disposition

Stock Change - This column is calculated as the difference between the Ending Stocks column of this table and the Ending Stocks column of this table in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

Crude Losses - The volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc., as opposed to refining processing losses or gains.

Refinery Inputs - Refinery inputs of crude oil and intermediate materials (unfinished oils, gasoline blending components, other hydrocarbons and oxygenates, liquefied petroleum gases, and pentanes plus) that are processed at refineries to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (i.e., catalytic cracking units, cokers).

Inputs of natural gas liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas liquids are reported on a gross basis.

Inputs of unfinished oils, motor and aviation gasoline blending components, and other hydrocarbons and oxygenates are published on a net basis (i.e., refinery input minus refinery production).

Inputs of finished petroleum products are published on a net basis (i.e., refinery production minus refinery inputs) and displayed under the refinery production column.

Exports - Exports include crude oil shipments from the 50 States to Puerto Rico, and the Virgin Islands.

Products Supplied - Products supplied is equal to field production, plus refinery production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery input, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of interdistrict movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Product supplied for crude oil is the sum of crude oil burned on leases and by pipelines as fuel. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products.

Yields

The refinery yield of finished motor gasoline is calculated by subtracting the inputs of pentanes plus, liquefied petroleum gases, other hydrocarbons/oxygenates and motor gasoline blending components from the production of finished motor gasoline before dividing by the sum of crude oil input and unfinished oils input (net).

The refinery yield of finished aviation gasoline is calculated by subtracting the inputs of aviation gasoline blending components from the production of finished aviation gasoline before dividing by the sum of crude oil input and unfinished oils input (net).

Refinery yields for all products (except finished motor gasoline and finished aviation gasoline) are calculated by dividing the production for each product by the sum of crude oil input and unfinished oils input (net) reported in the U.S. total.

Stocks

Primary stocks of petroleum products do not include either secondary stocks held by dealers and jobbers or tertiary stocks held by consumers.

Movements

Movements of crude oil by pipeline between PAD Districts include trunk pipeline companies (interstate, intrastate, and intra-company pipelines). Intermediate movements for crude oil pipeline systems operating in more than two PAD Districts are not included.

Movements of petroleum products by pipeline between PAD Districts include trunk pipeline companies (interstate, intrastate and intra-company pipelines). Intermediate movements for product pipeline systems operating in more than two PAD Districts are included. For example, a shipment originating in PAD District 3, passing through PAD District 2 to PAD District 1, is reported as a movement from PAD District 3 to PAD District 2 and also from PAD District 2 to PAD District 1.

Waterborne movements of crude oil and petroleum products between PAD Districts include all shipments of crude oil or petroleum products for which the transporter has custody at the time of shipment. Custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker and barge.

Other Adjustments

Adjusted data are included in published aggregate petroleum supply statistics to correct for incomplete survey frames and reporting errors as described below.

- **Trans-Alaska Pipeline System (TAPS) Adjustment for Natural Gas Plant Liquids** – This adjustment corrects for overstatement of crude oil input at refineries due to injection of natural gas plant liquids into Alaskan crude oil transported in TAPS. This adjustment is necessary because refiners have been unable to segregate input of natural gas plant liquids from input of Alaskan crude oil.

Beginning with the January 1989 data, adjustments are made to refinery inputs and product supplied of natural gas liquids (NGL's) and refinery inputs of crude oil to account for refiner misreporting. Substantial volumes of NGL's are produced at natural gas processing plants in Alaska and injected into the crude oil moving in the Trans Alaska Pipeline System (TAPS). Refiners receiving any crude oil commingled with NGL's are instructed to report the NGL portion of that stream separately from the crude oil portion. This has not been done for Alaskan crude oil because refiners are unable to identify these volumes for accounting purposes. As a result, the NGL production in Alaska has been credited directly toward product supplied and also toward product supplied from refinery production when the refiner processes the crude oil-NGL mixture. In addition, the reporting of the commingled stream as crude oil by the refiner has overstated crude oil inputs and resulted in an increase in unaccounted for crude oil equal to the volume of NGL in the crude oil.

To offset this reporting error, an adjustment is made to refinery input in all PAD Districts receiving Alaskan crude oil. The adjustment reduces the crude oil inputs and increases the NGL inputs by an equal amount. Each PAD District adjustment is a portion of the known Alaskan-NGL production that is proportional to the PAD District's share of Alaskan crude oil received at all refineries in the United States. The greatest impact occurs in PAD District 5 for butane and pentanes plus. The reporting problem, which began in 1987, grew as injections of NGL's into the TAPS increased. Data for 1988 was revised in the *Petroleum Supply Annual* (PSA) to account for the adjustment.

