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December 2001

With Data for October 2001

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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 World Wide 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 9:00 a.m. (weekly)	Table 1 (U.S. Balance Sheet) and Data Log (Table 14 plus 4-week averages)
Wednesday 5:00 p.m. 6th-12th (monthly)	Table H1 (Petroleum Supply Summary)
Winter Fuels Report (October through March)	
Wednesday 5:00 p.m. (weekly)	All tables and highlights
Propane Data (April through September)	
Second Wednesday of the month (9:00 a.m.)	Propane Stocks
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	
15 working days after the report month	Table D1 U.S. Summary Table D2 (Fuel Ethanol Production/Stocks) Table D3 (MTBE Production/Stocks) and Table D4 (MTBE Merchant and Captive)
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 one of a family of four petroleum supply publications produced by the Petroleum Division within the Energy Information Administration (EIA) reflecting different levels of data timeliness and completeness. The other publications are the *Weekly Petroleum Status Report* (WPSR), the *Winter Fuels Report*, and the *Petroleum Supply Annual* (PSA).

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

Four 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 (Detailed Statistics Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix C (Impact of Resubmissions or Major Series) - Information on revisions to published statistics caused by resubmission of respondent survey forms.
- Appendix D (EIA-819M, Monthly Oxygenate Telephone 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 approximately 15 working days after the end of the month.
- 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 biennial refinery and oxygenate capacity surveys are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

Contents

Articles

Feature articles on energy-related subjects are frequently included in this publication. The following articles have appeared in previous issues.

November 2001 Highlights

These data are compiled by aggregating weekly estimates, previously published in the *Weekly Petroleum Status Report*, and interpolating for a monthly-from-weekly value.

- Total petroleum demand was 19.3 million barrels per day, down slightly from last November's record for the month. Although the monthly-from-weekly demand estimates have been revised upward with the release of the monthly data in each of the last seven months, March through September, no revision exceeded 0.6 million barrels per day.
- Crude oil production rose to an average of 5.9 million barrels per day. Alaskan production of crude oil reached its highest average since December 1999. Imports set a November record high at 9.2 million barrels per day. Stocks (excluding the Strategic Petroleum Reserve) ended the month at 311 million barrels, their highest total for November since 1998. Recent refinery problems contributed to a decline in refinery crude oil inputs to 14.9 million barrels per day, down slightly from a year ago.
- Demand for finished motor gasoline set a record high for the month at 8.7 million barrels per day. Production averaged 8.4 million barrels per day, slightly below last year's record for the month. Imports of finished motor gasoline were normal for the month at 455 thousand barrels per day. However, if imports of blending components are included, then total gasoline imports show a 13 percent growth from last year. Stocks of finished motor gasoline ended the month 5 million barrels higher than this time last year at 162 million barrels.
- Unusually warm temperatures during the month dampened demand for distillate fuel oil which averaged 3.7 million barrels per day, down 2 percent from last year's record high for November. Production set an all time record high at 4.0 million barrels per day. Imports were within their normal seasonal range at 302 thousand barrels per day. Total distillate stocks grew by more than 10 million barrels to end the month at 138 million barrels. While distillate stocks were 18 million barrels higher than this time last year, last November's total was unusually low for the month.
- Demand for jet fuel continues to suffer from the effects of the September 11 attacks. Both demand and production of total jet fuel dropped to their lowest averages for the month since 1993 at 1.5 million barrels per day and 1.4 million barrels per day, respectively. Imports were down from last year's average to 95 thousand barrels per day. Stocks reached their lowest total for the month since 1996 at 41 million barrels.
- Demand for residual fuel oil averaged 0.8 million barrels per day and production averaged 0.7 million barrels per day, both down compared to last November's respective averages. Stocks of residual fuel ended the month at 40 million barrels.

Table H1. Petroleum Supply Summary

(Million Barrels per Day, Except Where Noted)

Category	2001			2000	January - November	
	Estimated November	October	Difference[a]	November	2001	2000
Products Supplied	19.3	19.7	-0.4	19.3	19.6	19.6
Finished Motor Gasoline	8.7	8.6	0.1	8.4	8.6	8.5
Distillate Fuel Oil	3.7	3.9	-0.1	3.8	3.8	3.7
Residual Fuel Oil	0.8	0.8	-0.1	0.9	1.0	0.9
Jet Fuel	1.5	1.6	-0.1	1.7	1.7	1.7
Other Petroleum Products[b]	4.6	4.8	-0.2	4.5	4.6	4.9
Crude Oil Inputs	14.9	15.0	-0.1	15.0	15.2	15.1
Operating Utilization Rate (%)	91.6	93.3	-1.7	93.5	94.0	94.1
Imports	11.4	11.1	0.2	11.3	11.7	11.4
Crude Oil	9.2	9.1	0.1	8.9	9.2	9.1
Strategic Petroleum Reserve	0.1	0.0	0.1	(s)	(s)	(s)
Other	9.1	9.1	(s)	8.9	9.2	9.0
Products	2.2	2.1	0.2	2.4	2.5	2.3
Finished Motor Gasoline	0.5	0.4	(s)	0.5	0.4	0.4
Distillate Fuel Oil	0.3	0.3	(s)	0.3	0.4	0.3
Residual Fuel Oil	0.3	0.3	(s)	0.3	0.4	0.3
Jet Fuel	0.1	0.1	(s)	0.2	0.2	0.2
Other Petroleum Products[c]	1.1	1.1	(s)	1.1	1.1	1.1
Exports	1.0	1.0	(s)	1.1	1.0	1.0
Crude Oil	(s)	(s)	(s)	(s)	(s)	0.1
Products	0.9	0.9	(s)	1.1	0.9	1.0
Total Net Imports	10.4	10.2	0.2	10.2	10.7	10.4
Stock Change[d]	0.2	(s)	0.2	(s)	0.3	(s)
Crude Oil	0.1	0.2	-0.1	-0.3	0.1	-0.1
Products[f]	0.2	-0.1	0.3	0.2	0.2	0.1
Total Stocks[f] (million barrels)	1,576	1,576	(s)	1,505	—	—
Crude Oil	859	857	2	834	—	—
Strategic Petroleum Reserve[e]	547	545	2	548	—	—
Other	311	311	(s)	286	—	—
Products	717	719	-1	671	—	—
Finished Motor Gasoline	162	160	2	157	—	—
Distillate Fuel Oil[f]	138	129	10	120	—	—
Residual Fuel Oil	40	38	2	39	—	—
Jet Fuel	41	40	(s)	42	—	—
Other Petroleum Products[c]	337	352	-16	313	—	—

[a] Difference is equal to volume for current month minus volume for previous month.

[b] Includes crude oil product supplied, natural gas liquids, liquefied refinery gases (LRG's), other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, and jet fuel.

[c] Includes natural gas liquids, liquefied refinery gases (LRG's), other liquids, and all finished petroleum products except finished motor gasoline, jet fuel, distillate fuel oil, and residual fuel oil.

[d] A negative number indicates a decrease in stocks and a positive number indicates an increase.

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

[f] Distillate stocks located in the "Northeast Heating Oil Reserve" are not included.

(s) = Less than 0.05 million barrels per day, or less than 0.05 percent, or less than 0.5 million barrels.

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

Source: Energy Information Administration (EIA), 1999,*Petroleum Supply Annual*, Volume 2; appropriate issues of the *Petroleum Supply Monthly* and the *Weekly Petroleum Status Report*.

Data for the current month are preliminary estimates, based on weekly submissions. For an explanation of estimation methodology and accuracy, see Appendix A of *Weekly Petroleum Status Report* and the article, "Accuracy of Petroleum Supply Data", published in the October 2000*, Petroleum Supply Monthly.*

Table S1. Crude Oil and Petroleum Products Overview, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Field Production			Stock Change[a]			Ending Stocks[b] (Million Barrels)
	Total Domestic[c]	Crude Oil	Natural Gas Plant Liquids	Crude Oil[d]	Petroleum Products	Petroleum Products Supplied	Crude Oil[d] and Petroleum Products
1986 Average	**10,289**	**8,680**	**1,551**	**78**	**124**	**16,281**	**1,593**
1987 Average	**10,008**	**8,349**	**1,595**	**128**	**-87**	**16,665**	**1,607**
1988 Average	**9,818**	**8,140**	**1,625**	**1**	**-29**	**17,283**	**1,597**
1989 Average	**9,219**	**7,613**	**1,546**	**86**	**-129**	**17,325**	**1,581**
1990 Average	**8,994**	**7,355**	**1,559**	**-35**	**142**	**16,988**	**1,621**
1991 Average	**9,168**	**7,417**	**1,659**	**-42**	**32**	**16,714**	**1,617**
1992 Average	**8,996**	**7,171**	**1,697**	**-1**	**-68**	**17,033**	[g] **1,592**
1993 Average	**8,836**	**6,847**	**1,736**	**81**	[g] **70**	**17,237**	**1,647**
1994 Average	**8,645**	**6,662**	**1,727**	**18**	**-2**	**17,718**	**1,653**
1995 Average	**8,626**	**6,560**	**1,762**	**-93**	**-153**	**17,725**	**1,563**
1996 Average	**8,607**	**6,465**	**1,830**	**-124**	**-28**	**18,309**	**1,507**
1997 Average	**8,611**	**6,452**	**1,817**	**51**	**93**	**18,620**	**1,560**
1998 Average	**8,392**	**6,252**	**1,759**	**74**	**165**	**18,917**	**1,647**
1999 January	8,001	5,963	1,656	297	-454	19,029	1,642
February	8,068	5,966	1,722	50	-291	19,107	1,635
March	8,023	5,883	1,787	367	-859	19,497	1,620
April	8,015	5,887	1,806	-301	433	19,152	1,624
May	8,091	5,875	1,790	182	897	18,705	1,658
June	7,997	5,760	1,874	-235	-273	19,836	1,642
July	8,013	5,798	1,902	34	10	19,820	1,644
August	8,069	5,780	1,874	-566	-145	20,093	1,622
September	8,127	5,804	1,917	-368	142	19,483	1,615
October	8,283	5,947	1,953	-85	-875	19,868	1,585
November	8,275	5,960	1,949	-297	-188	19,087	1,571
December	8,320	5,959	1,957	-507	-1,995	20,498	1,493
Average	**8,107**	**5,881**	**1,850**	**-118**	**-304**	**19,519**	**—**
2000 January	8,096	5,784	1,956	21	-520	19,026	1,477
February	8,227	5,852	1,987	98	-486	19,635	1,466
March	8,256	5,918	1,987	364	-38	19,218	1,476
April	8,232	5,854	1,968	225	746	18,816	1,505
May	8,196	5,847	1,943	-294	691	19,605	1,518
June	8,106	5,823	1,922	-154	427	20,054	1,526
July	8,073	5,739	1,934	-225	666	19,696	1,540
August	8,087	5,789	1,941	197	-450	20,496	1,532
September	8,066	5,758	1,923	-347	184	19,899	1,527
October	8,151	5,809	1,919	-189	-464	19,798	1,507
November	8,089	5,833	1,876	-281	240	19,328	1,505
December	7,750	5,855	1,583	-250	-971	20,814	1,468
Average	**8,110**	**5,822**	**1,911**	**-70**	**(s)**	**19,701**	**—**
2001 January	[E] 7,552	[E] 5,836	1,381	211	-52	19,900	1,477
February	[E] 7,951	[E] 5,840	1,728	-492	254	19,597	1,471
March	[E] 8,102	[E] 5,878	1,830	795	-581	19,892	1,477
April	[E] 8,042	[E] 5,854	1,836	700	619	19,591	1,517
May	[E] 8,171	[E] 5,859	1,921	37	1,116	19,491	1,553
June	[E] 8,095	[E] 5,799	1,910	-668	859	19,608	1,559
July	[E] 8,108	[E] 5,806	1,892	189	11	19,884	1,565
August	[E] 8,137	[E] 5,823	1,946	-165	-463	20,085	1,545
September	[E] 8,270	[E] 5,829	2,027	73	916	19,082	1,575
October	[RE] 8,224	[RE] 5,812	[R] 2,016	[R] 158	[R] -135	[R] 19,651	[R] 1,576
November*	[E] *8,220*	[PE] *5,872*	[E] *1,968*	[E] *65*	[E] *169*	[E] *19,300*	[E] *1,576*
11-Mo. Average	[E] **8,079**	[PE] **5,837**	[E] **1,860**	[E] **88**	[E] **242**	[E] **19,647**	**—**
2000 11-Mo. Average	**8,143**	**5,819**	**1,941**	**-53**	**90**	**19,598**	**—**
1999 11-Mo. Average	**8,087**	**5,874**	**1,840**	**-82**	**-147**	**19,428**	**—**

[a] A negative number indicates a decrease in stocks and a positive number indicates an increase. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[b] Stocks are totals as of end of period. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[c] Includes crude oil, natural gas plant liquids, and other liquids. Beginning in 1993, fuel ethanol blended into finished motor gasoline and oxygenate production from merchant MTBE plants are also included.

[d] Includes stocks located in the Strategic Petroleum Reserve.

[e] Includes crude oil for storage in the Strategic Petroleum Reserve.

[f] Net Imports equal Imports minus Exports.

[g] In January 1993, bulk terminal, pipeline, and merchant-producer stocks of oxygenates were added to surveys affecting stock levels and stock change calculations. See Summary Statistics Explanatory Note 4.

Footnotes continued on following page.

Table S1. Crude Oil and Petroleum Products Overview, 1986 - Present (Continued)

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Imports			Exports			Net Imports[f]
	Total	Crude Oil[e]	Petroleum Products	Total	Crude Oil	Petroleum Products	
1986 Average	**6,224**	**4,178**	**2,045**	**785**	**154**	**631**	**5,439**
1987 Average	**6,678**	**4,674**	**2,004**	**764**	**151**	**613**	**5,914**
1988 Average	**7,402**	**5,107**	**2,295**	**815**	**155**	**661**	**6,587**
1989 Average	**8,061**	**5,843**	**2,217**	**859**	**142**	**717**	**7,202**
1990 Average	**8,018**	**5,894**	**2,123**	**857**	**109**	**748**	**7,161**
1991 Average	**7,627**	**5,782**	**1,844**	**1,001**	**116**	**885**	**6,626**
1992 Average	**7,888**	**6,083**	**1,805**	**950**	**89**	**861**	**6,938**
1993 Average	**8,620**	**6,787**	**1,833**	**1,003**	**98**	**904**	**7,618**
1994 Average	**8,996**	**7,063**	**1,933**	**942**	**99**	**843**	**8,054**
1995 Average	**8,835**	**7,230**	**1,605**	**949**	**95**	**855**	**7,886**
1996 Average	**9,478**	**7,508**	**1,971**	**981**	**110**	**871**	**8,498**
1997 Average	**10,162**	**8,225**	**1,936**	**1,003**	**108**	**896**	**9,158**
1998 Average	**10,708**	**8,706**	**2,002**	**945**	**110**	**835**	**9,764**
1999 January	10,424	8,393	2,031	896	107	788	9,529
February	10,650	8,468	2,182	756	119	636	9,894
March	10,658	8,739	1,919	764	95	669	9,894
April	11,618	9,256	2,362	1,196	332	864	10,422
May	11,511	9,098	2,412	915	88	826	10,596
June	11,160	8,888	2,272	907	123	784	10,253
July	11,697	9,391	2,306	918	120	798	10,779
August	11,142	8,908	2,234	902	132	769	10,240
September	10,657	8,527	2,130	889	27	862	9,768
October	10,595	8,613	1,983	944	56	888	9,651
November	10,033	8,224	1,809	950	83	866	9,083
December	10,065	8,234	1,830	1,230	133	1,096	8,835
Average	**10,852**	**8,731**	**2,122**	**940**	**118**	**822**	**9,912**
2000 January	10,140	7,829	2,311	1,006	176	830	9,134
February	11,003	8,318	2,684	870	30	840	10,133
March	11,052	8,790	2,261	1,159	144	1,015	9,893
April	11,558	9,341	2,217	1,131	124	1,007	10,427
May	11,415	9,085	2,331	856	34	822	10,559
June	12,032	9,533	2,499	925	9	915	11,107
July	11,588	9,398	2,190	900	15	885	10,688
August	12,173	9,939	2,234	1,073	17	1,056	11,099
September	11,900	9,484	2,416	1,059	23	1,036	10,841
October	11,290	8,969	2,321	1,292	9	1,283	9,998
November	11,309	8,913	2,396	1,108	2	1,106	10,201
December	12,053	9,229	2,824	1,095	16	1,079	10,958
Average	**11,459**	**9,071**	**2,389**	**1,040**	**50**	**990**	**10,419**
2001 January	12,118	8,791	3,327	965	18	947	11,154
February	11,462	8,484	2,978	1,015	24	991	10,447
March	11,942	9,477	2,465	947	37	910	10,996
April	12,311	9,821	2,491	950	5	945	11,361
May	12,243	9,655	2,588	1,114	95	1,018	11,130
June	11,499	8,901	2,598	998	15	983	10,501
July	11,576	9,406	2,170	886	13	873	10,690
August	11,318	9,092	2,225	1,084	28	1,056	10,234
September	11,498	9,054	2,444	838	8	830	10,659
October	R 11,149	R 9,077	R 2,073	R 958	R 11	R 947	R 10,191
November*	E *11,397*	E *9,172*	E *2,225*	E *965*	E *31*	E *934*	E *10,431*
11-Mo. Average	E **11,685**	E **9,181**	E **2,504**	E **975**	E **26**	E **948**	E **10,711**
2000 11-Mo. Average	**11,404**	**9,056**	**2,348**	**1,035**	**53**	**982**	**10,369**
1999 11-Mo. Average	**10,925**	**8,777**	**2,149**	**913**	**116**	**796**	**10,012**

Footnotes continued.

R = Revised data. E = Estimated. PE = Preliminary estimate. RE = Revised estimate.

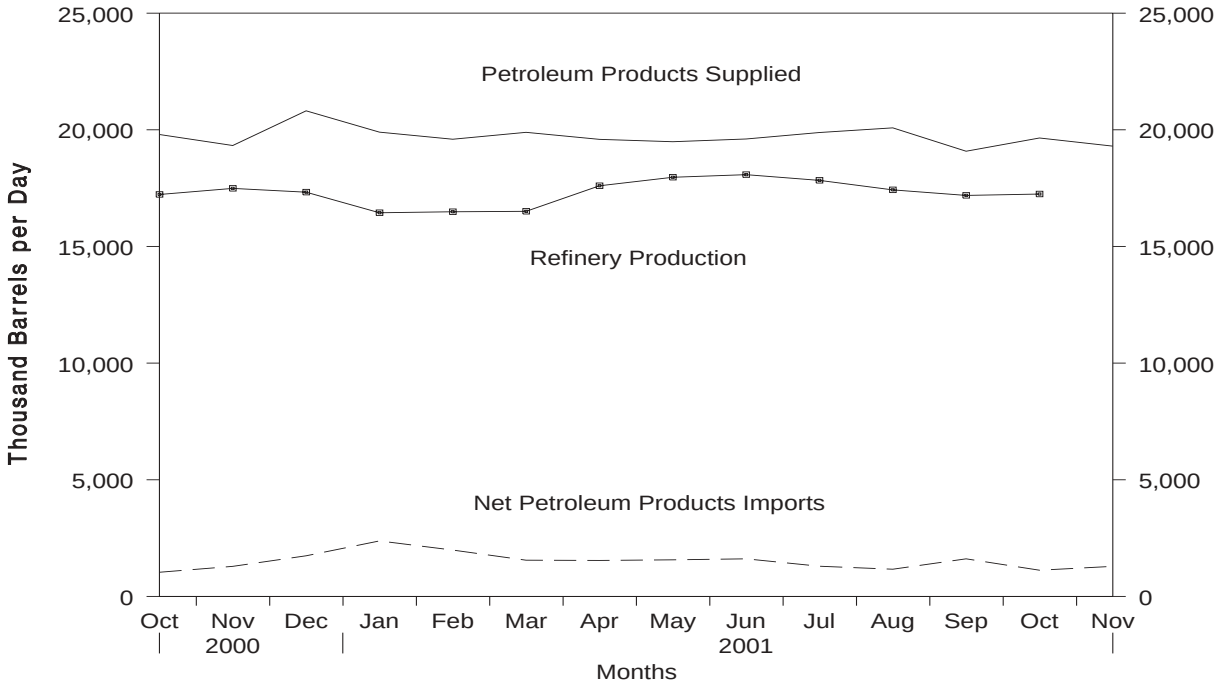
— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Crude oil includes lease condensate. • Italics denote estimates based upon preliminary data. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

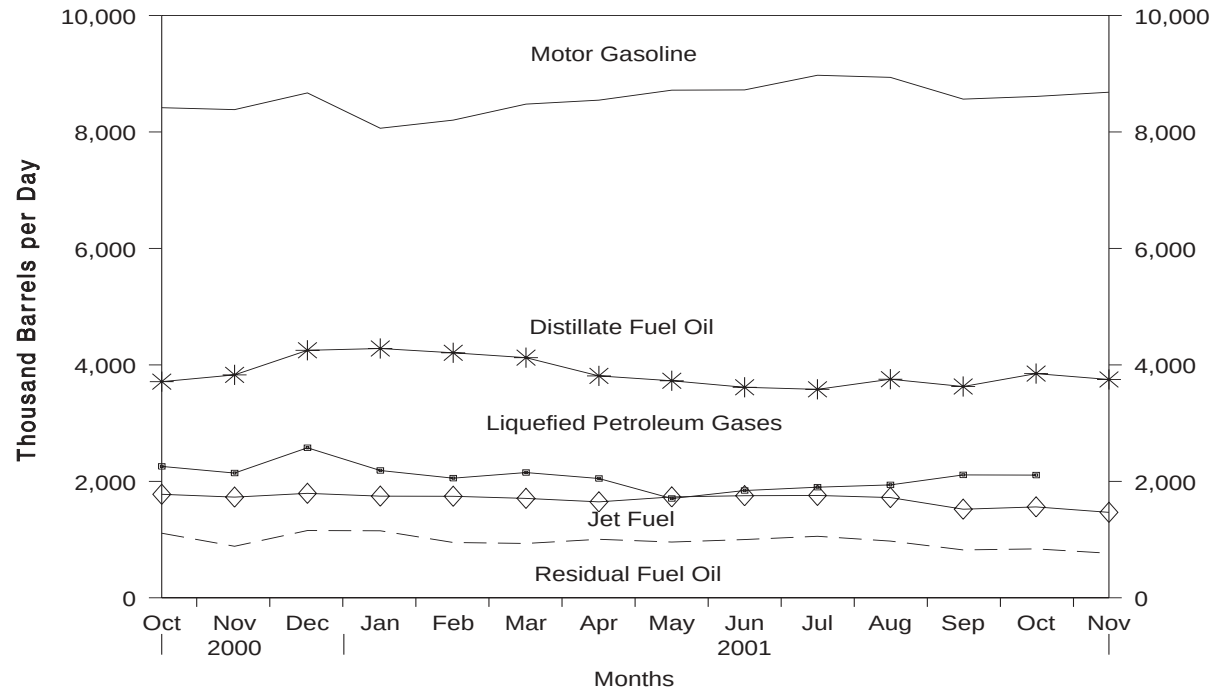
Source: See Summary Statistics Table and Figure Sources.