- **Lease Stocks of Crude Oil** – This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases.

Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level.

- **Northeast Heating Oil Reserve** – This adjustment subtracts the volume of heating oil stored by the U.S. Department of Energy in the Northeast Heating Oil Reserve from commercial inventory of heating oil.
- **Other Aggregate Adjustments** – Other adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the *Petroleum Supply Annual* (PSA).

Note 4. Domestic Crude Oil Production

The Energy Information Administration (EIA) collects monthly crude oil production data on an ongoing basis. Data on crude oil production for States are reported to the EIA by State government agencies. The Minerals Management Service of the U.S. Department of the Interior and the California Department of Conservation reports data on crude oil production for Federal offshore areas to the EIA.

All States except Michigan, New York, Ohio, and Pennsylvania report production on a monthly basis. These four States report crude oil production on an annual basis. Estimates of monthly crude oil production for these four States are made by the EIA using data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report." After the end of each calendar year, the monthly crude oil production estimates are updated using annual reports from various State agencies, the Minerals Management Service, and the California Department of Conservation.

Table 25, "Production of Crude Oil by PAD District and State" provides estimates of crude oil production in the latest month for which most State production data are available. There is a time lag of approximately 4 months between the end of the production month and the time when most monthly State crude oil production data become available.

In order to present timelier crude oil production estimates, the EIA prepares a weekly crude oil production estimate, which is used in the *Weekly Petroleum Status Report* (WPSR). At the end of the production month, weekly crude oil production estimates are aggregated into an **original estimate** of monthly crude oil production. The original monthly estimate is used until replaced a month later by the **interim estimate**. The interim estimates are based on: (a) data reported by the States (e.g., production data for Alaska are typically reported to the EIA before the interim estimate is made); (b) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" (c) exponential or hyperbolic curve fitted projections based on recent State data; or (d) constant level projections based on the average production rate during a recent time period.

The interim estimate is used in the *PSM* Tables 1 through 24, until replaced by the final estimate. The final estimate is published in the *Petroleum Supply Annual* (PSA). Updates received after April are published in Appendix C in the following year's *PSA*.

Note 5. Export Data

Each month the Energy Information Administration (EIA) receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594).

Census export statistics used in the *Petroleum Supply Monthly* (PSM) reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- (1) Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.

(2) Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

Source of Export Information

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a “Shipper’s Export Declaration Document” with the U.S. Census Bureau.

Country and Area of Destination

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation.

If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

Note 6. Quality Control and Data Revision

Quality Control

The Energy Information Administration (EIA) monitors the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. Through a tracking system, the EIA provides insight into the activities of primary operators and distributors in the petroleum industry. The tracking system, known as the Petroleum Supply Reporting System (PSRS), consists of production, inputs, imports, inventories, movements, and other petroleum-related data collected on weekly, monthly, and annual surveys.

Survey forms are periodically reviewed for completeness, meaningfulness, and clarity. Modifications are made, when needed, to maintain efficient measure of the intended data items and to track product movement accurately throughout the industry. The latest modification to the survey forms was done in January 2004. Through this process, the EIA can maintain consistency among forms, minimize respondent burden, and eliminate ambiguity.

Sampling and Non-sampling Errors

There are two types of errors usually associated with data produced from a survey: non-sampling errors and sampling errors. Because the estimates for all monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors, sometimes referred to as biases, are those which can arise from a number of sources: (1) the inability to obtain data from all companies in the frame or sample (nonresponse and the method used to account for nonresponse), (2) definitional difficulties and/or improperly worded questions

which lead to different interpretations, (3) mistakes in recording or coding the data obtained from respondents, and (4) other errors of collection, response, coverage, and estimation.

Response rates on the monthly surveys are very high. In general, response rates average above 95 percent for the weekly surveys and above 98 percent for monthly surveys. Whenever survey responses are not received in time to be included in published statistics, the data are imputed. Although imputing for missing data may not eliminate the total error associated with nonresponse, it can serve to reduce the error. The data reported in the previous month are used as imputed values for missing data for all surveys except the Forms EIA-814, “Monthly Imports Report,” and EIA-817, “Monthly Tanker and Barge Movement Report.” There is no imputation procedure for these surveys because these data series, by respondent, are highly variable.

Response error is the major factor affecting the accuracy of PSRS data. Response, or reporting error, is the difference between the true value and the value reported on a survey form. Response error can occur for any number of reasons. For example, figures may be entered incorrectly when written on forms by the respondent, or errors may result from the misunderstanding of survey form instructions or definitions. Response error can also occur from the use of preliminary data when final data are not available. This can result in differences between published preliminary and final data. To help detect and minimize probable reporting errors, automated editing procedures are used to check current data for consistency with past data, as well as for internal consistency (e.g., totals equal to the sums of the parts), and to flag those data elements that fail edit criteria.

Errors can also be introduced during data processing. For example, while creating computer data files, key errors can occur in transcribing or coding the data; or information can be entered into the wrong cell. Using well designed edit criteria, which examine orders of magnitude, cell position, and historical reporting patterns, many of these errors can be identified and corrected.

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the Petroleum Division is performed each year. The results of this data comparison are published once a year in the feature article, “Comparison of Independent Statistics on Petroleum Supply.”

Sampling errors are those errors that occur when survey estimates are based on a sample rather than being derived from a complete census of the frame. Although monthly data are still subject to error, they have been thoroughly reviewed and edited, and are considered to be the most accurate data available.

Data Revision

With respect to the weekly PSRS data, EIA will disseminate revised data only if the revision is expected to substantively affect understanding of the U.S. petroleum supply. Whether to disseminate a revision to weekly data will be based on EIA's judgment of the revision's expected effect. If a revision is necessary, it will be disseminated in the next regularly scheduled release of the weekly products.

The monthly PSRS data reflect EIA's official data on petroleum supply and are considered to be more accurate than the weekly data because they are generally based upon company accounting records instead of company estimates and EIA has more time to edit and correct anomalous data. With respect to the monthly PSRS data, EIA will disseminate revised data during the year only if the revision is expected to substantively affect understanding of the U.S. petroleum supply. Whether to disseminate a revision during the year will be based on EIA's judgment of the revision's expected effect. At the end of year, the monthly data are revised to reflect all resubmitted data received during the year. These official final monthly petroleum supply data are included in the *PSA*.

The *PSA* reflects EIA's final data on petroleum supply and will be revised only if, in EIA's judgment, a revision is expected to substantively affect understanding of the U.S. petroleum supply.

When EIA disseminates any revised PSRS data, it will alert users to the affected data value(s) that are revised.

Late Response

Respondents who fail to respond within the prescribed time limit (25th day following the end of the report month) become nonrespondents for that particular report period and are contacted by phone to obtain the current month's data. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

Nonresponse

Follow-up action is taken when a company fails to respond adequately to data requests from the EIA. Preliminary attempts to gather delinquent reports are made by phone. Noncompliance form letters are sent to those companies that have not submitted reports and have not responded to data requests by phone.

Note 7. Frames Maintenance

The Petroleum Division (PD) maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all

known petroleum supply organizations falling within the definition of "Who Must Submit" participate in the survey.

The activities for frames maintenance are conducted on a monthly and annual basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Annual frames maintenance focuses on re-evaluating the "required and non-required" companies filing the Form EIA-814.

To supplement monthly and annual frames maintenance activities and to provide more thorough coverage, the PD periodically conducts a comprehensive frames investigation. These investigations result in the reassessment and recompilation of the complete frame for each survey. The effort also includes the evaluation of the impact of potential frame changes on the historical time series data published from these respondents. The results of this frame study are usually implemented in January to provide a full year under the same frame.

Note 8. 2004 Changes in the Petroleum Supply Monthly

Effective with January 2004 data, several changes were made to the petroleum supply monthly data series collected by the EIA. The changes primarily affect data reported for motor gasoline blending components, finished motor gasoline, distillate fuel oil, and oxygenates. Motor gasoline blending components now include five splits to provide coverage of the various types of reformulated and conventional blending components.

"Oxygenated" and "Other" finished motor gasoline were combined into a new category entitled "Conventional" finished motor gasoline.

An ultra-low distillate fuel oil category was also established.

- Table H1, "Petroleum Supply Summary"— This table was eliminated from the PSM. There is a link in the web table of contents to Table H1 that is currently published in the Weekly Petroleum Status Report. The primary purpose of Table H1 is to provide timely release of summary Monthly-From-Weekly data.
- Old Table 1 "U.S. Petroleum Balance"— This table was eliminated. All the data elements found on this table can

be found directly or can be generated using other Detail Summary tables.