Figure S1. Petroleum Overview, October 2000 - Present



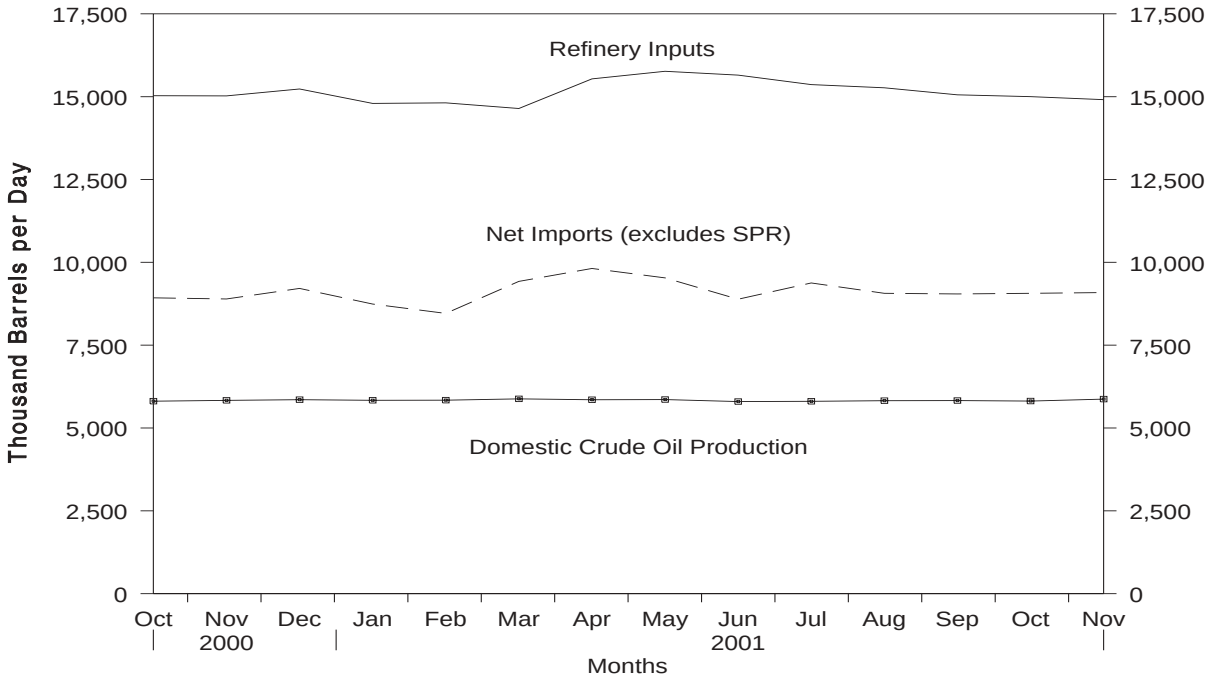
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S1. See Summary Statistics Table and Figure Sources.

Figure S2. Petroleum Products Supplied, October 2000 - Present



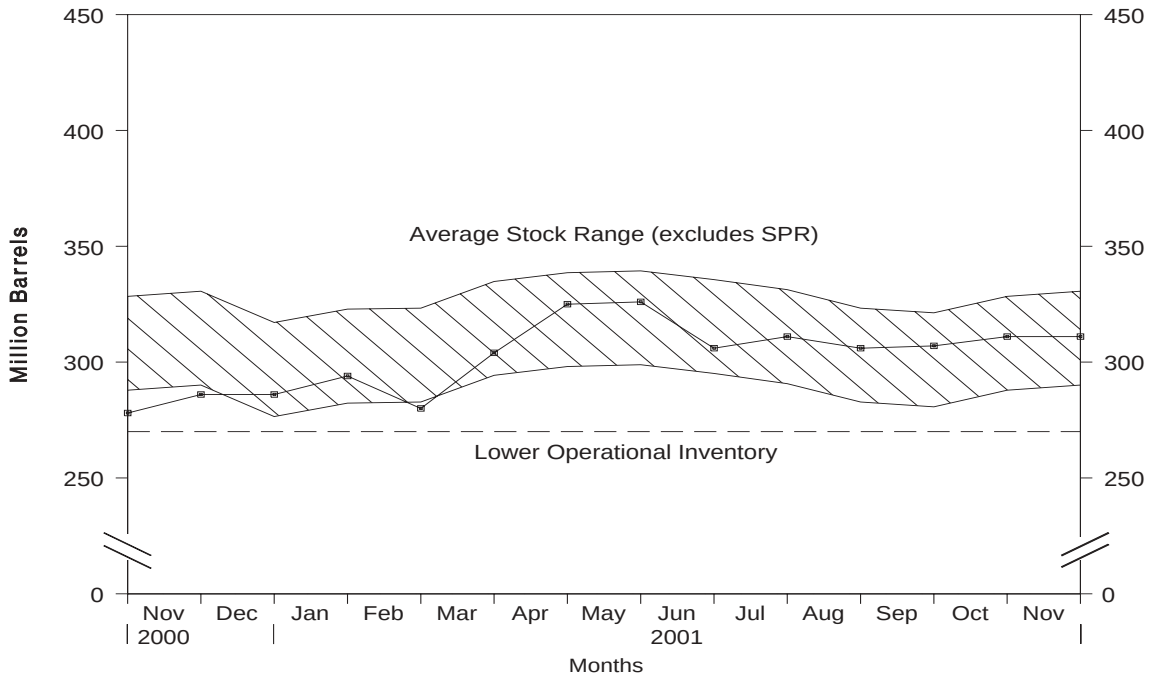
Source: Energy Information Administration, *Petroleum Supply Monthly*, Tables S4-S7, and S9. See Summary Statistics Table and Figure Sources.

Figure S3. Crude Oil Supply and Disposition, October 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S2. See Summary Statistics Table and Figure Sources.

Figure S4. Crude Oil Ending Stocks,[1] October 2000 - Present



[1]Excludes stocks held in the Strategic Petroleum Reserve (SPR).
Note: The Lower Operational Inventory for crude oil stocks is 270.0 million barrels.
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S2. See Summary Statistics Table and Figure Sources.

Table S2. Crude Oil Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply						Disposition
	Field Production		Imports			Unaccounted for Crude Oil[a]	Crude Losses
	Total Domestic	Alaskan	Total	SPR	Other		
1986 Average	**8,680**	**1,867**	**4,178**	**48**	**4,130**	**139**	**(s)**
1987 Average	**8,349**	**1,962**	**4,674**	**73**	**4,601**	**145**	**(s)**
1988 Average	**8,140**	**2,017**	**5,107**	**51**	**5,055**	**196**	**(s)**
1989 Average	**7,613**	**1,874**	**5,843**	**56**	**5,787**	**200**	**(s)**
1990 Average	**7,355**	**1,773**	**5,894**	**27**	**5,867**	**258**	**(s)**
1991 Average	**7,417**	**1,798**	**5,782**	**0**	**5,782**	**195**	**(s)**
1992 Average	**7,171**	**1,714**	**6,083**	**10**	**6,073**	**258**	**(s)**
1993 Average	**6,847**	**1,582**	**6,787**	**15**	**6,772**	**168**	**(s)**
1994 Average	**6,662**	**1,559**	**7,063**	**12**	**7,051**	**266**	**(s)**
1995 Average	**6,560**	**1,484**	**7,230**	**0**	**7,230**	**193**	**(s)**
1996 Average	**6,465**	**1,393**	**7,508**	**0**	**7,508**	**215**	**(s)**
1997 Average	**6,452**	**1,296**	**8,225**	**0**	**8,225**	**145**	**0**
1998 Average	**6,252**	**1,175**	**8,706**	**0**	**8,706**	**115**	**(s)**
1999 January	5,963	1,164	8,393	0	8,393	490	0
February	5,966	1,104	8,468	0	8,468	45	(s)
March	5,883	1,134	8,739	0	8,739	338	(s)
April	5,887	1,056	9,256	0	9,256	-18	0
May	5,875	1,088	9,098	0	9,098	270	0
June	5,760	967	8,888	0	8,888	198	0
July	5,798	990	9,391	0	9,391	202	0
August	5,780	1,011	8,908	31	8,877	177	0
September	5,804	933	8,527	17	8,509	436	0
October	5,947	1,068	8,613	17	8,595	(s)	0
November	5,960	1,023	8,224	17	8,207	306	0
December	5,959	1,058	8,234	16	8,218	-156	0
Average	**5,881**	**1,050**	**8,731**	**8**	**8,722**	**191**	**(s)**
2000 January	5,784	1,024	7,829	3	7,826	362	0
February	5,852	1,031	8,318	17	8,301	-14	0
March	5,918	1,013	8,790	0	8,790	412	0
April	5,854	1,008	9,341	0	9,341	206	0
May	5,847	966	9,085	0	9,085	303	0
June	5,823	925	9,533	16	9,518	143	0
July	5,739	913	9,398	15	9,383	471	0
August	5,789	914	9,939	0	9,939	127	0
September	5,758	892	9,484	0	9,484	-159	0
October	5,809	966	8,969	32	8,938	70	0
November	5,833	986	8,913	17	8,896	-1	0
December	5,855	1,010	9,229	0	9,229	-86	0
Average	**5,822**	**970**	**9,071**	**8**	**9,062**	**155**	**0**
2001 January	E 5,836	E 980	8,791	32	8,759	398	0
February	E 5,840	E 977	8,484	0	8,484	22	0
March	E 5,878	E 1,009	9,477	15	9,462	121	0
April	E 5,854	E 986	9,821	0	9,821	566	0
May	E 5,859	E 957	9,655	30	9,625	384	0
June	E 5,799	E 935	8,901	0	8,901	298	0
July	E 5,806	E 927	9,406	15	9,391	354	0
August	E 5,823	E 963	9,092	0	9,092	214	0
September	E 5,829	E 925	9,054	0	9,054	254	0
October	RE 5,812	RE 895	R 9,077	0	R 9,077	R 282	0
November*	PE *5,872*	PE *1,038*	E *9,172*	E *53*	E *9,119*	E *-37*	E *0*
11-Mo. Average	PE **5,837**	PE **963**	E **9,181**	E **13**	E **9,168**	E **262**	E **0**
2000 11-Mo. Average	**5,819**	**967**	**9,056**	**9**	**9,047**	**177**	**0**
1999 11-Mo. Average	**5,874**	**1,049**	**8,777**	**8**	**8,769**	**224**	**(s)**

a Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50 thousand barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

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

c Stocks are totals as of end of period.

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

Footnotes continued on following page.

Table S2. Crude Oil Supply and Disposition, 1986 - Present (Continued)
(Thousand Barrels per Day, Except Where Noted)

Year/Month	Disposition					Ending Stocks[c] (Million Barrels)		
	Stock Change[b]		Refinery Inputs	Exports	Product Supplied	Total	SPR[d]	Other Primary
	SPR[d]	Other						
1986 Average	**50**	**28**	**12,716**	**154**	**49**	**843**	**512**	**331**
1987 Average	**80**	**49**	**12,854**	**151**	**34**	**890**	**541**	**349**
1988 Average	**52**	**-51**	**13,246**	**155**	**40**	**890**	**560**	**330**
1989 Average	**56**	**30**	**13,401**	**142**	**28**	**921**	**580**	**341**
1990 Average	**16**	**-51**	**13,409**	**109**	**24**	**908**	**586**	**323**
1991 Average	**-47**	**5**	**13,301**	**116**	**18**	**893**	**569**	**325**
1992 Average	**17**	**-18**	**13,411**	**89**	**13**	**893**	**575**	**318**
1993 Average	**34**	**47**	**13,613**	**98**	**10**	**922**	**587**	**335**
1994 Average	**13**	**5**	**13,866**	**99**	**9**	**929**	**592**	**337**
1995 Average	**(s)**	**-93**	**13,973**	**95**	**7**	**895**	**592**	**303**
1996 Average	**-71**	**-53**	**14,195**	**110**	**6**	**850**	**566**	**284**
1997 Average	**-7**	**57**	**14,662**	**108**	**2**	**868**	**563**	**305**
1998 Average	**22**	**52**	**14,889**	**110**	**0**	**895**	**571**	**324**
1999 January	18	280	14,442	107	0	904	572	332
February	(s)	50	14,309	119	0	906	572	334
March	0	367	14,498	95	0	917	572	345
April	17	-317	15,094	332	0	908	572	335
May	37	145	14,973	88	0	914	574	340
June	40	-276	14,959	123	0	907	575	332
July	29	5	15,237	120	0	908	576	332
August	-27	-539	15,299	132	0	890	575	315
September	20	-388	15,107	27	0	879	575	304
October	-103	18	14,589	56	0	876	572	304
November	-105	-191	14,704	83	0	867	569	298
December	-60	-447	14,410	133	0	852	567	284
Average	**-11**	**-107**	**14,804**	**118**	**0**	**—**	**—**	**—**
2000 January	41	-20	13,779	176	0	852	568	284
February	30	68	14,028	30	0	855	569	286
March	1	363	14,613	144	0	867	569	297
April	0	225	15,053	124	0	873	569	304
May	0	-294	15,494	34	0	864	569	295
June	-17	-136	15,643	9	0	860	569	291
July	47	-272	15,819	15	0	853	570	282
August	33	164	15,640	17	0	859	571	287
September	-34	-313	15,407	23	0	848	570	278
October	-189	(s)	15,029	9	0	842	564	278
November	-566	285	15,023	2	0	834	548	286
December	-220	-30	15,232	16	0	826	541	286
Average	**-73**	**3**	**15,067**	**50**	**0**	**—**	**—**	**—**
2001 January	32	179	14,797	18	0	836	542	294
February	(s)	-492	14,813	24	0	822	542	280
March	20	775	14,643	37	0	847	542	304
April	2	698	15,537	5	0	868	542	325
May	30	8	15,766	95	0	869	543	326
June	0	-668	15,651	15	0	849	543	306
July	15	174	15,364	13	0	855	544	311
August	0	-165	15,267	28	0	850	544	306
September	34	38	15,055	8	0	852	545	307
October	R 14	R 144	R 15,001	R 11	0	857	545	311
November*	E *73*	E *-8*	E *14,910*	E *31*	E *0*	E *859*	E *547*	E *311*
11-Mo. Average	E **20**	E **68**	E **15,166**	E **26**	E **0**	**—**	**—**	**—**
2000 11-Mo. Average	**-59**	**6**	**15,051**	**53**	**0**	**—**	**—**	**—**
1999 11-Mo. Average	**-7**	**-75**	**14,840**	**116**	**0**	**—**	**—**	**—**

Footnotes continued.

R = Revised data. (s) = Less than 500 barrels per day. E = Estimated. PE = Preliminary estimate. RE = Revised estimate.

SPR = Strategic Petroleum Reserve.

— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Crude oil includes lease condensate. • Italics denote estimates based upon preliminary data. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

Source: See Summary Statistics Table and Figure Sources.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present

(Thousand Barrels per Day)