- New Table 1 “U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products” (Old Table 2) – The “Unaccounted for Crude Oil” header has been renamed “Adjustments.” The motor gasoline blending component adjustment and fuel ethanol adjustment has been moved from the “Field Production” column to the new “Adjustments” column. A line item for “Commercial” and “Strategic Petroleum Reserve” (SPR) has been added to the “Crude Oil” breakout. There is a breakout under SPR for “Imports by SPR” and “Imports into SPR by Others.”
- Refinery Net Input and Net Production Tables - Refinery and motor gasoline blending activity continues to be presented on a combined basis. In addition, blenders activity are presented on a separate basis.
- Import and Export Tables by Country - Import and export tables that show country detail have been expanded to show all products on an individual basis. This change will eliminate the “Other Products” category, which will provide more data for users, but will increase the number of pages for each table.

Note 9. Form EIA-820: Annual Refinery Report

Refinery capacity data collection was begun in 1918 by the Bureau of Mines, then in the Department of Commerce, and was operated on a voluntary basis until 1980. In 1980, the mandatory Energy Information Administration (EIA) Form EIA-177, “Capacity of Petroleum Refineries,” was implemented. Information on refining capacity was expanded to include not only current year operations, but two-year projections, and refinery input/production data. Working storage capacity data was also added to the form and product categories were added for total coverage. Information on refinery downstream facilities was expanded to include a breakdown of thermal operations and to add vacuum distillation, catalytic hydrorefining and hydrotreating. Production capacity was also added to include information on isomerization, alkylation, aromatics, asphalt/road oil, coking, lubricants and hydrogen.

In 1983, the form was revised to improve the consistency and quality of the data collected by the EIA and redesignated as Form EIA-820, “Annual Refinery Report.” Two sections for data previously reported monthly were added: (1) refinery receipts of crude oil by method of transportation, and (2) fuels consumed for all purposes at refineries. Also, the second year projections on refining capacity were eliminated. As a result of a study conducted by the EIA evaluating motor gasoline data collected by the Federal Highway Administration (FHWA) and by the EIA, motor gasoline blending plants were included for the first time in the respondent frame in order to produce more accurate statistics on the production of motor gasoline.

In 1987, the form was revised to reduce respondent burden and to better reflect current refinery operations through updated terminology. Information on projected input/production of refinery processing facilities was deleted. Several categories under catalytic hydrotreating were combined: naphtha and reformer feeds were combined into a single category as well as residual fuel oil and “other.” Thermal cracking types, gas oil and “other” were also combined into a single category. Catalytic reforming types, conventional and bi-metallic were replaced with low and high pressure processing units. Two new categories were added: fuels solvent deasphalting was added to downstream charge capacity and sulfur recovery was added to production capacity.

In 1994, the form was revised to enable EIA to calculate utilization rates for certain downstream processing units and to reflect storage capacity of fuels mandated by the Clean Air Act Amendments of 1990. Additions to the form included calendar day downstream charge capacity for fluid and delayed coking, catalytic cracking, and catalytic hydrocracking. Also storage capacity categories for reformulated, oxygenated, and other finished motor gasoline were added, as well as oxygenate storage capacity and separate categories for high and low sulfur distillate fuel oil.

In 1995, motor gasoline blending plants were dropped from the survey frame, since by this time, the only section of the form that applied to them was working and shell storage capacity. Also in 1995, a decision was made to no longer collect storage capacity from shutdown refineries; therefore, these refineries were also eliminated from the survey frame.

In 1996, the survey was moved to a biennial schedule (every other year) and was renamed “Biennial Refinery Report.” The survey was not conducted for January 1, 1996 or January 1, 1998.

Respondents were not required to submit data for crude oil and petroleum products consumed at refineries during 1995 and 1997. These data are available from the Form EIA-810, “Monthly Refinery Report.” The requirement to submit data for refinery consumption of natural gas, coal, and purchased steam and electricity on the Form EIA-820 remained.

In 2000, the survey was moved to an annual schedule.

In 2004, the survey form was amended to reflect the increasing emphasis on the removal of sulfur from transportation fuels.

Respondent Frame

The respondent frame consists of all operating and idle petroleum refineries (including new refineries under construction), located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions. As of January 1, 2008, there were 152 refineries.