Year/Month		Imports from Arab-OPEC Sources							
		Algeria		Iraq		Kuwait[b]		Libya	
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**271**	**78**	**81**	**81**	**68**	**28**	**0**	**0**
1987	**Average**	**295**	**115**	**83**	**82**	**84**	**70**	**0**	**0**
1988	**Average**	**300**	**58**	**345**	**343**	**92**	**80**	**0**	**0**
1989	**Average**	**269**	**60**	**449**	**441**	**157**	**155**	**0**	**0**
1990	**Average**	**280**	**63**	**518**	**514**	**86**	**79**	**0**	**0**
1991	**Average**	**253**	**44**	**0**	**0**	**6**	**6**	**0**	**0**
1992	**Average**	**196**	**24**	**0**	**0**	**51**	**39**	**0**	**0**
1993	**Average**	**220**	**24**	**0**	**0**	**353**	**344**	**0**	**0**
1994	**Average**	**243**	**21**	**0**	**0**	**312**	**307**	**0**	**0**
1995	**Average**	**234**	**27**	**0**	**0**	**218**	**213**	**0**	**0**
1996	**Average**	**256**	**8**	**1**	**1**	**236**	**235**	**0**	**0**
1997	**Average**	**285**	**6**	**89**	**89**	**253**	**253**	**0**	**0**
1998	**Average**	**290**	**10**	**336**	**336**	**301**	**300**	**0**	**0**
1999	January	246	20	485	485	132	132	0	0
	February	209	6	681	681	205	205	0	0
	March	285	6	791	791	324	324	0	0
	April	321	80	829	829	286	279	0	0
	May	303	107	750	750	227	227	0	0
	June	255	7	773	773	259	259	0	0
	July	302	48	680	680	311	311	0	0
	August	249	0	672	672	348	348	0	0
	September	255	4	741	741	261	261	0	0
	October	183	0	922	922	205	205	0	0
	November	211	11	713	713	216	216	0	0
	December	279	15	668	668	200	186	0	0
	Average	**259**	**25**	**725**	**725**	**248**	**246**	**0**	**0**
2000	January	240	7	254	254	239	218	0	0
	February	256	0	750	750	267	264	0	0
	March	199	0	468	468	162	162	0	0
	April	195	(s)	657	657	264	247	0	0
	May	270	0	438	438	170	166	0	0
	June	222	0	830	830	210	210	0	0
	July	205	0	762	762	264	264	0	0
	August	236	0	765	765	405	405	0	0
	September	216	0	765	765	352	338	0	0
	October	210	0	653	653	337	337	0	0
	November	212	0	585	585	248	237	0	0
	December	240	0	528	528	344	311	0	0
	Average	**225**	**1**	**620**	**620**	**272**	**263**	**0**	**0**
2001	January	286	0	294	294	242	206	0	0
	February	223	0	236	236	280	251	0	0
	March	279	19	566	566	302	302	0	0
	April	326	0	862	862	242	221	0	0
	May	379	54	973	973	251	240	0	0
	June	265	20	740	740	255	255	0	0
	July	190	0	697	697	287	287	0	0
	August	243	0	562	562	256	256	0	0
	September	200	0	1,192	1,192	243	220	0	0
	October	269	0	1,166	1,166	221	221	0	0
	10-Mo. Average	**266**	**9**	**732**	**732**	**258**	**246**	**0**	**0**
2000	**10-Mo. Average**	**225**	**1**	**632**	**632**	**267**	**261**	**0**	**0**
1999	**10-Mo. Average**	**261**	**28**	**733**	**733**	**256**	**255**	**0**	**0**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month		Imports from Arab-OPEC Sources							
		Qatar		Saudi Arabia[b]		United Arab Emirates		Total Arab OPEC	
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**13**	**12**	**685**	**618**	**44**	**38**	**1,162**	**854**
1987	**Average**	**0**	**0**	**751**	**642**	**61**	**56**	**1,274**	**965**
1988	**Average**	**0**	**0**	**1,073**	**911**	**29**	**23**	**1,839**	**1,415**
1989	**Average**	**2**	**2**	**1,224**	**1,116**	**28**	**21**	**2,130**	**1,794**
1990	**Average**	**4**	**4**	**1,339**	**1,195**	**17**	**9**	**2,244**	**1,864**
1991	**Average**	**0**	**0**	**1,802**	**1,703**	**3**	**2**	**2,064**	**1,754**
1992	**Average**	**1**	**0**	**1,720**	**1,597**	**6**	**0**	**1,974**	**1,660**
1993	**Average**	**1**	**0**	**1,414**	**1,282**	**14**	**12**	**2,000**	**1,661**
1994	**Average**	**0**	**0**	**1,402**	**1,297**	**13**	**11**	**1,970**	**1,636**
1995	**Average**	**0**	**0**	**1,344**	**1,260**	**10**	**5**	**1,806**	**1,505**
1996	**Average**	**0**	**0**	**1,363**	**1,248**	**3**	**3**	**1,859**	**1,496**
1997	**Average**	**4**	**0**	**1,407**	**1,293**	**2**	**0**	**2,040**	**1,641**
1998	**Average**	**4**	**1**	**1,491**	**1,404**	**3**	**3**	**2,424**	**2,053**
1999	January	0	0	1,511	1,410	0	0	2,375	2,047
	February	0	0	1,497	1,417	0	0	2,592	2,309
	March	34	0	1,652	1,584	0	0	3,086	2,704
	April	31	0	1,482	1,417	5	0	2,954	2,606
	May	0	0	1,502	1,406	0	0	2,783	2,491
	June	0	0	1,539	1,438	19	0	2,845	2,477
	July	0	0	1,436	1,296	0	0	2,729	2,335
	August	18	0	1,474	1,373	3	0	2,763	2,392
	September	14	0	1,441	1,330	0	0	2,712	2,337
	October	0	0	1,353	1,251	0	0	2,663	2,378
	November	11	11	1,396	1,334	0	0	2,547	2,285
	December	8	0	1,455	1,391	0	0	2,610	2,260
	Average	**10**	**1**	**1,478**	**1,387**	**2**	**0**	**2,722**	**2,385**
2000	January	12	0	1,543	1,483	0	0	2,288	1,962
	February	2	0	1,317	1,265	25	18	2,618	2,297
	March	9	0	1,548	1,490	17	0	2,404	2,120
	April	13	0	1,466	1,452	0	0	2,595	2,356
	May	9	0	1,566	1,510	34	0	2,488	2,115
	June	10	0	1,512	1,436	24	0	2,808	2,476
	July	8	0	1,554	1,486	24	15	2,817	2,528
	August	6	0	1,649	1,587	0	0	3,060	2,756
	September	10	0	1,669	1,645	31	0	3,043	2,748
	October	7	0	1,499	1,462	9	0	2,713	2,451
	November	15	0	1,624	1,567	9	0	2,693	2,389
	December	3	0	1,897	1,882	9	0	3,022	2,721
	Average	**9**	**0**	**1,572**	**1,523**	**15**	**3**	**2,712**	**2,410**
2001	January	7	0	1,758	1,629	138	79	2,723	2,207
	February	0	0	1,779	1,723	44	0	2,561	2,210
	March	20	0	1,787	1,728	4	0	2,958	2,615
	April	19	0	1,657	1,625	84	76	3,191	2,785
	May	30	0	1,770	1,724	52	35	3,456	3,026
	June	23	2	1,777	1,707	28	0	3,088	2,724
	July	11	0	1,713	1,683	10	0	2,907	2,667
	August	10	0	1,826	1,816	26	17	2,923	2,651
	September	14	0	1,478	1,439	84	32	3,211	2,884
	October	6	0	1,432	1,384	16	16	3,110	2,786
	10-Mo. Average	**14**	**(s)**	**1,697**	**1,646**	**48**	**26**	**3,016**	**2,659**
2000	**10-Mo. Average**	**9**	**0**	**1,534**	**1,483**	**16**	**3**	**2,683**	**2,380**
1999	**10-Mo. Average**	**10**	**0**	**1,489**	**1,392**	**3**	**0**	**2,751**	**2,408**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month		Imports from Other-OPEC Sources							
		Ecuador[c]		Gabon[d]		Indonesia		Iran	
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**77**	**64**	**26**	**25**	**318**	**297**	**19**	**19**
1987	**Average**	**29**	**23**	**35**	**35**	**285**	**262**	**98**	**98**
1988	**Average**	**47**	**33**	**16**	**15**	**205**	**186**	[g] **(s)**	[g] **(s)**
1989	**Average**	**89**	**80**	**50**	**49**	**183**	**158**	**0**	**0**
1990	**Average**	**49**	**38**	**64**	**64**	**114**	**98**	**0**	**0**
1991	**Average**	**63**	**53**	**84**	**84**	**111**	**102**	**32**	**32**
1992	**Average**	**65**	**62**	**124**	**123**	**78**	**70**	**0**	**0**
1993	**Average**	**81**	**78**	**152**	**151**	**81**	**65**	**0**	**0**
1994	**Average**	**(c)**	**(c)**	**194**	**194**	**111**	**92**	**0**	**0**
1995	**Average**	**(c)**	**(c)**	**(d)**	**(d)**	**88**	**64**	**0**	**0**
1996	**Average**	**(c)**	**(c)**	**(d)**	**(d)**	**59**	**44**	**0**	**0**
1997	**Average**	**(c)**	**(c)**	**(d)**	**(d)**	**58**	**51**	**0**	**0**
1998	**Average**	**(c)**	**(c)**	**(d)**	**(d)**	**66**	**50**	**0**	**0**
1999	January	(c)	(c)	(d)	(d)	100	75	0	0
	February	(c)	(c)	(d)	(d)	66	66	0	0
	March	(c)	(c)	(d)	(d)	43	40	0	0
	April	(c)	(c)	(d)	(d)	98	94	0	0
	May	(c)	(c)	(d)	(d)	105	98	0	0
	June	(c)	(c)	(d)	(d)	66	52	0	0
	July	(c)	(c)	(d)	(d)	19	14	0	0
	August	(c)	(c)	(d)	(d)	95	85	0	0
	September	(c)	(c)	(d)	(d)	95	63	0	0
	October	(c)	(c)	(d)	(d)	98	79	0	0
	November	(c)	(c)	(d)	(d)	74	68	0	0
	December	(c)	(c)	(d)	(d)	118	99	0	0
	Average	**(c)**	**(c)**	**(d)**	**(d)**	**81**	**70**	**0**	**0**
2000	January	(c)	(c)	(d)	(d)	31	22	0	0
	February	(c)	(c)	(d)	(d)	32	28	0	0
	March	(c)	(c)	(d)	(d)	45	45	0	0
	April	(c)	(c)	(d)	(d)	91	70	0	0
	May	(c)	(c)	(d)	(d)	35	30	0	0
	June	(c)	(c)	(d)	(d)	46	42	0	0
	July	(c)	(c)	(d)	(d)	20	14	0	0
	August	(c)	(c)	(d)	(d)	61	55	0	0
	September	(c)	(c)	(d)	(d)	28	28	0	0
	October	(c)	(c)	(d)	(d)	37	34	0	0
	November	(c)	(c)	(d)	(d)	60	29	0	0
	December	(c)	(c)	(d)	(d)	92	41	0	0
	Average	**(c)**	**(c)**	**(d)**	**(d)**	**48**	**36**	**0**	**0**
2001	January	(c)	(c)	(d)	(d)	48	20	0	0
	February	(c)	(c)	(d)	(d)	76	42	0	0
	March	(c)	(c)	(d)	(d)	74	57	0	0
	April	(c)	(c)	(d)	(d)	58	52	0	0
	May	(c)	(c)	(d)	(d)	78	73	0	0
	June	(c)	(c)	(d)	(d)	65	57	0	0
	July	(c)	(c)	(d)	(d)	29	28	0	0
	August	(c)	(c)	(d)	(d)	38	37	0	0
	September	(c)	(c)	(d)	(d)	26	25	0	0
	October	(c)	(c)	(d)	(d)	39	29	0	0
	10-Mo. Average	**(c)**	**(c)**	**(d)**	**(d)**	**53**	**42**	**0**	**0**
2000	**10-Mo. Average**	**(c)**	**(c)**	**(d)**	**(d)**	**43**	**37**	**0**	**0**
1999	**10-Mo. Average**	**(c)**	**(c)**	**(d)**	**(d)**	**78**	**67**	**0**	**0**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month		Imports from Other-OPEC Sources						Total OPEC[c,d,e]	
		Nigeria		Venezuela		Total Other OPEC[c,d]			
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**440**	**437**	**793**	**416**	**1,674**	**1,259**	**2,837**	**2,113**
1987	**Average**	**535**	**529**	**804**	**488**	**1,787**	**1,435**	**3,060**	**2,400**
1988	**Average**	**618**	**607**	**794**	**439**	**1,681**	**1,281**	**3,520**	**2,696**
1989	**Average**	**815**	**800**	**873**	**495**	**2,010**	**1,582**	**4,140**	**3,376**
1990	**Average**	**800**	**784**	**1,025**	**666**	**2,052**	**1,650**	**4,296**	**3,514**
1991	**Average**	**703**	**683**	**1,035**	**668**	**2,028**	**1,622**	**4,092**	**3,377**
1992	**Average**	**681**	**665**	**1,170**	**826**	**2,117**	**1,746**	**4,092**	**3,406**
1993	**Average**	**740**	**722**	**1,300**	**1,010**	**2,354**	**2,026**	**4,354**	**3,687**
1994	**Average**	**637**	**624**	**1,334**	**1,034**	**2,277**	**1,944**	**4,247**	**3,580**
1995	**Average**	**627**	**621**	**1,480**	**1,151**	**2,196**	**1,835**	**4,002**	**3,341**
1996	**Average**	**617**	**595**	**1,676**	**1,303**	**2,353**	**1,942**	**4,211**	**3,438**
1997	**Average**	**698**	**689**	**1,773**	**1,394**	**2,529**	**2,134**	**4,569**	**3,775**
1998	**Average**	**696**	**689**	**1,719**	**1,377**	**2,481**	**2,116**	**4,905**	**4,169**
1999	January	702	686	1,641	1,243	2,444	2,004	4,819	4,051
	February	701	661	1,751	1,298	2,518	2,025	5,110	4,334
	March	650	613	1,331	1,001	2,023	1,654	5,109	4,358
	April	890	848	1,737	1,420	2,725	2,362	5,679	4,968
	May	617	572	1,574	1,213	2,296	1,883	5,079	4,374
	June	703	667	1,426	1,047	2,195	1,766	5,040	4,243
	July	666	645	1,602	1,222	2,287	1,881	5,016	4,216
	August	800	766	1,480	1,183	2,374	2,035	5,137	4,427
	September	535	505	1,484	1,138	2,113	1,707	4,825	4,044
	October	543	522	1,340	1,041	1,981	1,642	4,645	4,020
	November	588	548	1,222	942	1,885	1,558	4,431	3,843
	December	490	450	1,346	1,069	1,954	1,618	4,564	3,878
	Average	**657**	**623**	**1,493**	**1,150**	**2,231**	**1,843**	**4,953**	**4,228**
2000	January	490	439	1,360	1,051	1,881	1,512	4,169	3,474
	February	657	636	1,600	1,198	2,289	1,863	4,907	4,160
	March	1,038	1,005	1,567	1,209	2,651	2,260	5,054	4,379
	April	948	931	1,537	1,176	2,576	2,176	5,171	4,533
	May	913	902	1,468	1,102	2,416	2,035	4,904	4,150
	June	1,189	1,136	1,516	1,207	2,750	2,385	5,558	4,861
	July	895	876	1,446	1,159	2,361	2,049	5,178	4,577
	August	1,122	1,108	1,661	1,429	2,844	2,591	5,904	5,348
	September	1,020	1,008	1,378	1,075	2,426	2,112	5,470	4,859
	October	946	943	1,610	1,293	2,594	2,270	5,307	4,721
	November	851	836	1,632	1,358	2,543	2,222	5,236	4,612
	December	686	673	1,776	1,419	2,553	2,132	5,575	4,854
	Average	**896**	**875**	**1,546**	**1,223**	**2,491**	**2,134**	**5,203**	**4,544**
2001	January	873	842	1,761	1,416	2,681	2,278	5,405	4,486
	February	894	859	1,467	1,234	2,438	2,135	4,999	4,345
	March	983	963	1,769	1,463	2,825	2,484	5,783	5,100
	April	1,122	1,078	1,611	1,322	2,792	2,452	5,983	5,237
	May	949	877	1,477	1,264	2,504	2,214	5,960	5,240
	June	765	706	1,597	1,280	2,427	2,043	5,515	4,767
	July	847	813	1,682	1,445	2,558	2,286	5,466	4,953
	August	720	682	1,553	1,342	2,311	2,062	5,234	4,713
	September	1,007	944	1,276	1,041	2,309	2,009	5,520	4,893
	October	784	755	1,473	1,257	2,297	2,041	5,406	4,827
	10-Mo. Average	**894**	**851**	**1,568**	**1,308**	**2,515**	**2,201**	**5,531**	**4,860**
2000	**10-Mo. Average**	**922**	**899**	**1,514**	**1,190**	**2,479**	**2,126**	**5,162**	**4,506**
1999	**10-Mo. Average**	**680**	**648**	**1,534**	**1,179**	**2,293**	**1,894**	**5,044**	**4,302**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month		Imports from Non-OPEC Sources[a]											
		Angola		Australia		Bahama Islands		Brazil		Canada		China, People's Republic of	
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**112**	**102**	**41**	**30**	**37**	**0**	**50**	**0**	**807**	**570**	**90**	**68**
1987	**Average**	**192**	**180**	**58**	**49**	**37**	**0**	**84**	**0**	**848**	**608**	**82**	**63**
1988	**Average**	**212**	**203**	**64**	**59**	**32**	**0**	**98**	**0**	**999**	**681**	**88**	**82**
1989	**Average**	**284**	**279**	**36**	**31**	**34**	**0**	**82**	**0**	**931**	**630**	**80**	**76**
1990	**Average**	**237**	**236**	**53**	**47**	**37**	**0**	**49**	**0**	**934**	**643**	**80**	**77**
1991	**Average**	**254**	**254**	**26**	**21**	**35**	**0**	**22**	**0**	**1,033**	**743**	**91**	**87**
1992	**Average**	**336**	**336**	**19**	**17**	**36**	**0**	**20**	**0**	**1,069**	**797**	**90**	**84**
1993	**Average**	**336**	**336**	**19**	**18**	**28**	**0**	**33**	**0**	**1,181**	**900**	**51**	**50**
1994	**Average**	**331**	**322**	**17**	**16**	**29**	**0**	**31**	**1**	**1,272**	**983**	**65**	**64**
1995	**Average**	**367**	**360**	**16**	**16**	**2**	**0**	**8**	**0**	**1,332**	**1,040**	**53**	**53**
1996	**Average**	**351**	**344**	**31**	**25**	**1**	**0**	**9**	**0**	**1,424**	**1,075**	**57**	**57**
1997	**Average**	**427**	**425**	**48**	**31**	**1**	**0**	**5**	**0**	**1,563**	**1,198**	**49**	**48**
1998	**Average**	**468**	**465**	**57**	**31**	**4**	**0**	**26**	**0**	**1,598**	**1,266**	**42**	**42**
1999	January	421	421	0	0	0	0	3	0	1,600	1,196	(s)	0
	February	380	364	73	49	0	0	22	0	1,459	1,081	2	0
	March	270	270	53	53	0	0	15	0	1,365	1,056	31	30
	April	401	393	19	19	7	0	26	0	1,373	1,057	21	21
	May	407	400	55	37	23	0	47	0	1,523	1,104	2	0
	June	334	334	56	34	0	0	48	0	1,477	1,159	67	19
	July	349	349	30	30	8	0	31	0	1,694	1,354	19	19
	August	309	309	65	47	0	0	30	0	1,653	1,263	72	33
	September	465	465	110	65	0	0	16	0	1,407	1,067	37	34
	October	444	444	0	0	0	0	18	0	1,627	1,229	0	0
	November	307	307	22	22	0	0	37	0	1,592	1,264	1	0
	December	244	227	23	23	0	0	18	0	1,684	1,291	1	0
	Average	**361**	**357**	**42**	**31**	**3**	**0**	**26**	**0**	**1,539**	**1,178**	**21**	**13**
2000	January	249	247	43	43	0	0	59	0	1,869	1,378	7	0
	February	186	177	58	50	0	0	21	0	1,904	1,350	22	21
	March	312	308	44	44	0	0	10	0	1,673	1,261	91	37
	April	348	335	97	70	0	0	57	0	1,750	1,323	61	18
	May	378	366	94	65	0	0	33	0	1,907	1,488	39	28
	June	376	359	56	56	0	0	102	19	1,830	1,430	55	54
	July	310	310	87	84	0	0	88	11	1,775	1,376	44	39
	August	279	279	45	45	0	0	72	17	1,790	1,318	33	32
	September	266	266	42	22	0	0	22	0	1,789	1,321	40	40
	October	266	254	42	42	0	0	37	0	1,716	1,262	70	69
	November	341	329	22	22	0	0	80	13	1,736	1,283	21	20
	December	301	301	42	42	0	0	36	0	1,948	1,380	45	39
	Average	**301**	**295**	**56**	**49**	**0**	**0**	**51**	**5**	**1,807**	**1,348**	**44**	**33**
2001	January	312	300	74	65	0	0	105	35	1,827	1,297	33	33
	February	499	485	27	20	0	0	88	0	1,828	1,313	2	0
	March	374	374	47	20	6	0	80	21	1,893	1,378	32	14
	April	303	303	111	68	14	0	80	31	1,812	1,355	24	14
	May	336	336	16	15	0	0	120	16	1,736	1,325	31	21
	June	283	283	22	22	14	0	67	0	1,848	1,425	26	0
	July	310	298	65	65	0	0	78	0	1,659	1,225	23	20
	August	323	311	20	20	19	0	54	0	1,674	1,226	57	28
	September	349	339	46	46	10	0	80	17	1,691	1,245	21	0
	October	242	222	30	21	26	0	84	32	1,697	1,283	21	21
	10-Mo. Average	**332**	**324**	**46**	**36**	**9**	**0**	**84**	**15**	**1,766**	**1,307**	**27**	**15**
2000	**10-Mo. Average**	**298**	**291**	**61**	**52**	**0**	**0**	**50**	**5**	**1,800**	**1,351**	**46**	**34**
1999	**10-Mo. Average**	**378**	**375**	**46**	**33**	**4**	**0**	**26**	**0**	**1,519**	**1,158**	**25**	**16**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month		Imports from Non-OPEC Sources[a]											
		Colombia		Ecuador[c]		Gabon[d]		Italy		Malaysia		Mexico	
		Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986	**Average**	**87**	**57**	(c)	(c)	(d)	(d)	**76**	**0**	**12**	**11**	**699**	**621**
1987	**Average**	**148**	**115**	(c)	(c)	(d)	(d)	**54**	**1**	**13**	**12**	**655**	**602**
1988	**Average**	**134**	**106**	(c)	(c)	(d)	(d)	**65**	**5**	**19**	**19**	**747**	**674**
1989	**Average**	**172**	**136**	(c)	(c)	(d)	(d)	**34**	**3**	**39**	**39**	**767**	**716**
1990	**Average**	**182**	**140**	(c)	(c)	(d)	(d)	**58**	**2**	**41**	**40**	**755**	**689**
1991	**Average**	**163**	**123**	(c)	(c)	(d)	(d)	**47**	**3**	**24**	**24**	**807**	**759**
1992	**Average**	**126**	**102**	(c)	(c)	(d)	(d)	**55**	**0**	**10**	**10**	**830**	**787**
1993	**Average**	**171**	**141**	(c)	(c)	(d)	(d)	**31**	**0**	**11**	**10**	**919**	**863**
1994	**Average**	**161**	**146**	**91**	**91**	(d)	(d)	**22**	**0**	**10**	**6**	**984**	**939**
1995	**Average**	**219**	**207**	**97**	**96**	**229**	**229**	**5**	**0**	**8**	**6**	**1,068**	**1,027**
1996	**Average**	**234**	**226**	**104**	**96**	**184**	**184**	**8**	**0**	**11**	**6**	**1,244**	**1,207**
1997	**Average**	**271**	**270**	**115**	**114**	**230**	**230**	**7**	**0**	**23**	**8**	**1,385**	**1,360**
1998	**Average**	**354**	**349**	**101**	**98**	**207**	**207**	**12**	**0**	**35**	**26**	**1,351**	**1,321**
1999	January	445	440	70	66	194	194	0	0	28	13	1,337	1,254
	February	480	458	51	45	175	175	17	0	20	0	1,279	1,231
	March	592	572	131	123	111	111	10	0	0	0	1,490	1,434
	April	435	425	67	61	269	269	19	0	27	14	1,403	1,315
	May	458	443	145	128	190	190	30	0	67	56	1,333	1,246
	June	370	351	112	112	92	92	8	0	31	22	1,355	1,297
	July	600	572	88	88	140	140	0	0	30	17	1,379	1,310
	August	547	521	133	133	95	95	0	0	64	49	1,339	1,225
	September	406	388	136	136	159	159	8	0	44	22	1,282	1,219
	October	432	432	163	163	186	186	7	0	39	36	1,189	1,131
	November	416	396	185	179	190	190	6	0	30	10	1,230	1,165
	December	433	421	128	128	216	216	13	0	32	13	1,272	1,217
	Average	**468**	**452**	**118**	**114**	**168**	**168**	**10**	**0**	**35**	**21**	**1,324**	**1,254**
2000	January	452	426	83	83	150	150	16	0	84	65	1,340	1,266
	February	355	335	102	102	155	155	48	0	71	36	1,237	1,150
	March	464	460	122	122	136	128	29	0	34	15	1,382	1,286
	April	402	370	114	114	172	172	20	0	34	25	1,417	1,359
	May	346	338	91	91	155	155	13	0	35	20	1,362	1,314
	June	283	265	106	96	88	88	36	0	29	14	1,499	1,431
	July	237	199	112	112	105	105	18	0	55	42	1,311	1,241
	August	313	299	190	184	106	106	20	0	21	0	1,426	1,381
	September	360	332	205	202	182	182	24	0	15	0	1,494	1,437
	October	207	180	166	160	164	164	23	0	86	66	1,263	1,248
	November	324	283	141	136	181	181	49	0	21	11	1,340	1,290
	December	359	327	104	96	129	129	69	0	59	55	1,405	1,348
	Average	**342**	**318**	**128**	**125**	**143**	**143**	**30**	**0**	**45**	**29**	**1,373**	**1,313**
2001	January	360	326	97	94	94	94	43	0	37	0	1,403	1,363
	February	321	294	90	90	177	177	44	0	18	0	1,088	1,026
	March	210	186	80	80	152	152	64	0	87	54	1,433	1,351
	April	276	232	111	108	177	177	24	0	38	22	1,558	1,533
	May	296	233	155	149	127	127	49	0	30	0	1,305	1,258
	June	293	233	111	84	155	155	32	0	24	13	1,234	1,214
	July	211	187	105	105	149	149	55	0	13	0	1,343	1,317
	August	338	314	113	101	98	98	19	0	26	10	1,452	1,403
	September	269	231	123	122	86	86	63	0	29	21	1,473	1,420
	October	231	224	184	178	136	136	18	0	59	34	1,432	1,399
	10-Mo. Average	**280**	**246**	**117**	**112**	**135**	**135**	**41**	**0**	**36**	**16**	**1,374**	**1,331**
2000	**10-Mo. Average**	**342**	**320**	**129**	**127**	**141**	**140**	**25**	**0**	**47**	**28**	**1,373**	**1,311**
1999	**10-Mo. Average**	**477**	**461**	**110**	**106**	**161**	**161**	**10**	**0**	**35**	**23**	**1,339**	**1,266**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month	Imports from Non-OPEC Sources[a]											
	Netherlands		Netherlands Antilles		Norway		Puerto Rico		Russia[f]		Spain	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986 Average	**54**	**0**	**25**	**0**	**60**	**53**	**21**	**0**	**18**	**(s)**	**53**	**0**
1987 Average	**60**	**0**	**29**	**0**	**80**	**70**	**21**	**0**	**11**	**0**	**55**	**0**
1988 Average	**61**	**0**	**36**	**0**	**67**	**62**	**22**	**0**	**29**	**0**	**68**	**0**
1989 Average	**49**	**0**	**42**	**0**	**138**	**127**	**32**	**0**	**48**	**0**	**67**	**0**
1990 Average	**55**	**0**	**31**	**0**	**102**	**96**	**32**	**0**	**45**	**1**	**47**	**0**
1991 Average	**29**	**0**	**81**	**0**	**82**	**74**	**27**	**0**	**29**	**1**	**33**	**0**
1992 Average	**26**	**0**	**65**	**0**	**127**	**119**	**26**	**0**	**18**	**5**	**32**	**0**
1993 Average	**10**	**0**	**82**	**0**	**142**	**137**	**29**	**0**	**55**	**36**	**37**	**0**
1994 Average	**32**	**0**	**98**	**0**	**202**	**190**	**22**	**0**	**30**	**27**	**37**	**0**
1995 Average	**15**	**0**	**52**	**0**	**273**	**258**	**15**	**0**	**25**	**14**	**16**	**1**
1996 Average	**19**	**0**	**64**	**0**	**313**	**293**	**20**	**0**	**25**	**18**	**29**	**1**
1997 Average	**25**	**0**	**74**	**0**	**309**	**288**	**16**	**0**	**13**	**3**	**21**	**0**
1998 Average	**31**	**0**	**82**	**0**	**236**	**221**	**15**	**0**	**24**	**9**	**18**	**0**
1999 January	21	0	95	0	216	179	18	0	28	0	4	0
February	7	0	160	0	203	157	0	0	28	0	0	0
March	20	0	58	0	248	199	3	0	26	0	5	0
April	34	0	76	0	265	192	15	0	75	43	13	0
May	65	0	81	0	293	244	10	0	109	45	26	0
June	44	0	31	0	524	497	15	0	149	22	0	0
July	37	0	83	0	408	396	13	0	139	32	8	0
August	35	0	58	0	244	222	12	0	138	14	13	0
September	2	0	30	0	235	195	22	0	142	39	(s)	0
October	17	0	49	0	341	292	13	0	110	31	22	0
November	24	0	44	0	288	255	12	0	94	16	23	0
December	11	0	24	0	371	326	15	0	31	12	9	0
Average	**27**	**0**	**65**	**0**	**304**	**263**	**13**	**0**	**89**	**21**	**10**	**0**
2000 January	12	0	110	0	314	262	14	0	29	0	37	0
February	45	0	60	0	381	328	15	0	120	0	35	0
March	39	0	74	0	346	305	13	0	63	17	23	0
April	21	0	41	0	397	348	14	0	83	25	31	0
May	16	0	75	0	307	295	20	0	44	13	8	0
June	43	0	95	0	274	240	17	0	75	0	28	0
July	8	0	63	0	545	482	13	0	78	0	23	0
August	22	8	138	0	377	334	11	0	73	6	47	0
September	39	0	56	0	363	323	16	0	89	8	21	0
October	40	0	142	0	306	283	16	0	111	13	20	0
November	34	0	103	0	293	241	8	0	50	0	6	0
December	41	0	119	0	220	186	21	0	55	0	16	0
Average	**30**	**1**	**90**	**0**	**343**	**302**	**15**	**0**	**72**	**7**	**25**	**0**
2001 January	77	0	141	0	319	226	11	0	188	0	50	0
February	48	0	101	0	395	299	8	0	183	0	47	0
March	48	0	125	0	400	313	5	0	53	0	35	0
April	23	0	105	0	382	325	6	0	115	0	19	0
May	50	0	44	0	411	376	3	0	88	0	31	0
June	56	0	66	0	284	254	12	0	47	0	33	0
July	25	0	70	0	448	363	0	0	81	0	25	0
August	40	0	67	0	262	202	0	0	118	0	11	0
September	34	0	39	0	303	265	3	0	124	0	27	0
October	50	0	63	0	259	211	0	0	34	0	22	0
10-Mo. Average	**45**	**0**	**82**	**0**	**346**	**283**	**5**	**0**	**102**	**0**	**30**	**0**
2000 10-Mo. Average	**28**	**1**	**86**	**0**	**361**	**320**	**15**	**0**	**76**	**8**	**27**	**0**
1999 10-Mo. Average	**28**	**0**	**71**	**0**	**298**	**258**	**12**	**0**	**95**	**23**	**9**	**0**

See footnotes at end of table.

Table S3. Crude Oil and Petroleum Product Imports, 1986 - Present (Continued)

(Thousand Barrels per Day)

Year/Month	Imports from Non-OPEC Sources[a]										Total Imports	
	Trinadad and Tobago		United Kingdom		Virgin Islands, U.S.		Other Non-OPEC		Total Non-OPEC[c,d]			
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1986 Average	**125**	**93**	**350**	**317**	**244**	**0**	**426**	**144**	**3,387**	**2,065**	**6,224**	**4,178**
1987 Average	**106**	**75**	**352**	**304**	**272**	**0**	**459**	**196**	**3,617**	**2,274**	**6,678**	**4,674**
1988 Average	**97**	**71**	**315**	**254**	**242**	**0**	**487**	**196**	**3,882**	**2,411**	**7,402**	**5,107**
1989 Average	**94**	**73**	**215**	**160**	**321**	**0**	**457**	**197**	**3,921**	**2,467**	**8,061**	**5,843**
1990 Average	**96**	**76**	**189**	**155**	**282**	**0**	**417**	**180**	**3,721**	**2,381**	**8,018**	**5,894**
1991 Average	**88**	**72**	**138**	**106**	**243**	**0**	**282**	**137**	**3,535**	**2,405**	**7,627**	**5,782**
1992 Average	**95**	**70**	**230**	**200**	**249**	**0**	**335**	**149**	**3,796**	**2,676**	**7,888**	**6,083**
1993 Average	**74**	**55**	**350**	**312**	**254**	**0**	**452**	**240**	**4,266**	**3,100**	**8,620**	**6,787**
1994 Average	**77**	**62**	**458**	**396**	**328**	**0**	**450**	**239**	**4,749**	**3,483**	**8,996**	**7,063**
1995 Average	**70**	**62**	**383**	**341**	**278**	**0**	**302**	**181**	**4,833**	**3,889**	**8,835**	**7,230**
1996 Average	**76**	**58**	**308**	**216**	**313**	**0**	**440**	**265**	**5,267**	**4,070**	**9,478**	**7,508**
1997 Average	**61**	**56**	**226**	**169**	**300**	**0**	**422**	**250**	**5,593**	**4,450**	**10,162**	**8,225**
1998 Average	**66**	**53**	**250**	**161**	**293**	**0**	**531**	**288**	**5,803**	**4,537**	**10,708**	**8,706**
1999 January	52	34	242	160	300	0	529	386	5,605	4,342	10,424	8,393
February	48	38	260	165	295	0	583	372	5,540	4,134	10,650	8,468
March	28	18	314	261	319	0	460	254	5,549	4,382	10,658	8,739
April	49	37	319	143	271	0	756	300	5,939	4,288	11,618	9,256
May	41	18	569	471	298	0	659	344	6,432	4,725	11,511	9,098
June	52	33	373	317	290	0	689	357	6,119	4,645	11,160	8,888
July	57	31	644	537	278	0	646	300	6,681	5,175	11,697	9,391
August	53	36	321	256	206	0	617	278	6,005	4,481	11,142	8,908
September	83	67	445	366	305	16	499	244	5,831	4,483	10,657	8,527
October	75	66	344	267	284	0	592	318	5,951	4,593	10,595	8,613
November	66	42	336	281	277	0	421	254	5,602	4,381	10,033	8,224
December	92	64	198	174	236	0	450	244	5,501	4,357	10,065	8,234
Average	**58**	**40**	**365**	**284**	**280**	**1**	**575**	**304**	**5,899**	**4,502**	**10,852**	**8,731**
2000 January	89	71	273	171	255	0	486	194	5,971	4,355	10,140	7,829
February	71	52	241	149	306	0	660	255	6,095	4,159	11,003	8,318
March	60	37	283	240	226	0	574	150	5,997	4,411	11,052	8,790
April	96	70	444	348	312	0	476	232	6,387	4,808	11,558	9,341
May	77	51	560	449	307	0	645	262	6,512	4,935	11,415	9,085
June	107	52	349	282	356	0	671	286	6,474	4,672	12,032	9,533
July	93	54	476	458	267	0	703	307	6,410	4,821	11,588	9,398
August	80	55	405	343	297	0	526	184	6,268	4,591	12,173	9,939
September	97	58	291	248	323	0	695	186	6,430	4,625	11,900	9,484
October	95	56	381	275	237	0	593	175	5,983	4,248	11,290	8,969
November	80	56	332	263	299	0	613	174	6,073	4,301	11,309	8,913
December	75	55	342	252	318	0	775	164	6,478	4,376	12,053	9,229
Average	**85**	**56**	**366**	**291**	**291**	**0**	**618**	**214**	**6,257**	**4,526**	**11,459**	**9,071**
2001 January	95	55	376	253	339	0	730	164	6,714	4,306	12,118	8,791
February	45	16	361	232	273	0	820	186	6,463	4,138	11,462	8,484
March	67	57	253	167	263	0	452	211	6,159	4,377	11,942	9,477
April	85	60	239	140	195	0	633	216	6,329	4,584	12,311	9,821
May	49	38	417	358	212	0	780	164	6,283	4,415	12,243	9,655
June	70	59	241	192	339	0	728	202	5,985	4,134	11,499	8,901
July	83	58	344	286	310	0	714	380	6,110	4,453	11,576	9,406
August	86	51	237	197	202	0	865	418	6,084	4,380	11,318	9,092
September	90	51	196	132	283	0	639	188	5,978	4,161	11,498	9,054
October	45	39	365	265	265	0	480	182	5,743	4,249	11,149	9,077
10-Mo. Average	**71**	**49**	**303**	**223**	**268**	**0**	**683**	**232**	**6,183**	**4,322**	**11,714**	**9,182**
2000 10-Mo. Average	**87**	**56**	**371**	**297**	**288**	**0**	**602**	**223**	**6,252**	**4,564**	**11,414**	**9,070**
1999 10-Mo. Average	**54**	**38**	**384**	**296**	**284**	**2**	**603**	**315**	**5,969**	**4,529**	**11,013**	**8,831**

[a] Includes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC) primarily from Caribbean and West European areas as petroleum products that were refined from crude oil produced by OPEC.

[b] Imports from the Neutral Zone are reported as originating in either Saudi Arabia or Kuwait depending on the country reported to U.S. Customs.

[c] On December 31, 1992, Ecuador withdrew as a member of OPEC. As of January 1, 1994, imports of petroleum from Ecuador appear under imports from Non-OPEC Sources.

[d] On December 31, 1994, Gabon withdrew as a member of OPEC. As of January 1, 1995, imports of petroleum from Gabon appear under imports from Non-OPEC Sources.

[e] Excludes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

[f] Imports from other States in the former U.S.S.R. may be included in imports from Russia for the years 1981 through 1992.

[g] A small amount of Iranian crude oil entered the United States in January 1988 from the Virgin Islands. This oil originated in Iran and was exported to the Virgin Islands prior to the signing of Executive Order 12613 on October 29, 1987.

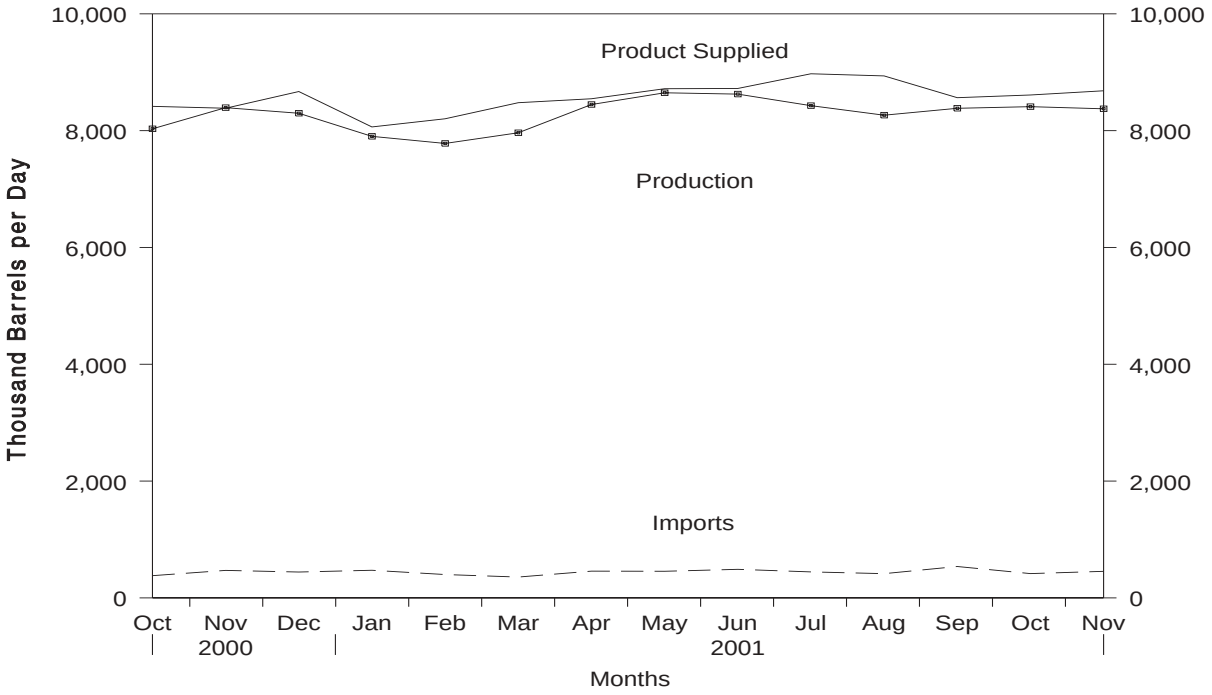
(s) = Less than 500 barrels per day.

— = Not Applicable.

Notes: • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

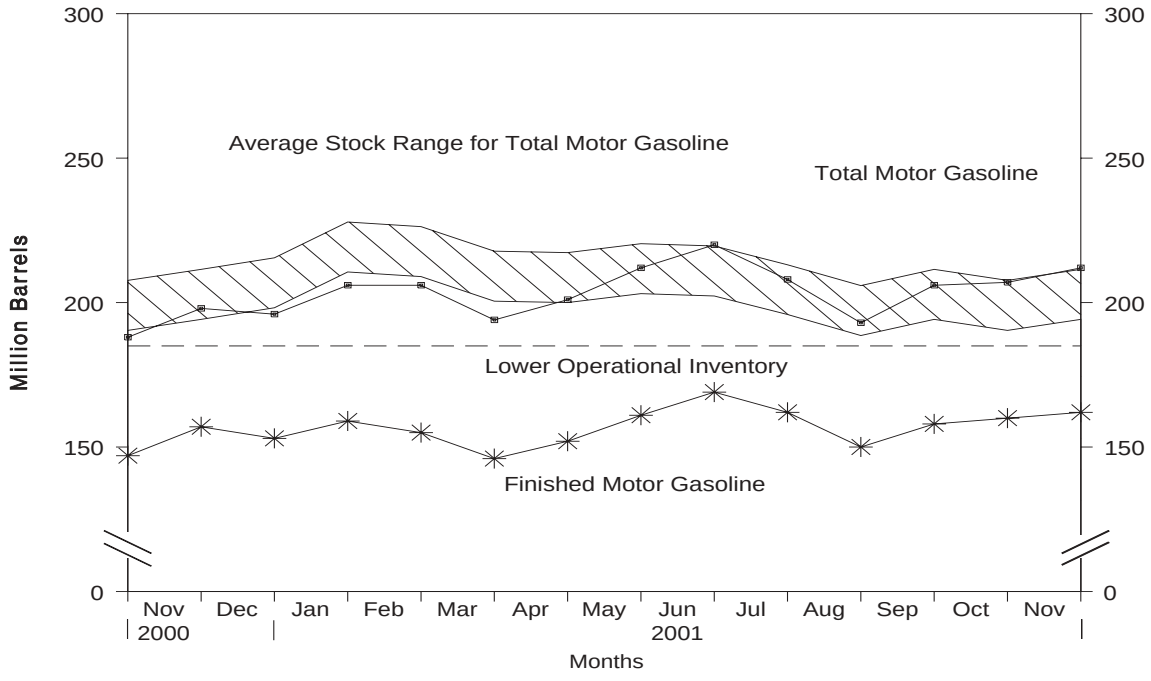
Source: See Summary Statistics Table and Figure Sources.

Figure S5. Finished Motor Gasoline Supply and Disposition, October 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S4. See Summary Statistics Table and Figure Sources.

Figure S6. Motor Gasoline Ending Stocks, October 2000 - Present



Note: • Total motor gasoline includes motor gasoline blending components and finished motor gasoline, but excludes oxygenates. • The Lower Operational Inventory for total motor gasoline stocks is 185.0 million barrels.

Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S4. See Summary Statistics Table and Figure Sources.