The respondent frame is maintained by monitoring the monthly Form EIA-810, “Monthly Refinery Report,” and industry

publications for changes and developments in the petroleum industry such as refinery sales, mergers and new operations.

Description of Survey Form

The Form EIA-820 is used to collect data on fuels consumed for all purposes at the refinery during the preceding year; refinery receipts of crude oil by method of transportation during the preceding year; current and next year projections for operable atmospheric crude oil distillation capacity, downstream charge capacity and production capacity; and current year working and shell storage capacity for crude oil and petroleum products at the refinery.

Collection Methods

The Form EIA-820 is sent to respondents in December. Survey forms can be submitted by electronic mail or facsimile. Completed forms are required to be postmarked by the 15th day of February of the current report year. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to secure responses from those companies failing to report by February 15th.

Response Rate

The response rate for the Form EIA-820 is normally 100%. Data are estimated and non-compliance procedures are implemented for those companies still not reporting data by close-out for the report year.

Data Imputation

Imputation is performed for companies that fail to file prior to the publication deadline. For the January 1, 2008 survey, there were no nonrespondents. When nonresponse occurs, values for these companies are imputed from data reported on the most recent year's Form EIA-820 and/or from data reported on Form EIA-810, "Monthly Refinery Report," for that company. For most surveyed items, the value imputed for nonrespondents is the value that company reported on the Form EIA-820 for the most recent year. For three categories of information however, the imputed value is also based on their data from the Form EIA-810 as follows:

Part 4: Refinery Receipts of Crude Oil by Method of Transportation

The imputation methodology for this section is based on data reported on both the monthly Form EIA-810 and the annual Form EIA-820. Annual refinery receipts of domestic and foreign crude oil for a nonrespondent are imputed by aggregating the values for the refinery on the monthly survey. These values are allocated to the method of transportation by using the percentages reported for the refinery in the previous year.

Part 5: Atmospheric Crude Oil Distillation Capacity

Operable atmospheric crude oil distillation capacity in barrels per calendar day is collected on the monthly Form EIA-810 as of the

first day of each month and on the annual Form EIA-820 as of January 1. As part of the editing process for the Form EIA-820, these two values are compared. Companies are contacted and any discrepancies are resolved by the time of publication. Imputed values for operable atmospheric crude oil distillation capacity in barrels per calendar day are taken directly from the January Form EIA-810. A barrels per stream day capacity is then derived by dividing the reported barrels per calendar day capacity by .95.

Parts 6, 7 & 8: Downstream Charge Capacity, Production Capacity and Working and Shell Storage Capacities

Current year and projected year data for downstream charge capacity, production capacity, and data for working and shell storage capacity are taken directly from the previous year's annual report.

Confidentiality

The Office of Legal Counsel of the Department of Justice concluded on March 20, 1991, that the Federal Energy Administration Act requires the Energy Information Administration to provide company-specific data to the Department of Justice, or to any other Federal agency when requested for official use, which may include enforcement of Federal law. The information contained on this form may also be made available, upon request, to another component of the Department of Energy (DOE), to any Committee of Congress, the General Accounting Office, or other Congressional agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order.

Information on operable atmospheric crude oil distillation capacity, downstream charge capacity, and production capacity (Parts 5, 6 and 7) on Form EIA-820 are not considered as confidential, and historically have not been treated as such. Company identifiable data are published in the Refinery Capacity Report, Tables 3, 4 and 5.

Other data (Parts 3, 4 and 8 and respondent information) on the Form EIA-820 are kept confidential and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C.552, Department of Energy (DOE) regulations, 10 C.F.R.1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C.1905.

Upon receipt of a request for this information under the FOIA, the DOE shall make a final determination whether the information is exempt from disclosure in accordance with the procedures and criteria provided in the regulations. To assist us in this determination, respondents should demonstrate to the DOE that, for example, their information contains trade secrets or commercial or financial information whose release would be likely to cause substantial harm to their company's competitive position. A letter accompanying the submission that explains (on an element-by-element basis) the reasons why the information

would be likely to cause the respondent substantial competitive harm if released to the public would aid in this determination. A new justification does not need to be provided each time information is submitted on the form, if the company has previously submitted a justification for that information and the justification has not changed.

The data collected on Form EIA-820, "Annual Refinery Report," is used to report aggregate statistics on and conduct analyses of the operation of U.S. petroleum refineries. Beginning with data for 2006, the data are published as a stand alone product in the EIA publication *Refinery Capacity Report*. Historical data appear in the *Petroleum Supply Annual (PSA) Volume 1* (through 2005); data also appear in the *Annual Energy Review*. Company specific data are also provided to other DOE offices for the purpose of examining specific refinery operations in the context of emergency response planning and actual emergencies.