Table S4. Finished Motor Gasoline Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition			Ending Stocks[a] (Million Barrels)		Ending Stocks[a] (Million Barrels)
						Motor Gasoline		
	Total Production[b]	Imports[c]	Stock Change[c,d]	Exports	Product Supplied[b]	Total[e]	Finished[c]	Oxygenates
1986 Average	**6,752**	**326**	**11**	**33**	**7,034**	**233**	**194**	**—**
1987 Average	**6,841**	**384**	**-15**	**35**	**7,206**	**226**	**189**	**—**
1988 Average	**6,956**	**405**	**3**	**22**	**7,336**	**228**	**190**	**—**
1989 Average	**6,963**	**369**	**-35**	**39**	**7,328**	**213**	**177**	**—**
1990 Average	**6,959**	**342**	**10**	**55**	**7,235**	**220**	**181**	**—**
1991 Average	**6,975**	**297**	**3**	**82**	**7,188**	**219**	**182**	**—**
1992 Average	**7,058**	**294**	**-11**	**96**	**7,268**	**216**	**178**	**—**
1993 Average	**7,360**	**247**	**26**	**105**	**7,476**	**226**	**187**	**13**
1994 Average	**7,312**	**356**	**-31**	**97**	**7,601**	**215**	**176**	**17**
1995 Average	**7,588**	**265**	**-40**	**104**	**7,789**	**202**	**161**	**12**
1996 Average	**7,647**	**336**	**-12**	**104**	**7,891**	**195**	**157**	**13**
1997 Average	**7,870**	**309**	**26**	**137**	**8,017**	**210**	**166**	**12**
1998 Average	**8,082**	**311**	**15**	**125**	**8,253**	**216**	**172**	**14**
1999 January	7,886	313	368	130	7,701	231	183	14
February	7,607	393	-136	105	8,031	229	179	16
March	7,531	350	-328	81	8,128	217	169	15
April	8,138	521	68	85	8,506	218	171	13
May	8,207	485	173	100	8,420	225	177	15
June	8,402	444	-111	71	8,886	217	173	14
July	8,280	471	-280	89	8,942	204	165	13
August	8,183	338	-160	101	8,579	201	160	14
September	8,187	335	90	128	8,305	207	162	15
October	8,266	375	-31	130	8,542	204	161	15
November	8,142	299	72	128	8,240	205	164	13
December	8,471	260	-305	177	8,859	193	154	14
Average	**8,111**	**382**	**-49**	**111**	**8,431**	**—**	**—**	**—**
2000 January	7,798	343	362	127	7,653	208	165	14
February	7,658	410	-306	83	8,291	201	156	15
March	8,032	403	22	108	8,305	204	157	14
April	8,130	472	117	111	8,375	206	161	13
May	8,398	441	52	126	8,661	208	162	14
June	8,550	451	76	100	8,824	210	165	14
July	8,320	435	3	110	8,642	209	165	14
August	8,251	426	-438	194	8,921	194	151	13
September	8,358	449	106	184	8,518	197	154	13
October	8,031	381	-221	217	8,417	188	147	14
November	8,394	471	311	170	8,384	198	157	14
December	8,298	443	-120	190	8,670	196	153	12
Average	**8,186**	**427**	**-3**	**144**	**8,472**	**—**	**—**	**—**
2001 January	7,903	473	188	125	8,064	206	159	12
February	7,781	400	-151	128	8,203	206	155	12
March	7,963	358	-302	145	8,479	194	146	12
April	8,447	458	216	143	8,546	201	152	12
May	8,648	456	284	102	8,718	212	161	12
June	8,625	490	266	127	8,722	220	169	12
July	8,428	446	-230	129	8,974	208	162	13
August	8,265	415	-375	117	8,938	193	150	13
September	8,383	538	242	115	8,564	206	158	14
October	R 8,410	R 417	R 61	R 156	R 8,610	207	R 160	13
November*	E *8,374*	E *455*	E *8*	E *138*	E *8,683*	E *212*	E *162*	NA
11-Mo. Average	E **8,296**	E **446**	E **18**	E **129**	E **8,594**	**—**	**—**	**—**
2000 11-Mo. Average	**8,175**	**425**	**8**	**139**	**8,454**	**—**	**—**	**—**
1999 11-Mo. Average	**8,078**	**393**	**-25**	**104**	**8,391**	**—**	**—**	**—**

[a] Stocks are totals as of end of period.

[b] Beginning in 1993, motor gasoline production and product supplied includes blending of fuel ethanol and an adjustment to correct for the imbalance of motor gasoline blending components.

[c] Beginning in 1981, excludes blending components.

[d] A negative number indicates a decrease in stocks and a positive number indicates an increase.

[e] Includes motor gasoline blending components but excludes stocks of oxygenates.

R = Revised data. E = Estimated. NA = Not Available.

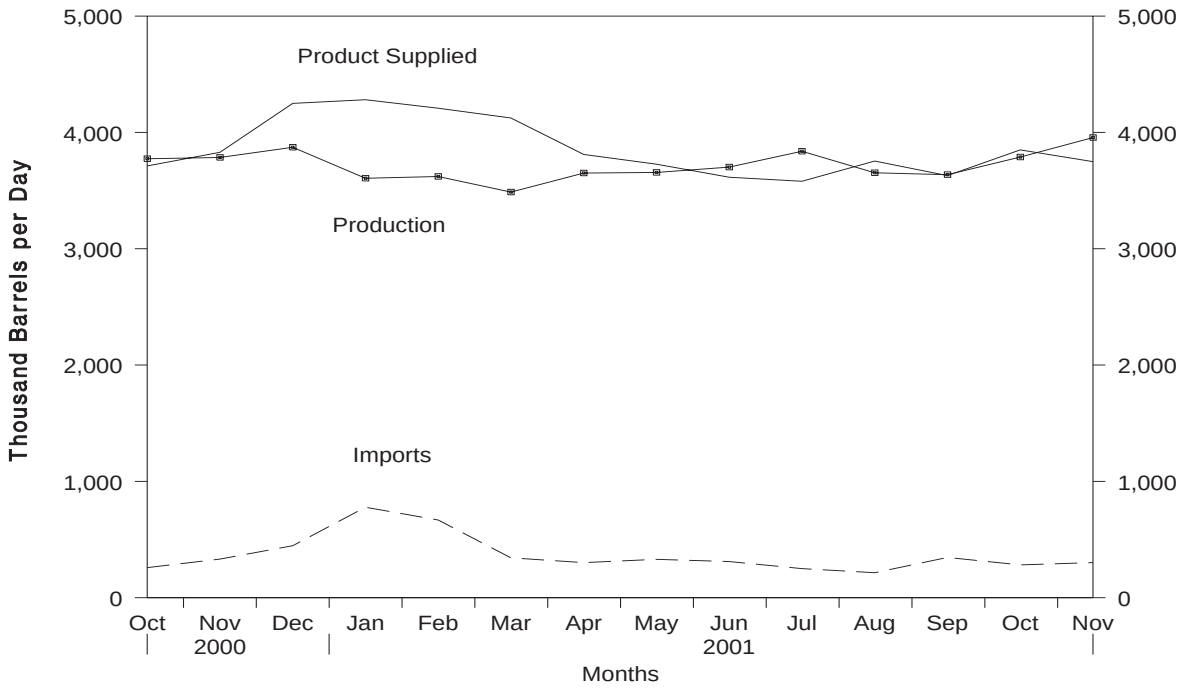
— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Italics denote estimates based upon preliminary data. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

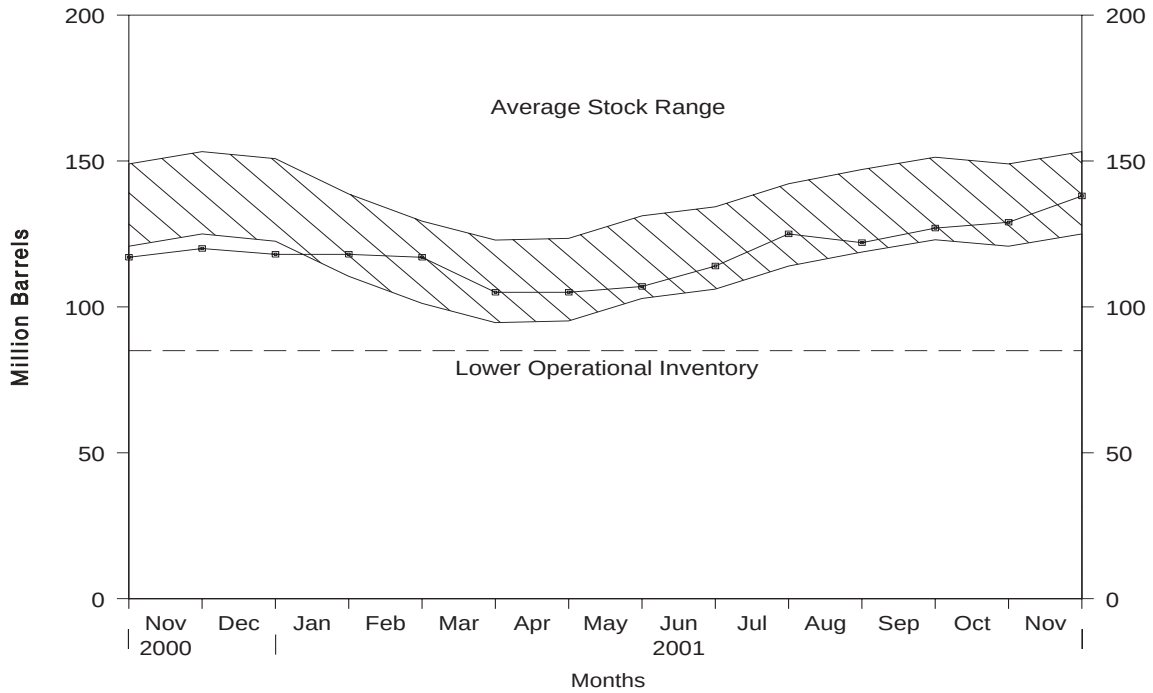
Source: See Summary Statistics Table and Figure Sources.

Figure S7. Distillate Fuel Oil Supply and Disposition, October 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S5. See Summary Statistics Table and Figure Sources.

Figure S8. Distillate Fuel Oil Ending Stocks, October 2000 - Present



Note: The Lower Operational Inventory for distillate fuel oil stocks is 85.0 million barrels.
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S5. See Summary Statistics Table and Figure Sources.

Table S5. Distillate Fuel Oil Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition			Ending Stocks[a] (Million Barrels)		
	Total Production	Imports	Stock Change[b]	Exports	Product Supplied	Total	0.05% Sulfur and Under	Greater than 0.05% Sulfur
1986 Average	**2,798**	**247**	**31**	**100**	**2,914**	**155**	**—**	**—**
1987 Average	**2,731**	**255**	**-56**	**66**	**2,976**	**134**	**—**	**—**
1988 Average	**2,859**	**302**	**-30**	**69**	**3,122**	**124**	**—**	**—**
1989 Average	**2,899**	**306**	**-49**	**97**	**3,157**	**106**	**—**	**—**
1990 Average	**2,925**	**278**	**73**	**109**	**3,021**	**132**	**—**	**—**
1991 Average	**2,962**	**205**	**31**	**215**	**2,921**	**144**	**—**	**—**
1992 Average	**2,974**	**216**	**-8**	**219**	**2,979**	**141**	**—**	**—**
1993 Average	**3,132**	**184**	**1**	**274**	**3,041**	**141**	**64**	**77**
1994 Average	**3,205**	**203**	**12**	**234**	**3,162**	**145**	**73**	**73**
1995 Average	**3,155**	**193**	**-41**	**183**	**3,207**	**130**	**67**	**63**
1996 Average	**3,316**	**230**	**-10**	**190**	**3,365**	**127**	**68**	**58**
1997 Average	**3,392**	**228**	**32**	**152**	**3,435**	**138**	**68**	**70**
1998 Average	**3,424**	**210**	**48**	**124**	**3,461**	**156**	**77**	**79**
1999 January	3,176	304	-426	117	3,788	143	74	69
February	3,253	322	-83	116	3,542	141	73	67
March	3,183	248	-513	159	3,785	125	69	56
April	3,407	213	14	191	3,415	125	68	57
May	3,458	261	219	187	3,314	132	70	62
June	3,374	238	25	180	3,407	133	68	65
July	3,521	234	153	123	3,479	137	71	66
August	3,419	273	126	130	3,437	141	69	73
September	3,482	249	139	162	3,431	145	73	72
October	3,506	216	-219	192	3,749	139	69	69
November	3,608	265	94	170	3,608	141	72	69
December	3,401	188	-514	212	3,892	125	69	56
Average	**3,399**	**250**	**-84**	**162**	**3,572**	**—**	**—**	**—**
2000 January	3,123	218	-609	132	3,818	107	66	41
February	3,348	510	-49	112	3,794	105	64	41
March	3,342	260	-302	211	3,693	96	60	36
April	3,533	234	135	178	3,455	100	66	34
May	3,650	316	158	127	3,681	105	67	38
June	3,481	258	41	149	3,549	106	68	38
July	3,520	199	219	132	3,369	113	72	41
August	3,678	234	-67	253	3,726	111	66	44
September	3,844	283	147	194	3,786	115	68	47
October	3,774	259	66	255	3,712	117	68	49
November	3,785	332	97	191	3,829	120	71	49
December	3,872	447	-65	135	4,250	118	72	46
Average	**3,580**	**295**	**-20**	**173**	**3,722**	**—**	**—**	**—**
2001 January	3,606	778	5	97	4,281	118	68	50
February	3,621	668	-35	116	4,208	117	70	47
March	3,487	343	-395	101	4,124	105	68	37
April	3,651	302	3	139	3,811	105	67	38
May	3,656	330	77	181	3,727	107	64	43
June	3,702	311	231	167	3,615	114	68	46
July	3,838	250	346	162	3,580	125	74	51
August	3,653	215	-101	216	3,754	122	68	54
September	3,637	346	153	201	3,629	127	71	55
October	R 3,788	R 282	R 67	R 153	R 3,850	R 129	R 69	R 60
November*	E *3,956*	E *302*	E *338*	E *170*	E *3,749*	E *138*	E *76*	E *63*
11-Mo. Average	E **3,690**	E **373**	E **62**	E **155**	E **3,846**	**—**	**—**	**—**
2000 11-Mo. Average	**3,553**	**281**	**-16**	**176**	**3,673**	**—**	**—**	**—**
1999 11-Mo. Average	**3,399**	**256**	**-44**	**157**	**3,542**	**—**	**—**	**—**

[a] Stocks are totals as of end of period. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[b] A negative number indicates a decrease in stocks and a positive number indicates an increase. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

R = Revised data. E = Estimated.

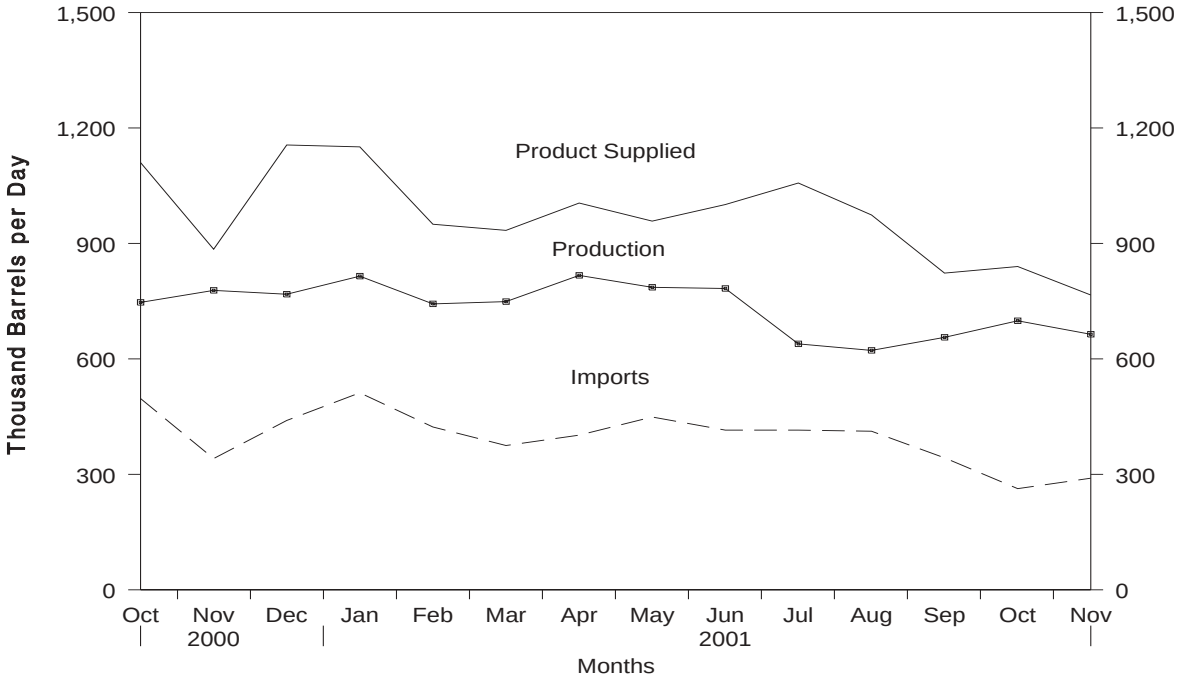
— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Italics denote estimates based upon preliminary data. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

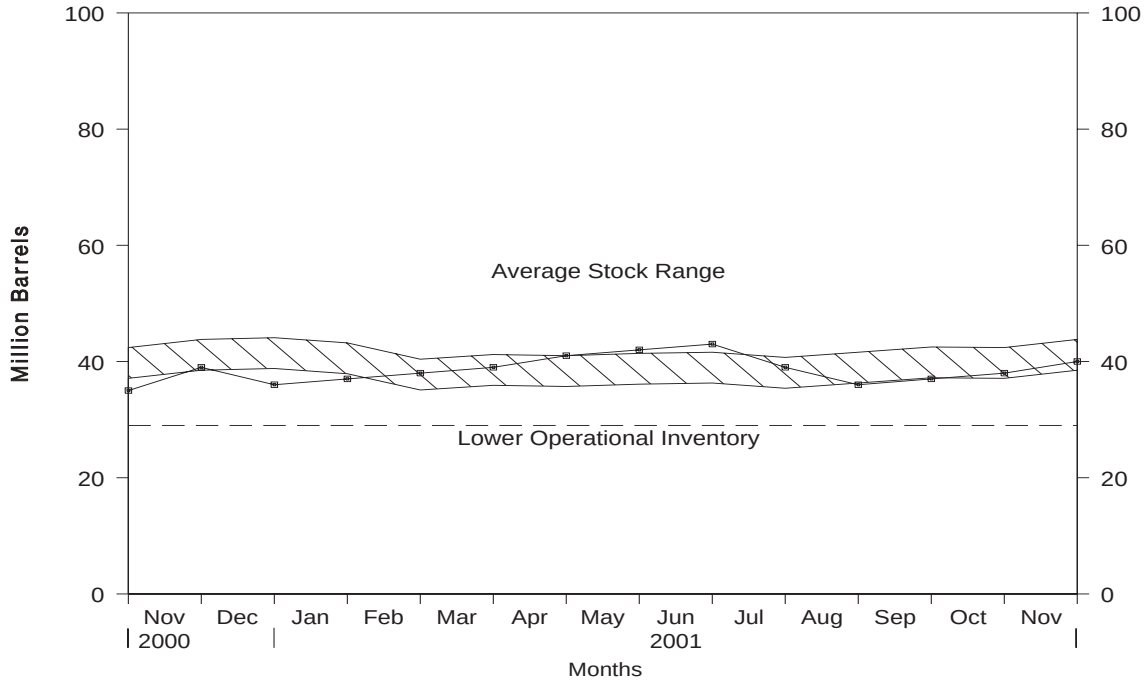
Source: See Summary Statistics Table and Figure Sources.

Figure S9. Residual Fuel Oil Supply and Disposition, October 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S6. See Summary Statistics Table and Figure Sources.

Figure S10. Residual Fuel Oil Ending Stocks, October 2000 - Present



Note: The Lower Operational Inventory for residual fuel oil stocks is 29.0 million barrels.
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S6. See Summary Statistics Table and Figure Sources.

Table S6. Residual Fuel Oil Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition			Ending Stocks[b] (Million Barrels)
	Total Production	Imports	Stock Change[a]	Exports	Product Supplied	
1986 Average	**889**	**669**	**-8**	**147**	**1,418**	**47**
1987 Average	**885**	**565**	**(s)**	**186**	**1,264**	**47**
1988 Average	**926**	**644**	**-8**	**200**	**1,378**	**45**
1989 Average	**954**	**629**	**-2**	**215**	**1,370**	**44**
1990 Average	**950**	**504**	**13**	**211**	**1,229**	**49**
1991 Average	**934**	**453**	**4**	**226**	**1,158**	**50**
1992 Average	**892**	**375**	**-20**	**193**	**1,094**	**43**
1993 Average	**835**	**373**	**4**	**123**	**1,080**	**44**
1994 Average	**826**	**314**	**-6**	**125**	**1,021**	**42**
1995 Average	**788**	**187**	**-13**	**136**	**852**	**37**
1996 Average	**726**	**248**	**24**	**102**	**848**	**46**
1997 Average	**708**	**194**	**-15**	**120**	**797**	**40**
1998 Average	**762**	**275**	**12**	**138**	**887**	**45**
1999 January	775	218	-33	133	893	44
February	726	248	-62	70	967	42
March	683	249	-84	72	943	40
April	679	234	26	185	702	40
May	725	334	9	153	898	41
June	706	228	63	151	721	42
July	736	261	62	182	753	44
August	701	236	-183	124	996	39
September	702	258	68	136	756	41
October	658	183	-7	130	719	41
November	596	222	-5	60	763	40
December	690	168	-147	154	852	36
Average	**698**	**237**	**-25**	**129**	**830**	**—**
2000 January	640	336	10	137	830	36
February	627	316	-60	149	854	34
March	649	269	66	167	685	36
April	620	267	-37	139	784	35
May	640	265	63	123	719	37
June	679	390	-8	133	945	37
July	741	409	-54	113	1,091	35
August	760	333	57	94	941	37
September	702	360	19	148	895	38
October	747	497	-87	221	1,110	35
November	778	341	133	100	885	39
December	768	440	-90	143	1,156	36
Average	**696**	**352**	**1**	**139**	**909**	**—**
2001 January	815	512	35	141	1,151	37
February	743	423	46	171	950	38
March	749	375	24	166	934	39
April	817	402	54	160	1,005	41
May	786	449	54	224	958	42
June	783	415	12	185	1,001	43
July	639	415	-117	113	1,057	39
August	622	412	-114	174	974	36
September	656	343	51	125	823	37
October	R 699	R 263	R 26	R 97	R 840	R 38
November*	E *664*	E *290*	E *45*	E *143*	E *766*	E *40*
11-Mo. Average	E **725**	E **391**	E **10**	E **154**	E **951**	**—**
2000 11-Mo. Average	**690**	**344**	**9**	**139**	**886**	**—**
1999 11-Mo. Average	**699**	**243**	**-14**	**127**	**828**	**—**

[a] A negative number indicates a decrease in stocks and a positive number indicates an increase.