The tables pertaining to refinery receipts of crude oil by method of transportation and fuels consumed at the refinery are not subject to statistical nondisclosure procedures. Thus, there may be some table cells which are based on data from only one or two respondents, or which are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable user of the data to make inferences about the data reported by a specific respondent.

Quality Control

There are two types of errors usually associated with data produced from a survey -sampling errors and nonsampling errors. Because estimates from the Form EIA-820 survey are based on a complete census of the frame of petroleum refineries, there is no sampling error in the data presented in this report. The data, however, are subject to nonsampling errors. Nonsampling errors are those which can arise from: (1) the inability to obtain data from all companies in the frame or sample (nonresponse) and the method used to account for nonresponses; (2) definitional difficulties and/or improperly worded questions which lead to different interpretations; (3) mistakes in recording or coding the data obtained from respondents; and (4) other errors of collection, response, coverage, and estimation. Quality control procedures are employed in the collection and editing operations to minimize misrepresentation and misreporting. Nonresponse follow-up procedures are employed to reduce the number of nonrespondents, and procedures employed to impute missing data, introduce a minimal amount of error, given the relatively small volume of imputed data.

Resubmissions

Resubmissions are required whenever an error greater than 5 percent of the true value is discovered. In the event of a reporting error, company reports are updated after contact with the company and are followed up by corrected report resubmissions. Late submissions or resubmissions received after the publication date are entered into a "working" file. This file contains the most up-to-date data for the Form EIA-820 and is used to edit next year's data.

Table B1. Finished Motor Gasoline Product Supplied Adjustment, 1996 - Present
(Thousand Barrels per Day)