[b] Stocks are totals as of end of period.

R = Revised data. (s) = Less than 500 barrels per day. E = Estimated.

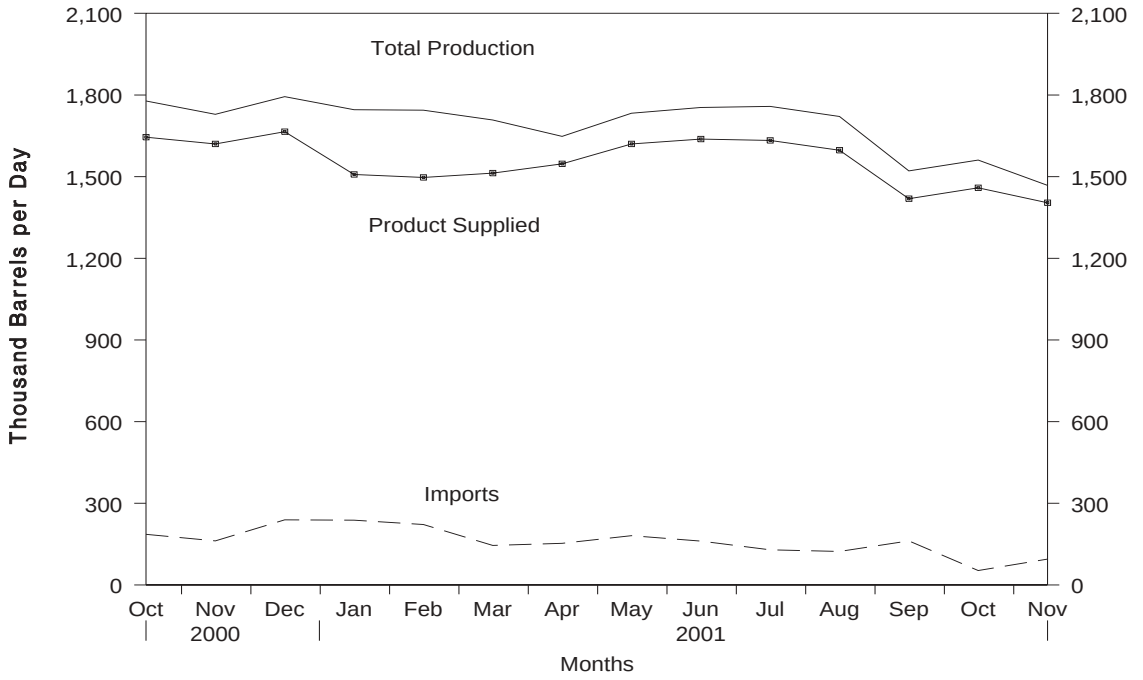
— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Italics denote estimates based upon preliminary data. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

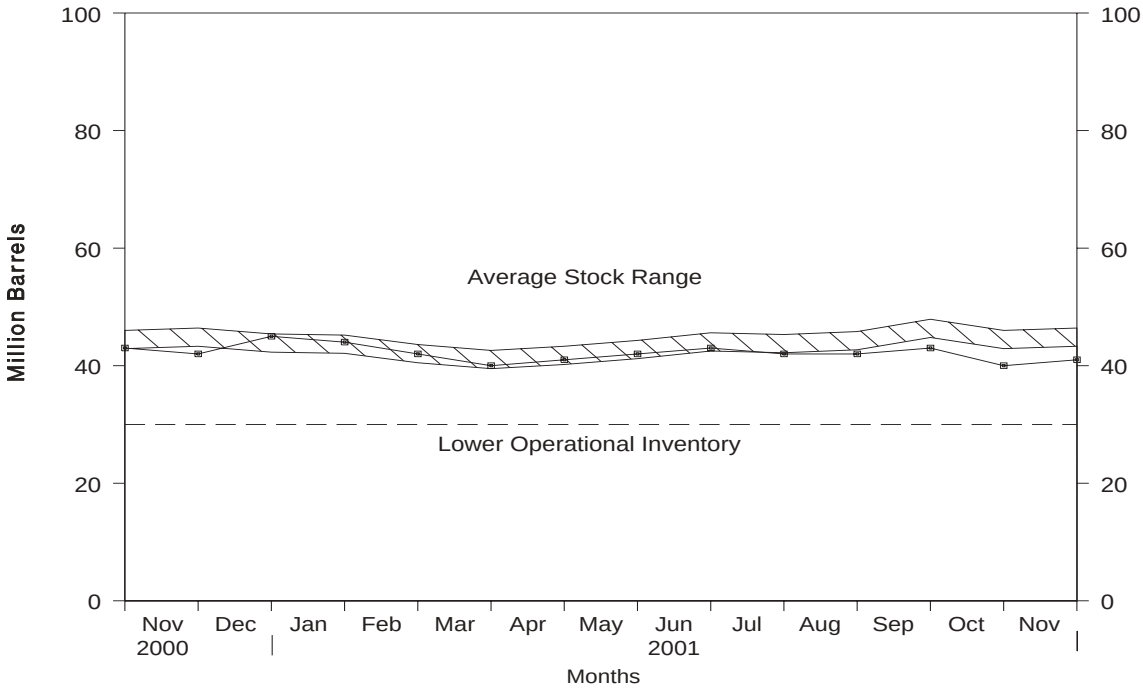
Source: See Summary Statistics Table and Figure Sources.

Figure S11. Jet Fuel Supply and Disposition, October 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S7. See Summary Statistics Table and Figure Sources.

Figure S12. Jet Fuel Ending Stocks, October 2000 - Present



Note: The Lower Operational Inventory for total jet fuel stocks is 30.0 million barrels.
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S7. See Summary Statistics Table and Figure Sources.

Table S7. Jet Fuel Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply			Disposition				Ending Stocks[a] (Million Barrels)	
	Production					Product Supplied			
	Total	Kerosene-Type	Imports	Stock Change[b]	Exports	Total	Kerosene-Type	Total	Kerosene-Type
1986 Average	**1,293**	**1,097**	**57**	**25**	**18**	**1,307**	**1,105**	**50**	**43**
1987 Average	**1,343**	**1,138**	**67**	**(s)**	**24**	**1,385**	**1,181**	**50**	**42**
1988 Average	**1,370**	**1,164**	**90**	**-17**	**28**	**1,449**	**1,236**	**44**	**38**
1989 Average	**1,403**	**1,197**	**106**	**-8**	**27**	**1,489**	**1,284**	**41**	**34**
1990 Average	**1,488**	**1,311**	**108**	**31**	**43**	**1,522**	**1,340**	**52**	**46**
1991 Average	**1,438**	**1,274**	**67**	**-9**	**43**	**1,471**	**1,296**	**49**	**44**
1992 Average	**1,399**	**1,254**	**82**	**-16**	**43**	**1,454**	**1,310**	**43**	**39**
1993 Average	**1,422**	**1,309**	**100**	**-7**	**59**	**1,469**	**1,357**	**40**	**38**
1994 Average	**1,448**	**1,410**	**117**	**18**	**20**	**1,527**	**1,480**	**47**	**46**
1995 Average	**1,416**	**1,407**	**106**	**-19**	**26**	**1,514**	**1,497**	**40**	**39**
1996 Average	**1,515**	**1,513**	**111**	**(s)**	**48**	**1,578**	**1,575**	**40**	**40**
1997 Average	**1,554**	**1,554**	**91**	**11**	**35**	**1,599**	**1,598**	**44**	**44**
1998 Average	**1,526**	**1,525**	**124**	**2**	**26**	**1,622**	**1,623**	**45**	**45**
1999 January	1,594	1,594	132	3	26	1,697	1,698	45	45
February	1,567	1,566	157	26	9	1,689	1,689	46	45
March	1,521	1,520	85	-109	23	1,691	1,692	42	42
April	1,642	1,641	162	126	29	1,647	1,652	46	46
May	1,545	1,545	148	51	33	1,609	1,609	48	47
June	1,542	1,541	65	-60	36	1,631	1,640	46	46
July	1,551	1,550	155	22	39	1,644	1,648	46	46
August	1,575	1,575	176	3	9	1,739	1,739	47	46
September	1,600	1,600	152	74	34	1,643	1,645	49	49
October	1,501	1,500	97	-154	28	1,724	1,725	44	44
November	1,530	1,530	82	-89	64	1,637	1,640	41	41
December	1,616	1,615	128	-25	53	1,717	1,717	41	40
Average	**1,565**	**1,565**	**128**	**-11**	**32**	**1,673**	**1,675**	**—**	**—**
2000 January	1,595	1,595	122	99	13	1,604	1,604	44	44
February	1,450	1,450	173	-70	17	1,676	1,677	42	41
March	1,561	1,561	120	-35	33	1,683	1,682	40	40
April	1,615	1,615	127	28	37	1,677	1,677	41	41
May	1,589	1,589	144	28	35	1,669	1,669	42	42
June	1,600	1,600	194	52	27	1,715	1,715	44	44
July	1,650	1,649	125	-25	21	1,779	1,779	43	43
August	1,636	1,636	221	-8	19	1,846	1,846	43	43
September	1,644	1,643	128	-13	34	1,750	1,750	42	42
October	1,645	1,645	186	12	42	1,778	1,778	43	43
November	1,620	1,620	162	-11	64	1,729	1,729	42	42
December	1,665	1,665	239	71	39	1,794	1,796	45	44
Average	**1,606**	**1,606**	**162**	**11**	**32**	**1,725**	**1,725**	**—**	**—**
2001 January	1,508	1,508	238	-27	27	1,746	1,747	44	44
February	1,497	1,497	222	-44	18	1,744	1,743	42	42
March	1,513	1,513	145	-91	41	1,708	1,708	40	40
April	1,547	1,546	153	35	17	1,648	1,648	41	41
May	1,620	1,619	181	52	17	1,733	1,735	42	42
June	1,638	1,637	161	26	18	1,754	1,755	43	43
July	1,633	1,633	129	-20	23	1,758	1,755	42	42
August	1,597	1,597	123	-25	24	1,721	1,724	42	42
September	1,419	1,419	162	40	21	1,521	1,519	43	43
October	R 1,459	R 1,459	R 53	R -80	R 31	R 1,561	R 1,560	R 40	R 40
November*	E *1,404*	E *1,403*	E *95*	E *-1*	E *32*	E *1,468*	E *1,468*	E *41*	E *41*
11-Mo. Average	E **1,531**	E **1,531**	E **151**	E **-12**	E **24**	E **1,670**	E **1,669**	**—**	**—**
2000 11-Mo. Average	**1,601**	**1,601**	**154**	**5**	**31**	**1,719**	**1,719**	**—**	**—**
1999 11-Mo. Average	**1,560**	**1,560**	**128**	**-10**	**30**	**1,669**	**1,671**	**—**	**—**

[a] Stocks are totals as of end of period.

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

R = Revised data. (s) = Less than 500 barrels per day. E= Estimated.

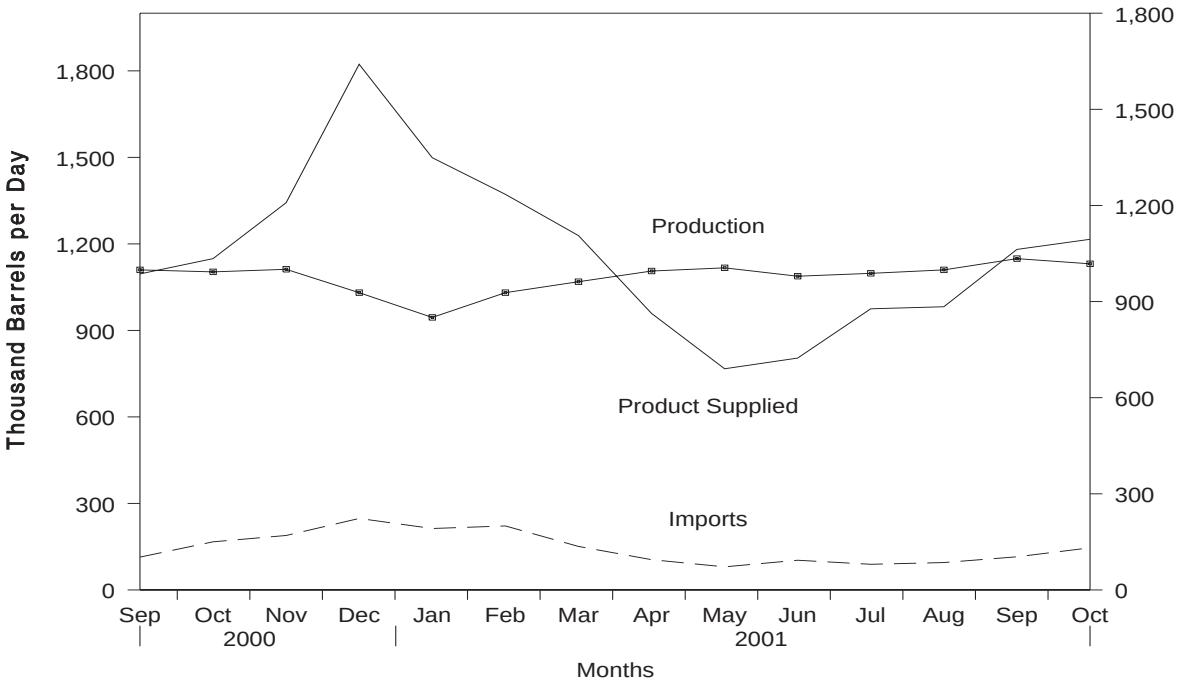
— = Not Applicable.

* See Summary Statistics Explanatory Note 1.

Notes: • Italics denote estimates based upon preliminary data.• Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

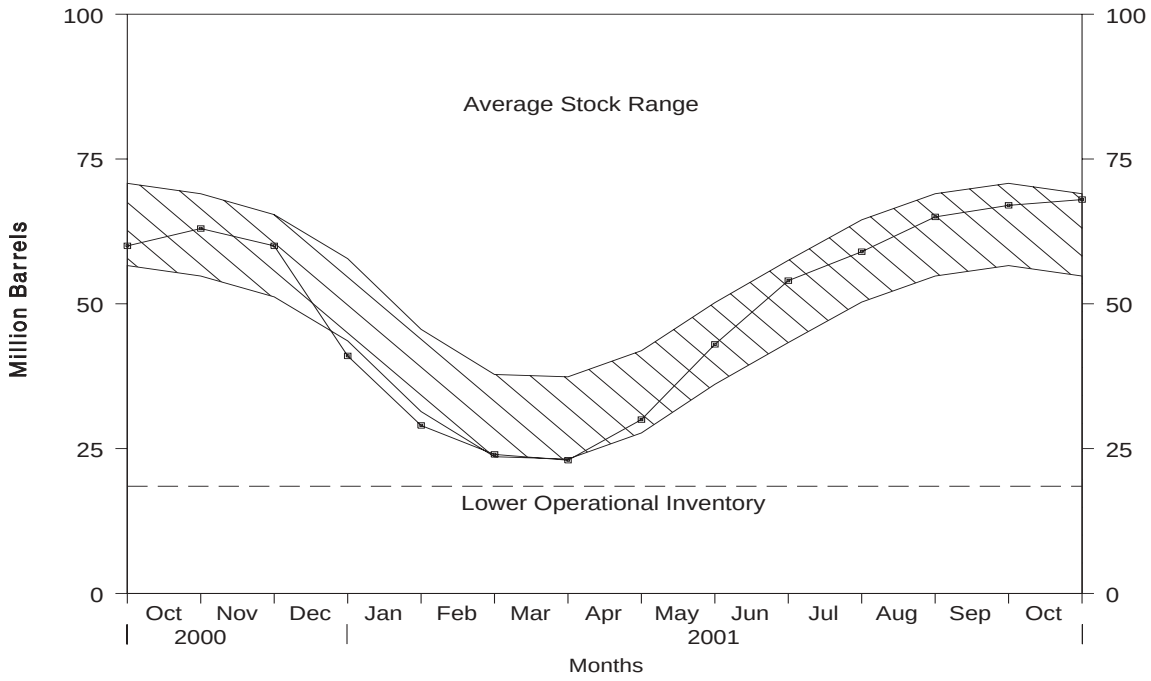
Source: See Summary Statistics Table and Figure Sources.

Figure S13. Propane/Propylene Supply and Disposition, September 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S8. See Summary Statistics Table and Figure Sources.

Figure S14. Propane/Propylene Ending Stocks, September 2000 - Present



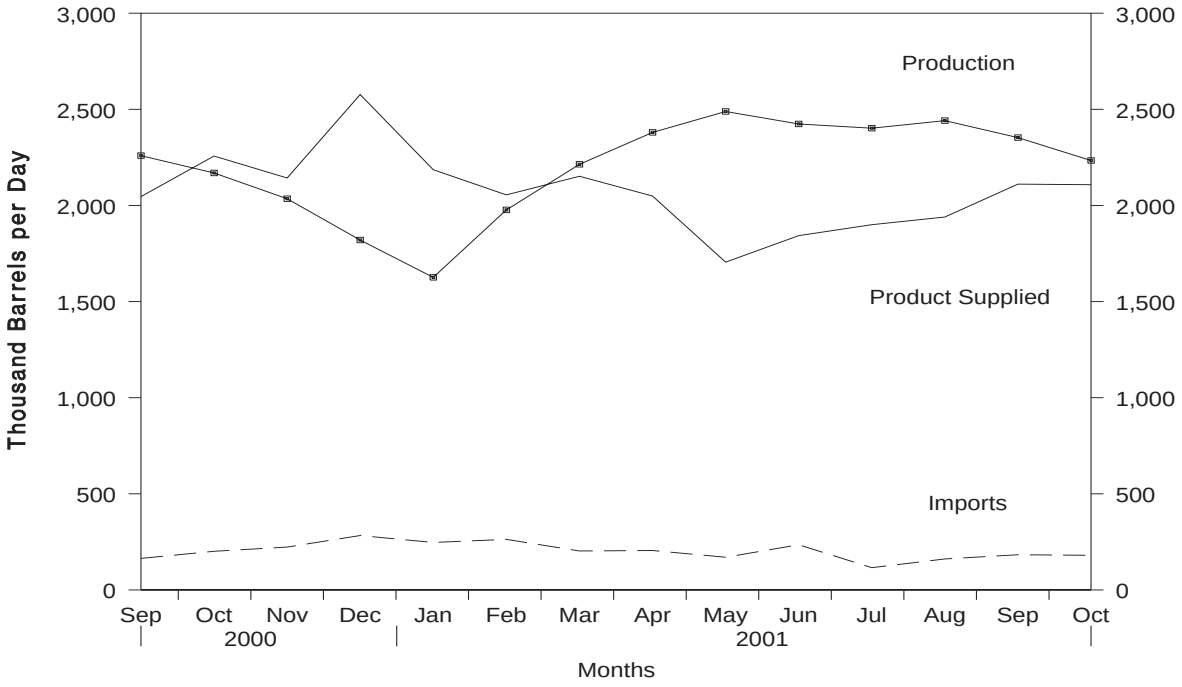
Note: The Lower Operational Inventory for propane stocks is 18.5 million barrels.
Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S8. See Summary Statistics Table and Figure Sources.

Table S8. Propane/Propylene Supply and Disposition, 1986 - Present
(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition				
	Total Production	Imports	Stock Change[a]	Refinery Inputs	Exports	Product Supplied	Ending Stocks[b] (Million Barrels)
1986 Average	**817**	**110**	**64**	**4**	**28**	**831**	**63**
1987 Average	**828**	**88**	**-41**	**8**	**24**	**924**	**48**
1988 Average	**863**	**106**	**7**	**8**	**31**	**923**	**50**
1989 Average	**862**	**111**	**-52**	**11**	**24**	**990**	**32**
1990 Average	**878**	**115**	**48**	**(s)**	**28**	**917**	**49**
1991 Average	**915**	**91**	**-3**	**(s)**	**28**	**982**	**48**
1992 Average	**956**	**85**	**-24**	**(s)**	**33**	**1,032**	**39**
1993 Average	**963**	**103**	**34**	**(s)**	**26**	**1,006**	**51**
1994 Average	**969**	**124**	**-13**	**0**	**24**	**1,082**	**46**
1995 Average	**1,021**	**102**	**-10**	**0**	**38**	**1,096**	**43**
1996 Average	**1,044**	**119**	**(s)**	**0**	**28**	**1,136**	**43**
1997 Average	**1,092**	**113**	**3**	**0**	**32**	**1,170**	**44**
1998 Average	**1,064**	**137**	**56**	**0**	**25**	**1,120**	**65**
1999 January	1,041	118	-550	0	50	1,659	48
February	1,050	125	-133	0	41	1,267	44
March	1,031	135	-240	0	19	1,388	36
April	1,073	116	126	0	13	1,051	40
May	1,085	98	183	0	20	979	46
June	1,105	92	156	0	23	1,018	51
July	1,107	122	213	0	27	988	57
August	1,112	113	108	0	32	1,086	60
September	1,134	108	-34	0	20	1,256	59
October	1,132	125	-93	0	65	1,286	57
November	1,127	136	-64	0	34	1,293	55
December	1,169	178	-375	0	49	1,672	43
Average	**1,097**	**122**	**-59**	**0**	**33**	**1,246**	**—**
2000 January	1,133	244	-439	0	94	1,723	29
February	1,127	221	-215	0	53	1,510	23
March	1,136	142	-19	0	84	1,213	23
April	1,143	125	101	0	62	1,105	26
May	1,153	102	347	0	27	881	36
June	1,163	132	252	0	40	1,002	44
July	1,133	125	278	0	28	951	53
August	1,123	124	166	0	55	1,026	58
September	1,110	114	87	0	41	1,096	60
October	1,103	167	80	0	41	1,149	63
November	1,112	189	-97	0	55	1,343	60
December	1,031	248	-603	0	58	1,823	41
Average	**1,122**	**161**	**-5**	**0**	**53**	**1,235**	**—**
2001 January	945	213	-403	0	62	1,499	29
February	1,031	222	-160	0	41	1,372	24
March	1,069	151	-31	0	22	1,229	23
April	1,106	105	234	0	18	959	30
May	1,117	80	415	0	15	767	43
June	1,088	103	355	0	32	804	54
July	1,098	89	170	0	42	975	59
August	1,110	95	195	0	27	982	65
September	1,149	115	56	0	27	1,181	67
October	1,131	146	34	0	26	1,216	68
10-Mo. Average	**1,085**	**131**	**88**	**0**	**31**	**1,097**	**—**
2000 10-Mo. Average	**1,132**	**149**	**65**	**0**	**53**	**1,164**	**—**
1999 10-Mo. Average	**1,087**	**115**	**-27**	**0**	**31**	**1,198**	**—**

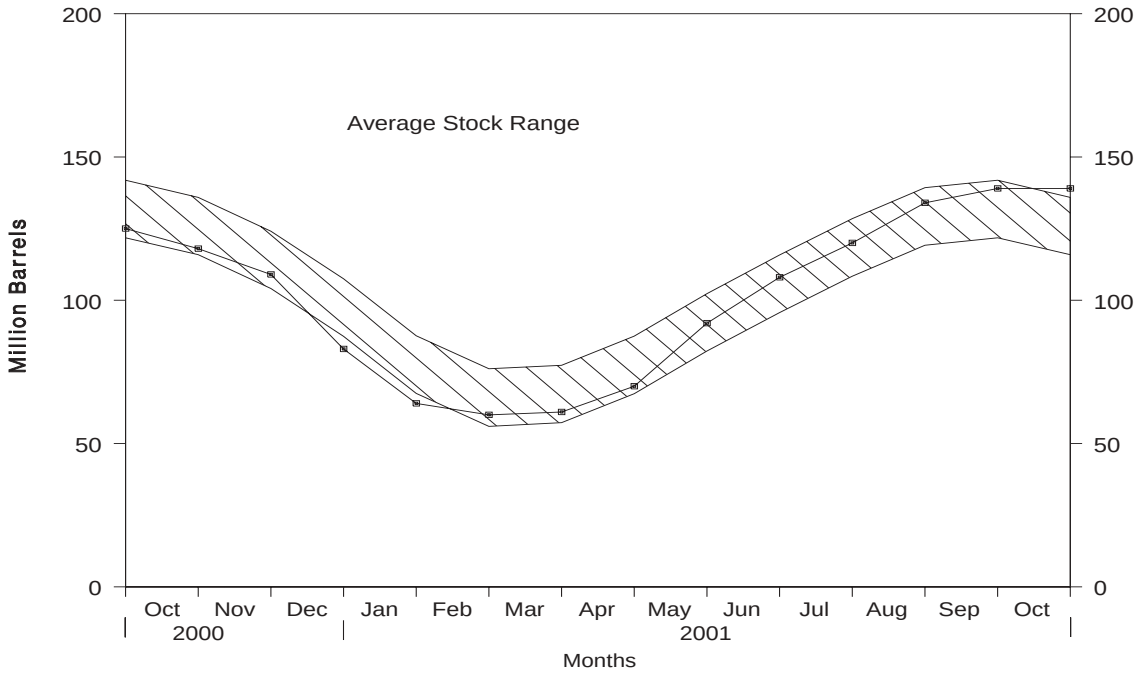
[a] A negative number indicates a decrease in stocks and a positive number indicates an increase.
[b] Stocks are totals as of end of period.
[c] In January 1981, 1983, and 1984, a new stock basis was established affecting stocks reported and stock change calculations. Stock changes are calculated using new basis stock levels. See Summary Statistics Explanatory Note 4.
(s) = Less than 500 barrels per day.
— = Not Applicable.
Notes: • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.
Source: See Summary Statistics Table and Figure Sources.

Figure S15. Liquefied Petroleum Gases Supply and Disposition, September 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S9. See Summary Statistics Table and Figure Sources.

Figure S16. Liquefied Petroleum Gases Ending Stocks, September 2000 - Present



Source: Energy Information Administration, *Petroleum Supply Monthly*, Table S9. See Summary Statistics Table and Figure Sources.

Table S9. Liquefied Petroleum Gases Supply and Disposition, 1986 - Present
(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition				
	Total Production	Imports	Stock Change[a]	Refinery Inputs	Exports	Product Supplied	Ending Stocks[b] (Million Barrels)
1986 Average	**1,695**	**242**	**80**	**302**	**42**	**1,512**	**103**
1987 Average	**1,748**	**190**	**-15**	**304**	**38**	**1,612**	**97**
1988 Average	**1,817**	**209**	**1**	**321**	**49**	**1,656**	**97**
1989 Average	**1,791**	**181**	**-47**	**315**	**35**	**1,668**	**80**
1990 Average	**1,749**	**188**	**48**	**293**	**40**	**1,556**	**98**
1991 Average	**1,871**	**147**	**-15**	**304**	**41**	**1,689**	**92**
1992 Average	**1,972**	**131**	**-10**	**309**	**49**	**1,755**	**89**
1993 Average	**1,993**	**160**	**49**	**327**	**43**	**1,734**	**106**
1994 Average	**2,012**	**183**	**-19**	**296**	**38**	**1,880**	**99**
1995 Average	**2,082**	**146**	**-17**	**289**	**58**	**1,899**	**93**
1996 Average	**2,156**	**166**	**-19**	**278**	**51**	**2,012**	**86**
1997 Average	**2,190**	**169**	**9**	**263**	**50**	**2,038**	**89**
1998 Average	**2,124**	**194**	**70**	**253**	**42**	**1,952**	**115**
1999 January	1,871	173	-757	308	75	2,417	92
February	1,987	163	-311	254	64	2,142	83
March	2,144	172	-200	225	32	2,258	77
April	2,355	165	276	201	21	2,023	85
May	2,340	177	424	196	33	1,864	98
June	2,402	164	331	177	37	2,021	108
July	2,435	204	354	177	39	2,068	119
August	2,402	172	259	179	47	2,089	127
September	2,329	155	-89	223	58	2,293	124
October	2,223	182	-273	275	81	2,322	116
November	2,121	199	-151	306	47	2,118	111
December	2,143	250	-712	334	61	2,710	89
Average	**2,230**	**182**	**-71**	**238**	**50**	**2,195**	**—**
2000 January	2,195	315	-696	321	101	2,784	68
February	2,268	281	-359	281	81	2,546	57
March	2,395	190	6	231	109	2,239	58
April	2,524	169	330	174	75	2,114	67
May	2,530	157	548	175	38	1,927	84
June	2,528	209	410	179	69	2,079	97
July	2,511	193	486	180	63	1,976	112
August	2,479	195	333	182	76	2,084	122
September	2,259	164	84	230	62	2,046	125
October	2,169	201	-225	273	65	2,257	118
November	2,035	223	-299	342	72	2,143	109
December	1,820	283	-843	288	81	2,577	83
Average	**2,310**	**215**	**-19**	**238**	**74**	**2,231**	**—**
2001 January	1,626	247	-647	259	75	2,186	64
February	1,977	263	-129	255	59	2,055	60
March	2,214	203	27	206	33	2,152	61
April	2,380	205	296	205	35	2,049	70
May	2,489	170	707	215	31	1,705	92
June	2,424	235	564	196	56	1,843	108
July	2,402	116	373	194	51	1,900	120
August	2,441	161	440	188	34	1,940	134
September	2,353	183	167	222	35	2,111	139
October	2,234	180	19	250	37	2,108	139
10-Mo. Average	**2,255**	**196**	**183**	**219**	**44**	**2,005**	**—**
2000 10-Mo. Average	**2,386**	**207**	**93**	**223**	**74**	**2,204**	**—**
1999 10-Mo. Average	**2,250**	**173**	**3**	**221**	**49**	**2,150**	**—**

[a] A negative number indicates a decrease in stocks and a positive number indicates an increase.
[b] Stocks are totals as of end of period.
[c] In January 1981, 1983, and 1984, a new stock basis was established affecting stocks reported and stock change calculations. Stock changes are calculated using new basis stock levels. See Summary Statistics Explanatory Note 4.
— = Not Applicable.
Notes: • Liquefied petroleum gases includes ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. • Beginning in January 1984, unfractionated stream, is reported by individual product. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.
Source: See Summary Statistics Table and Figure Sources.

Table S10. Other Petroleum Products Supply and Disposition, 1986 - Present

(Thousand Barrels per Day, Except Where Noted)

Year/Month	Supply		Disposition				
	Total Production	Imports	Stock Change[a]	Refinery Inputs	Exports	Products Supplied	Ending Stocks[b] (Million Barrels)
1986 Average	**2,704**	**504**	**-15**	**888**	**291**	**2,045**	**201**
1987 Average	**2,737**	**543**	**-1**	**829**	**264**	**2,187**	**200**
1988 Average	**2,773**	**645**	**22**	**799**	**294**	**2,303**	**208**
1989 Average	**2,771**	**627**	**12**	**797**	**305**	**2,285**	**213**
1990 Average	**2,842**	**705**	**-32**	**887**	**289**	**2,402**	**201**
1991 Average	**2,826**	**675**	**18**	**936**	**277**	**2,269**	**208**
1992 Average	**2,928**	**707**	**-3**	**906**	**263**	**2,470**	[c] **207**
1993 Average	**3,035**	**770**	[c] **-2**	**1,081**	**300**	**2,426**	**206**
1994 Average	**2,973**	**761**	**24**	**861**	**329**	**2,518**	**215**
1995 Average	**3,031**	**708**	**-23**	**958**	**348**	**2,457**	**206**
1996 Average	**3,108**	**879**	**-11**	**1,014**	**376**	**2,608**	**202**
1997 Average	**3,204**	**945**	**30**	**985**	**402**	**2,733**	**213**
1998 Average	**3,253**	**888**	**18**	**1,002**	**380**	**2,741**	**219**
1999 January	3,097	891	390	759	307	2,532	232
February	3,159	900	276	775	272	2,736	239
March	3,145	815	375	593	302	2,691	251
April	3,108	1,067	-76	1,041	352	2,859	249
May	3,363	1,007	21	1,427	321	2,602	249
June	3,216	1,132	-520	1,387	311	3,170	234
July	3,271	981	-302	1,295	325	2,935	224
August	3,465	1,040	-190	1,083	359	3,253	218
September	3,373	981	-139	1,094	345	3,054	214
October	3,124	929	-192	1,105	327	2,812	208
November	3,120	743	-110	856	396	2,722	205
December	3,083	835	-292	1,300	439	2,470	196
Average	**3,211**	**943**	**-64**	**1,061**	**338**	**2,819**	**—**
2000 January	2,802	977	314	808	319	2,338	206
February	2,945	994	358	710	397	2,473	216
March	3,001	1,019	205	817	387	2,612	222
April	3,146	948	174	1,041	468	2,411	228
May	3,272	1,009	-158	1,117	372	2,949	223
June	3,427	997	-143	1,188	438	2,941	218
July	3,454	828	38	959	446	2,839	220
August	3,341	826	-328	1,095	421	2,979	210
September	3,319	1,032	-159	1,192	415	2,904	205
October	3,202	797	-9	998	484	2,525	204
November	3,135	868	8	1,128	509	2,358	205
December	2,798	971	76	835	490	2,368	207
Average	**3,154**	**938**	**30**	**991**	**429**	**2,642**	**—**
2001 January	2,704	1,079	394	434	483	2,471	220
February	2,982	1,003	566	482	499	2,438	236
March	2,806	1,040	158	770	424	2,495	240
April	2,946	971	16	919	451	2,531	241
May	3,078	1,003	-57	1,024	465	2,650	239
June	3,205	986	-240	1,327	430	2,674	232
July	3,193	814	-342	1,340	393	2,615	221
August	3,162	898	-288	1,100	492	2,757	212
September	3,183	872	263	1,025	334	2,434	220
October	3,068	878	-228	1,019	473	2,682	213
10-Mo. Average	**3,033**	**954**	**19**	**947**	**444**	**2,576**	**—**
2000 10-Mo. Average	**3,192**	**942**	**28**	**993**	**415**	**2,698**	**—**
1999 10-Mo. Average	**3,233**	**974**	**-37**	**1,057**	**322**	**2,864**	**—**

[a] A negative number indicates a decrease in stocks and a positive number indicates an increase.

[b] Stocks are totals as of end of period.

[c] In January 1981, 1983, and 1984, a new stock basis was established affecting stocks reported and stock change calculations. Stock changes are calculated using new basis stock levels. Bulk terminal, pipeline, and merchant-producer stocks of oxygenates were added beginning in January 1993. See Summary Statistics Explanatory Note 4.

— = Not Applicable.

Notes: • Other petroleum products includes pentanes plus, other hydrocarbons and oxygenates, unfinished oils, gasoline blending components and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, liquefied petroleum gases, and crude oil product supplied. • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

Source: See Summary Statistics Table and Figure Sources.

Summary Statistics Tables and Figures Sources

Information about petroleum supply and disposition at the National level are presented in the Summary Statistics tables. Industry terminology and product definitions are listed alphabetically in the Glossary.

The data presented in these tables are from several sources and represent different levels of timeliness and data finality.

- U.S. Department of Energy, Energy Information Administration (EIA), *Petroleum Supply Annual* (1986 through 2000).
- EIA, *Petroleum Supply Monthly* (January 1994 through October 2001).
- EIA, Weekly Petroleum Supply Reporting System (except domestic crude oil production) (November 2001). A more detailed explanation is provided in Summary Statistics Explanatory Note 1.
- Domestic crude oil production estimate is based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of the Interior. (January 1994 through November 2001). Refer to Summary Statistics Explanatory Note 2 for a more detailed explanation.

Summary Statistics Explanatory Notes

The following explanatory notes are provided to assist in understanding and interpreting the data presented in the Summary Statistics section of this publication.

Note 1. Preliminary Monthly Statistics Derivation

Data collected from the Weekly Petroleum Supply Reporting System (WPSRS) are used to develop estimates of the most current monthly quantities. The forms that comprise the WPSRS are:

Form Number	Name
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"

A sample of all petroleum companies report weekly data to the Energy Information Administration (EIA) on crude oil and petroleum products 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.

The sampling procedure used for the weekly system is the cut-off method. In the cut-off method, companies are ranked from largest to smallest on the basis of the quantities reported during a 12-month period. Companies are chosen for the sample beginning with the largest companies with additional companies added until the total sample coverage represents a minimum of 90 percent of each item by geographic region being measured. All monthly-from-weekly estimates are shown in italics.

In calculating monthly estimates based upon weekly submissions, an interpolation process is used to make the weekly figures comparable to the monthly. The interpolation process is designed to resolve the timing differences between the weekly and the monthly systems — the time-of-day of reporting periods and the day-of-month of reporting periods. The end of the weekly reporting period (exactly 1 week long) is 7 a.m. Friday. The end of the monthly reporting period (one calendar month long) is 12 midnight on the last day of the month. To resolve the difference in the time-of-day of the weekly and monthly reporting periods, it is assumed that there is no activity during the period 12 midnight Thursday through 7 a.m. Friday. Thus, for the purposes of interpolation, the weekly system reporting period is assumed to end at 12 midnight on Thursday. The resolution of the day-of-month differences depends on whether the series is a cumulative one (such as production and imports) or a value at a fixed point-in-time (i.e., stocks).

For cumulative items (all items except stocks) the following method is used to calculate a monthly-from-weekly figure for a given month. First, a weight is assigned to each week in the month based on the number of days in that week that are in the month. (All intermediate weeks in a month will have a weight of seven; the beginning and ending weeks in the month may have a weight of less than seven, according to the number of days of the week that are in the month.) The weight for each week is then multiplied by the average daily volume for that week. To arrive at the monthly-from-weekly figure, a sum is taken of these weighted weekly volumes. The daily average for the monthly-from-weekly figure is calculated by dividing the total monthly-from-weekly figure by the number of days in the month.

Stock figures are not cumulative but represent inventories as of the last day of the reporting period. When the reporting week does not coincide with the end of a reporting month, an interpolation is necessary to derive a monthly-from-weekly figure for end-of-month stocks.

To derive the monthly-from-weekly stock figures, the two weekly reports that bracket the end of the month are used. Average daily stock change and the number of interpolated days are determined. The average daily stock change is defined as one-seventh of the difference between the stock level at the end of the last full week of the month and the stock level at the end of the week containing the last day of the month. The number of interpolation days is defined as the number of days between the end of the preceding weekly reporting period (midnight Thursday) and the end of the monthly reporting period. The end-of-month stock levels are then estimated as the sum of (a) the stock level reported the last full week of the month, plus (b) the number of interpolation days multiplied by the average daily stock change for the week.

The monthly-from-weekly exports data are derived from the most recent data published in the *Weekly Petroleum Status Report*. Beginning with statistics for the first week ending in October 1991, weekly estimates of exports are forecast using an autoregressive integrated moving-average (ARIMA) procedure. The ARIMA procedure models a value as a linear combination of its own past values and present and past values of other related time series. The most recent 5 years of

past data are used to obtain the forecast. In addition, for the major products and crude oil, 5 years of related price data are used. The price data include some U.S. and some foreign series.

Note 2. 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. Data on crude oil production for Federal offshore areas are reported to the EIA by the Minerals Management Service of the U.S. Department of the Interior and the Conservation Committee of California Oil Producers.

Currently, all except four crude oil producing States (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 Conservation Committee of California Oil Producers. The final estimate is published in the *Petroleum Supply Annual.* 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 more timely crude oil production estimates, the EIA prepares an original, forecast estimate on the first day of the production month (indicated with a "PE"). Approximately 45 days later, this original estimate of monthly crude oil production is replaced by State-level interim estimates (indicated with an "RE"). The State-level 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.

Note 3. Figures

Figures associated with the Summary Statistics tables are provided which depict the balance between supply, disposition, and ending stocks for various commodities.

The national inventory (stocks) graphs (Figures S4, S6, S8, S10, S12, S14, and S16) for crude oil, finished motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, propane/propylene, and liquefied petroleum gases, in this publication include features to assist in comparing current inventory levels with past inventory levels and observed minimum operating levels. These features are described below.

The graphs displaying inventory levels provide the reader with actual inventory data compared to an *average range* from the most recent 3-year period running from January through December or from July through June. The ranges are updated every 6 months in April and October. The 3-year period is adjusted by dropping the oldest 6 months and including the most recent 6 months. The ranges also reflect seasonal variation determined from a 7-year period. The seasonal factors, which determine the shape of the upper and lower curves, are updated annually in October, using the most recent year's final monthly data.

The monthly seasonal factors are estimated by means of a seasonal adjustment technique developed at the U.S. Bureau of the Census (Census X-11). The seasonal factors are assumed to be stable (i.e., unchanging from year to year) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported inventory levels). The intent of deseasonalization is to remove only variation from the data. Thus, a deseasonalized series would contain the same trends, cyclical components, and irregularities as the original data.

After seasonal factors are derived, data from the most recent 3-year period (January through December or July through June) are deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard deviation of the deseasonalized 36 months is calculated adjusting for extreme data points. The upper curve of the average range is defined as the average plus the seasonal factors plus the standard deviation. The lower curve is defined as the average plus the seasonal factors minus the standard deviation. Thus, the width of the average range is twice the standard deviation.