| Item/Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1996 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 58 | 53 | 49 | 37 | 27 | 14 | 9 | 20 | 23 | 36 | 44 | 38 | 34 |
| Motor Gas Blending | 61 | 75 | (s) | -8 | 43 | 48 | 103 | 52 | 21 | 80 | 60 | 43 | 48 |
| Products Supplied | 7,721 | 7,599 | 7,792 | 7,873 | 8,071 | 8,088 | 8,165 | 8,343 | 7,662 | 8,093 | 7,915 | 7,794 | 7,891 |
| 1997 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 39 | 50 | 51 | 46 | 48 | 38 | 59 | 37 | 47 | 69 | 50 | 61 | 50 |
| Motor Gas Blending | -20 | 61 | -27 | 87 | 73 | 113 | 89 | 95 | 115 | 107 | 165 | 80 | 78 |
| Products Supplied | 7,301 | 7,668 | 7,796 | 8,064 | 8,139 | 8,288 | 8,496 | 8,233 | 8,023 | 8,141 | 7,965 | 8,065 | 8,017 |
| 1998 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 66 | 55 | 61 | 55 | 42 | 50 | 49 | 58 | 62 | 71 | 55 | 75 | 58 |
| Motor Gas Blending | 84 | 39 | 117 | 140 | 142 | 246 | 111 | 88 | 171 | 89 | 145 | 205 | 132 |
| Products Supplied | 7,618 | 7,711 | 8,004 | 8,312 | 8,279 | 8,520 | 8,680 | 8,568 | 8,310 | 8,378 | 8,167 | 8,451 | 8,253 |
| 1999 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 57 | 52 | 52 | 53 | 50 | 59 | 43 | 54 | 55 | 64 | 66 | 72 | 56 |
| Motor Gas Blending | 81 | -13 | 20 | 134 | 46 | 214 | 192 | 128 | 102 | 212 | 156 | 165 | 120 |
| Products Supplied | 7,701 | 8,031 | 8,128 | 8,506 | 8,420 | 8,886 | 8,942 | 8,579 | 8,305 | 8,542 | 8,240 | 8,859 | 8,431 |
| 2000 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 60 | 47 | 62 | 62 | 76 | 52 | 68 | 73 | 66 | 74 | 73 | 76 | 66 |
| Motor Gas Blending | 255 | 208 | 178 | 158 | 198 | 125 | 80 | 158 | 155 | 107 | 83 | 319 | 169 |
| Products Supplied | 7,653 | 8,291 | 8,305 | 8,375 | 8,661 | 8,824 | 8,642 | 8,921 | 8,518 | 8,417 | 8,384 | 8,670 | 8,472 |
| 2001 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 80 | 65 | 61 | 59 | 64 | 40 | 96 | 52 | 71 | 93 | 63 | 58 | 67 |
| Motor Gas Blending | 264 | 121 | 289 | 303 | 196 | 210 | 213 | 245 | 196 | 193 | 175 | 252 | 222 |
| Products Supplied | 8,099 | 8,234 | 8,532 | 8,575 | 8,706 | 8,690 | 9,023 | 8,953 | 8,557 | 8,655 | 8,677 | 8,585 | 8,610 |
| 2002 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 60 | 68 | 40 | 75 | 78 | 66 | 66 | 48 | 56 | 58 | 80 | 62 | 63 |
| Motor Gas Blending | 184 | 214 | 174 | 233 | 339 | 287 | 269 | 252 | 177 | 172 | 208 | 235 | 229 |
| Products Supplied | 8,227 | 8,607 | 8,655 | 8,766 | 9,078 | 9,140 | 9,143 | 9,313 | 8,687 | 8,814 | 8,829 | 8,893 | 8,848 |
| 2003 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 13 | 49 | 8 | 45 | 38 | 31 | 29 | 44 | 31 | 35 | 41 | 22 | 32 |
| Motor Gas Blending | 109 | 174 | 209 | 265 | 354 | 399 | 314 | 375 | 298 | 324 | 281 | 194 | 275 |
| Products Supplied | 8,414 | 8,525 | 8,602 | 8,838 | 9,042 | 9,170 | 9,192 | 9,411 | 8,926 | 9,108 | 8,946 | 9,011 | 8,935 |
| 2004 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 17 | 21 | 7 | 36 | 36 | 53 | 25 | 32 | 37 | 29 | 25 | 27 | 29 |
| Motor Gas Blending | 217 | 393 | 469 | 574 | 464 | 609 | 466 | 493 | 489 | 372 | 347 | 265 | 429 |
| Products Supplied | 8,705 | 8,838 | 9,024 | 9,126 | 9,179 | 9,322 | 9,357 | 9,327 | 9,015 | 9,097 | 9,055 | 9,206 | 9,105 |
| 2005 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 37 | 31 | 24 | 32 | 39 | 54 | 47 | 55 | 40 | 45 | 50 | 47 | 42 |
| Motor Gas Blending | 357 | 251 | 200 | 222 | 337 | 310 | 460 | 455 | 382 | 360 | 239 | 436 | 335 |
| Products Supplied | 8,775 | 8,798 | 8,996 | 9,130 | 9,257 | 9,380 | 9,451 | 9,454 | 8,897 | 9,013 | 9,079 | 9,246 | 9,125 |
| 2006 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 33 | 37 | 48 | 36 | 23 | 40 | 27 | 44 | 51 | 32 | 52 | 37 | 38 |
| Motor Gas Blending | 278 | 226 | 406 | 486 | 714 | 207 | 663 | 432 | 649 | 539 | 645 | 689 | 497 |
| Products Supplied | 8,727 | 8,836 | 9,129 | 9,140 | 9,312 | 9,440 | 9,583 | 9,585 | 9,222 | 9,286 | 9,160 | 9,335 | 9,233 |
| 2007 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 68 | 51 | 58 | 62 | 67 | 73 | 84 | 95 | 51 | 93 | 100 | 113 | 76 |
| Motor Gas Blending | 512 | 462 | 607 | 674 | 608 | 473 | 627 | 553 | 544 | 534 | 689 | 535 | 569 |
| Products Supplied | 8,891 | 9,025 | 9,169 | 9,232 | 9,429 | 9,510 | 9,622 | 9,592 | 9,244 | 9,250 | 9,249 | 9,249 | 9,290 |
| 2008 | | | | | | | | | | | | | |
| Fuel Ethanol Adj. | 117 | 118 | 118 | 163 | 134 | 117 | 99 | 107 | 156 | 93 | 76 | 108 | 117 |
| Motor Gas Blending | 223 | 259 | 246 | 138 | 402 | 371 | 331 | 448 | 376 | 171 | 417 | 77 | 288 |
| Products Supplied | 8,814 | 8,842 | 9,069 | 9,117 | 9,216 | 9,071 | 9,072 | 9,090 | 8,469 | 8,986 | 8,889 | 8,921 | 8,964 |

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

Source: 1995 - 2005, Energy Information Administration (EIA), *Petroleum Supply Annual*, Volumes 1 and 2 (Table 3); 2006 - 2007, *Petroleum Supply Monthly* (Table 2).

Appendix D

EIA- 819 Monthly Oxygenate Report

The Form EIA-819, "Monthly Oxygenate Report" provides production data for fuel ethanol and methyl tertiary butyl ether (MTBE). End-of-month stock data held at ethanol plants and merchant MTBE plants are also reported on the Form EIA-819. The stock data reported below include stocks held at refineries, bulk terminals, motor gasoline blending facilities, pipelines, and oxygenate production facilities. Data reported on the Form EIA-819 are collected from a universe of respondents of oxygenate producers.

U.S. Summary, December 2008

(Thousand Barrels, Except Where Noted)

| | Petroleum Administration for Defense Districts | | | | | U.S. | | | |
|------------------------------------|--|--------|-------|-----|-------|---------------|---------------|--------------|---------------|
| | | | | | | Current Month | | Year to Date | |
| | 1 | 2 | 3 | 4 | 5 | Total | Daily Average | Total | Daily Average |
| Fuel Ethanol | | | | | | | | | |
| Production | 277 | 18,832 | 412 | 328 | 493 | 20,342 | 656 | 219,927 | 601 |
| Stocks | 4,731 | 5,714 | 1,713 | 155 | 1,906 | 14,219 | - | - | - |
| Methyl Tertiary Butyl Ether | | | | | | | | | |
| Production | 0 | 0 | 1,263 | 0 | 0 | 1,263 | 41 | 17,319 | 47 |
| Merchant | 0 | 0 | 1,238 | 0 | 0 | 1,238 | 40 | 16,886 | 46 |
| Captive | 0 | 0 | 25 | 0 | 0 | 25 | 1 | 433 | 1 |
| Stocks | 0 | 0 | 1,455 | 0 | 0 | 1,455 | - | - | - |

Note: Totals may not add due to independent rounding.

Source: Energy Information Administration (EIA), Forms EIA-819, EIA-810, EIA-811, EIA-812, and EIA-815. See Appendix B, Note 2 of the "Explanatory Notes" in the Petroleum Supply Monthly for a detailed description of these surveys.

Northeast Heating Oil Reserve

Information on the Northeast Heating Oil Reserve is available from the U.S. Department of Energy Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Heating Oil Reserve inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Heating Oil Reserve (Thousand Barrels)

| Terminal Operator | Location | Week Ending February 13, 2009 |
|--------------------------|-----------------|--------------------------------------|
| Amerada Hess Corp. | Perth Amboy, NJ | 984 |
| Amerada Hess Corp. | Groton, CT | 250 |
| Morgan Stanley | New Haven, CT | 750 |

Source: Energy Information Administration.

Definitions of Petroleum Products and Other Terms

(Revised July 2007)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See **Motor Gasoline Blending Components.**

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. } 60^\circ \text{ F} / 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C₄H₁₀). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C₄H₁₀). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C₄H₁₀). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating

facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Aouter continental shelf* as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other

refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum *desulfurization* is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating**.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 parts per

million by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 parts per million by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of -127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

- (1) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.
- (2) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene,

and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See *Motor Gasoline Blending Components*.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C₄H₁₀). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C₆H₁₄). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C₄), an alkylation process feedstock, and normal pentane and hexane into isopentane (C₅) and isohexane (C₆), high-octane gasoline components.

Isopentane. See *Natural Gasoline* and *Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the

10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from

these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH₃OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note: Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. **Note:** E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. *Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline.* Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S.

Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of *the refinery where it was produced*. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB is classified as either reformulated or conventional based on emissions performance and the intended end use.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of *the refinery where it was produced*. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) (CH₃)₃COCH₃. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C₅H₁₂), obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies among member countries. It was created at the Baghdad Conference on September 10–14, 1960, by Iran, Iraq, Kuwait, Saudi Arabia and Venezuela. The five founding members were later joined by nine other members: Qatar (1961); Indonesia (1962-2008); Libya (1962); United Arab Emirates (1967); Algeria (1969); Nigeria (1971); Ecuador (1973–1992; 2007); Gabon (1975–1994) and Angola (2007).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by

dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C₃H₈). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C₃H₆). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C₃H₆) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and

oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity.

Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484,

respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) (CH₃)₂(C₂H₅)COCH₃. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) (CH₃)₃COH. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene (C₆H₅CH₃). Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation

gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.