The lines labeled "lower operational inventory" on the stock graphs are the lower end of the demonstrated operational inventory range updated for known and definable changes in the petroleum delivery system.

Note 4. Frames Maintenance

In January 1981 and 1983, numerous respondents were added to bulk terminal and pipeline surveys affecting subsequent stocks reported and stock change calculations. Using the expanded coverage (new basis), the end-of-year stocks, in million barrels, would have been as listed below.

- Crude Oil: 1982- 645 (Total) and 351 (Other Primary).

- Crude Oil and Petroleum Products: 1980- 1,425; and 1982- 1,461.
- Motor Gasoline: 1980- 263 (Total) and 214 (Finished); 1982- 244 (Total) and 202 (Finished).
- Distillate Fuel Oil: 1980- 205; and 1982- 186.
- Residual Fuel Oil: 1980- 91; and 1982- 69.
- Jet Fuel: 1980- 42 (Total) and 36 (Kerosene-type); and 1982- 39 (Total) and 32 (Kerosene-type).
- Propane/Propylene: 1980- 69; and 1982- 57.
- Liquefied Petroleum Gases: 1980- 128; and 1982-102.
- Other Petroleum Products: 1980- 207; and 1982-219.

Stock change calculations beginning in 1981 and 1983 were made using new basis stock levels.

Stocks of Alaskan crude oil in-transit were included for the first time in January 1981. The major impact of this change is on the reporting of stock change calculations. Using the expanded coverage (new basis), 1980 end-of-year crude oil stocks would have been 488 million barrels (Total) and 380 million barrels (Other Primary).

Beginning with January 1984, natural gas liquids supply and disposition data were collected on a component basis rather than a product basis. This change affected stocks reported and stock change calculations. Under the new basis, end-of-year 1983 stocks would have been:

- Propane/Propylene: 1983- 55.
- Liquefied Petroleum Gases: 1983- 108.
- Other Petroleum Products: 1983- 210.

In response to changes in the Clean Air Act Amendments of 1990 requiring that all gasoline sold in carbon monoxide nonattainment areas have an oxygen content of 2.7 percent (by weight) during winter months, the Energy Information Administration (EIA) conducted a frame identifier survey in 1991 of companies that produce, blend, store, or import oxygenates. The purpose of this survey was to (1) identify all U.S. producers, blenders, storers, and importers of oxygenates; and (2) collect supply and blending data for 1990 and end of 1990 inventory data on those oxygenates blended into motor gasoline. A summary of the results from the identification survey were published in the *Weekly Petroleum Status Report* dated February 12, 1992 and in the February 1992 issue of the *Petroleum Supply Monthly*.

In order to continue to provide relevant information about U.S. and regional gasoline supply, the EIA conducted a second frame identifier survey of these companies during 1992. As a result, a number of respondents were added to the monthly surveys effective in January 1993: 19 blenders, 25 stock holders, and 8 importers. This change did not affect stocks reported and therefore did not cause a new basis stock level to be calculated.

Table 1. U.S. Petroleum Balance, October 2001

	Commodity	Current Month		Year to Date	
		Thousand Barrels	Thousand Barrels per Day	Thousand Barrels	Thousand Barrels per Day
	Crude Oil				
	Field Production				
(1)	Alaska	E 27,734	E 895	E 290,395	E 955
(2)	Lower 48 States	E 152,424	E 4,917	E 1,482,991	E 4,878
(3)	**Total U.S.**	**E 180,159**	**E 5,812**	**E 1,773,386**	**E 5,834**
	Net Imports				
(4)	Imports (Gross Excluding Strategic Petroleum Reserve (SPR))	281,375	9,077	2,788,420	9,172
(5)	SPR Imports	0	0	2,832	9
(6)	Exports	351	11	7,803	26
(7)	**Imports (Net Including SPR)**	**281,024**	**9,065**	**2,783,449**	**9,156**
	Other Sources				
(8)	SPR Stock Change (Withdrawal (+), Addition (-))	-449	-14	-4,531	-15
(9)	Other Stock Change (Withdrawal (+), Addition (-))	-4,453	-144	-22,809	-75
(10)	Product Supplied and Losses	0	0	0	0
(11)	Unaccounted for[a]	8,743	282	88,496	291
(12)	**Total Other Sources**	**3,841**	**124**	**61,156**	**201**
(13)	**Crude Input to Refineries**	**465,023**	**15,001**	**4,617,992**	**15,191**
	(13) = (3) + (7) + (12)				
	Natural Gas Liquids (NGL)				
(14)	Field Production[b]	71,208	2,297	659,316	2,169
(15)	Net Imports[c]	1,148	37	10,622	35
(16)	Stock Change (Withdrawal (+), Addition (-))[c]	1,925	62	-1,954	-6
(17)	**Total NGL Supply**	**74,281**	**2,396**	**667,983**	**2,197**
	Other Liquids				
	Unfinished Oils and Gasoline Blending Components, Total				
(18)	Stock Change (Withdrawal (+), Addition (-))	1,863	60	-10,799	-36
(19)	Net Imports	15,064	486	176,317	580
(20)	Other Liquids New Supply(Field Production)	3,573	115	19,252	63
(21)	Refinery Processing Gain[a]	30,263	976	281,346	925
(22)	Crude Oil Product Supplied	0	0	0	0
(23)	**Total Other Liquids**	**50,763**	**1,638**	**466,116**	**1,533**
	(23) = (18) through (22)				
(24)	**Total Production of Products**	**590,067**	**19,034**	**5,752,091**	**18,921**
	(24) = (13) + (17) + (23)				
	Net Imports of Refined Products				
(25)	Imports (Gross)	47,251	1,524	570,785	1,878
(26)	Exports	28,558	921	276,791	910
(27)	**Imports (Net)**	**18,693**	**603**	**293,994**	**967**
(28)	**Total New Supply of Products**	**608,760**	**19,637**	**6,046,086**	**19,888**
	(28) = (24) + (27)				
(29)	Refined Products Stock Change (Withdrawal (+), Addition (-))[f]	412	13	-62,989	-207
(30)	**Total Petroleum Products Supplied for Domestic Use**	**609,172**	**19,651**	**5,983,097**	**19,681**
	(30) = (28) + (29)				
(31)	Finished Motor Gasoline	266,903	8,610	2,609,894	8,585
(32)	Distillate Fuel Oil	119,344	3,850	1,172,239	3,856
(33)	Residual Fuel Oil	26,032	840	294,777	970
(34)	Jet Fuel	48,395	1,561	513,621	1,690
(35)	Liquefied Petroleum Gases	65,347	2,108	609,373	2,005
(36)	Other[d]	83,152	2,682	783,193	2,576
(37)	Crude Oil	0	0	0	0
(38)	**Total Products Supplied**	**609,172**	**19,651**	**5,983,097**	**19,681**
	(38) = (31) through (37)				
	Ending Stocks, All Oils				
(39)	Crude Oil (Excluding SPR)	311,469	—	311,469	—
(40)	Strategic Petroleum Reserve[e]	545,209	—	545,209	—
(41)	Finished Motor Gasoline	159,508	—	159,508	—
(42)	Distillate Fuel Oil[f]	128,614	—	128,614	—
(43)	Residual Fuel Oil	37,934	—	37,934	—
(44)	Jet Fuel	40,379	—	40,379	—
(45)	Liquefied Petroleum Gases	139,270	—	139,270	—
(46)	Other[d]	213,220	—	213,220	—
(47)	**Total Stocks[f]**	**1,575,603**	**—**	**1,575,603**	**—**
	(47) = (39) through (46)				

[a] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Refinery processing gain represents the volumetric amount by which total output is greater than input for a given period of time. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50 thousand barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

[b] Includes field production of fuel ethanol and an adjustment for motor gasoline blending components.

[c] Includes products in the pentanes plus category only.

[d] Includes pentanes plus, other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, and liquefied petroleum gases.

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

[f] Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

E = Estimated. — = Not Applicable.

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

Sources: • Energy Information Administration (EIA), Monthly Petroleum Supply Reporting System. • Domestic crude oil 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. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply				Disposition					Ending Stocks[d]
	Field Production	Refinery Production	Imports	Unaccounted For Crude Oil[a]	Stock Change[b]	Crude Losses	Refinery Inputs	Exports	Products Supplied[c]	
Crude Oil	[E] **180,159**	**—**	**281,375**	**8,743**	**4,902**	**0**	**465,023**	**351**	**0**	**856,678**
Natural Gas Liquids and LRGs	**62,491**	**16,576**	**6,762**	**—**	**-1,333**	**—**	**12,783**	**1,171**	**73,208**	**146,427**
Pentanes Plus	9,825	—	1,170	—	-1,925	—	5,037	22	7,861	7,157
Liquefied Petroleum Gases	52,666	16,576	5,592	—	592	—	7,746	1,149	65,347	139,270
Ethane/Ethylene	24,217	838	133	—	2,218	—	0	0	22,970	24,410
Propane/Propylene	17,782	17,279	4,528	—	1,064	—	0	815	37,710	68,065
Normal Butane/Butylene	4,206	-1,044	873	—	-2,237	—	4,383	333	1,556	39,445
Isobutane/Isobutylene	6,461	-497	58	—	-453	—	3,363	0	3,112	7,350
Other Liquids	**3,573**	**—**	**15,830**	**—**	**-1,863**	**—**	**26,559**	**766**	**-6,059**	**153,174**
Other Hydrocarbons/Oxygenates	9,368	—	2,273	—	-659	—	11,634	666	0	13,128
Unfinished Oils	—	—	5,987	—	-850	—	13,028	0	-6,191	92,207
Motor Gasoline Blend. Comp.	-5,795	—	7,570	—	-321	—	1,996	100	0	47,620
Aviation Gasoline Blend. Comp.	—	—	0	—	-33	—	-99	0	132	219
Finished Petroleum Products	**8,717**	**518,052**	**41,659**	**—**	**-1,004**	**—**	**—**	**27,409**	**542,023**	**419,324**
Finished Motor Gasoline	8,717	251,993	12,918	—	1,893	—	—	4,832	266,903	159,508
Reformulated	—	82,177	6,958	—	2,629	—	—	167	86,339	43,599
Oxygenated	29,220	3,461	0	—	-167	—	—	(s)	32,848	404
Other	-20,503	166,355	5,960	—	-569	—	—	4,665	147,716	115,505
Finished Aviation Gasoline	—	603	18	—	132	—	—	0	489	1,471
Jet Fuel	—	45,236	1,632	—	-2,493	—	—	966	48,395	40,379
Naphtha-Type	—	6	0	—	-42	—	—	(s)	48	23
Kerosene-Type	—	45,230	1,632	—	-2,451	—	—	966	48,347	40,356
Kerosene	—	2,440	41	—	1,610	—	—	246	625	6,242
Distillate Fuel Oil	—	117,432	8,727	—	2,067	—	—	4,748	119,344	128,614
0.05 percent sulfur and under	—	82,987	3,687	—	-2,477	—	—	1,652	87,499	68,887
Greater than 0.05 percent sulfur	—	34,445	5,040	—	4,544	—	—	3,097	31,844	59,727
Residual Fuel Oil	—	21,666	8,154	—	794	—	—	2,994	26,032	37,934
Naphtha For Petro. Feed. Use	—	5,308	4,000	—	243	—	—	0	9,065	2,693
Other Oils For Petro. Feed. Use	—	5,027	4,410	—	34	—	—	0	9,403	1,692
Special Naphthas	—	1,448	510	—	11	—	—	960	987	1,847
Lubricants	—	5,557	136	—	665	—	—	968	4,060	12,077
Waxes	—	545	73	—	-122	—	—	145	595	858
Petroleum Coke	—	23,306	0	—	-1,052	—	—	11,338	13,020	8,237
Asphalt and Road Oil	—	15,634	1,028	—	-4,608	—	—	204	21,066	16,521
Still Gas	—	19,958	0	—	0	—	—	0	19,958	0
Miscellaneous Products	—	1,899	12	—	-178	—	—	8	2,081	1,251
Total	**254,940**	**534,628**	**345,626**	**8,743**	**702**	**0**	**504,365**	**29,698**	**609,172**	**1,575,603**

[a] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50,000 barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

[b] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[c] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, minus stock change, minus crude losses, minus refinery inputs, minus exports.

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

(s) = Less than 500 barrels.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report." Domestic crude oil 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. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply				Disposition					
	Field Production	Refinery Production	Imports	Unaccounted For Crude Oil[a]	Stock Change[b]	Crude Losses	Refinery Inputs	Exports	Products Supplied[c]	Ending Stocks[d]
Crude Oil	E **1,773,386**	**—**	**2,791,252**	**88,496**	**27,340**	**0**	**4,617,992**	**7,803**	**0**	**856,678**
Natural Gas Liquids and LRGs	**562,176**	**215,799**	**70,592**	**—**	**57,654**	**—**	**106,665**	**14,012**	**670,236**	**146,427**
Pentanes Plus	92,342	—	11,149	—	1,954	—	40,146	527	60,864	7,157
Liquefied Petroleum Gases	469,834	215,799	59,443	—	55,700	—	66,519	13,484	609,373	139,270
Ethane/Ethylene	207,930	5,917	1,398	—	7,605	—	0	0	207,640	24,410
Propane/Propylene	161,002	168,741	39,896	—	26,642	—	0	9,515	333,482	68,065
Normal Butane/Butylene	40,928	41,199	13,274	—	20,149	—	30,594	3,969	40,689	39,445
Isobutane/Isobutylene	59,974	-58	4,875	—	1,304	—	35,925	0	27,562	7,350
Other Liquids	**19,252**	**—**	**187,754**	**—**	**10,799**	**—**	**247,824**	**11,437**	**-63,054**	**153,174**
Other Hydrocarbons/Oxygenates	94,700	—	24,261	—	1,436	—	109,307	8,218	0	13,128
Unfinished Oils	—	—	73,734	—	5,099	—	132,646	0	-64,011	92,207
Motor Gasoline Blend. Comp.	-75,448	—	89,759	—	4,337	—	6,755	3,219	0	47,620
Aviation Gasoline Blend. Comp.	—	—	0	—	-73	—	-884	0	957	219
Finished Petroleum Products	**97,140**	**5,038,028**	**511,342**	**—**	**7,289**	**—**	**—**	**263,306**	**5,375,914**	**419,324**
Finished Motor Gasoline	97,140	2,422,468	135,300	—	5,928	—	—	39,085	2,609,894	159,508
Reformulated	—	778,762	64,245	—	1,843	—	—	1,394	839,770	43,599
Oxygenated	216,920	28,899	451	—	-292	—	—	69	246,493	404
Other	-119,780	1,614,807	70,604	—	4,377	—	—	37,622	1,523,631	115,505
Finished Aviation Gasoline	—	5,622	563	—	193	—	—	0	5,992	1,471
Jet Fuel	—	469,256	47,455	—	-4,139	—	—	7,229	513,621	40,379
Naphtha-Type	—	78	0	—	-86	—	—	77	87	23
Kerosene-Type	—	469,178	47,455	—	-4,053	—	—	7,153	513,533	40,356
Kerosene	—	21,997	1,655	—	2,117	—	—	747	20,788	6,242
Distillate Fuel Oil	—	1,113,914	115,605	—	10,579	—	—	46,701	1,172,239	128,614
0.05 percent sulfur and under	—	784,607	42,116	—	-2,669	—	—	9,670	819,722	68,887
Greater than 0.05 percent sulfur	—	329,307	73,489	—	13,248	—	—	37,031	352,517	59,727
Residual Fuel Oil	—	222,085	121,842	—	1,931	—	—	47,219	294,777	37,934
Naphtha For Petro. Feed. Use	—	47,314	28,532	—	-19	—	—	0	75,865	2,693
Other Oils For Petro. Feed. Use	—	51,859	44,689	—	-120	—	—	0	96,668	1,692
Special Naphthas	—	16,757	3,519	—	-305	—	—	7,003	13,578	1,847
Lubricants	—	53,372	2,520	—	-20	—	—	7,871	48,041	12,077
Waxes	—	5,549	757	—	-189	—	—	1,103	5,392	858
Petroleum Coke	—	232,508	70	—	-247	—	—	104,685	128,140	8,237
Asphalt and Road Oil	—	151,663	8,670	—	-8,564	—	—	1,587	167,310	16,521
Still Gas	—	205,780	0	—	0	—	—	0	205,780	0
Miscellaneous Products	—	17,884	165	—	144	—	—	75	17,830	1,251
Total	**2,451,954**	**5,253,827**	**3,560,940**	**88,496**	**103,082**	**0**	**4,972,481**	**296,557**	**5,983,097**	**1,575,603**

[a] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50,000 barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

[b] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[c] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, minus stock change, minus crude losses, minus refinery inputs, minus exports.

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

(s) = Less than 500 barrels.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report." Domestic crude oil 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. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply				Disposition				
	Field Production	Refinery Production	Imports	Unaccounted For Crude Oil[a]	Stock Change[b]	Crude Losses	Refinery Inputs	Exports	Products Supplied[c]
Crude Oil	E **5,812**	**—**	**9,077**	**282**	**158**	**0**	**15,001**	**11**	**0**
Natural Gas Liquids and LRGs	**2,016**	**535**	**218**	**—**	**-43**	**—**	**412**	**38**	**2,362**
Pentanes Plus	317	—	38	—	-62	—	162	1	254
Liquefied Petroleum Gases	1,699	535	180	—	19	—	250	37	2,108
Ethane/Ethylene	781	27	4	—	72	—	0	0	741
Propane/Propylene	574	557	146	—	34	—	0	26	1,216
Normal Butane/Butylene	136	-34	28	—	-72	—	141	11	50
Isobutane/Isobutylene	208	-16	2	—	-15	—	108	0	100
Other Liquids	**115**	**—**	**511**	**—**	**-60**	**—**	**857**	**25**	**-195**
Other Hydrocarbons/Oxygenates	302	—	73	—	-21	—	375	21	0
Unfinished Oils	—	—	193	—	-27	—	420	0	-200
Motor Gasoline Blend. Comp.	-187	—	244	—	-10	—	64	3	0
Aviation Gasoline Blend. Comp.	—	—	0	—	-1	—	-3	0	4
Finished Petroleum Products	**281**	**16,711**	**1,344**	**—**	**-32**	**—**	**—**	**884**	**17,485**
Finished Motor Gasoline	281	8,129	417	—	61	—	—	156	8,610
Reformulated	—	2,651	224	—	85	—	—	5	2,785
Oxygenated	943	112	0	—	-5	—	—	(s)	1,060
Other	-661	5,366	192	—	-18	—	—	150	4,765
Finished Aviation Gasoline	—	19	1	—	4	—	—	0	16
Jet Fuel	—	1,459	53	—	-80	—	—	31	1,561
Naphtha-Type	—	(s)	0	—	-1	—	—	(s)	2
Kerosene-Type	—	1,459	53	—	-79	—	—	31	1,560
Kerosene	—	79	1	—	52	—	—	8	20
Distillate Fuel Oil	—	3,788	282	—	67	—	—	153	3,850
0.05 percent sulfur and under	—	2,677	119	—	-80	—	—	53	2,823
Greater than 0.05 percent sulfur	—	1,111	163	—	147	—	—	100	1,027
Residual Fuel Oil	—	699	263	—	26	—	—	97	840
Naphtha For Petro. Feed. Use	—	171	129	—	8	—	—	0	292
Other Oils For Petro. Feed. Use	—	162	142	—	1	—	—	0	303
Special Naphthas	—	47	16	—	(s)	—	—	31	32
Lubricants	—	179	4	—	21	—	—	31	131
Waxes	—	18	2	—	-4	—	—	5	19
Petroleum Coke	—	752	0	—	-34	—	—	366	420
Asphalt and Road Oil	—	504	33	—	-149	—	—	7	680
Still Gas	—	644	0	—	0	—	—	0	644
Miscellaneous Products	—	61	(s)	—	-6	—	—	(s)	67
Total	**8,224**	**17,246**	**11,149**	**282**	**23**	**0**	**16,270**	**958**	**19,651**

[a] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50,000 barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

[b] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[c] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, minus stock change, minus crude losses, minus refinery inputs, minus exports.

(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply				Disposition				
	Field Production	Refinery Production	Imports	Unaccounted For Crude Oil[a]	Stock Change[b]	Crude Losses	Refinery Inputs	Exports	Products Supplied[c]
Crude Oil	E **5,834**	**—**	**9,182**	**291**	**90**	**0**	**15,191**	**26**	**0**
Natural Gas Liquids and LRGs	**1,849**	**710**	**232**	**—**	**190**	**—**	**351**	**46**	**2,205**
Pentanes Plus	304	—	37	—	6	—	132	2	200
Liquefied Petroleum Gases	1,546	710	196	—	183	—	219	44	2,005
Ethane/Ethylene	684	19	5	—	25	—	0	0	683
Propane/Propylene	530	555	131	—	88	—	0	31	1,097
Normal Butane/Butylene	135	136	44	—	66	—	101	13	134
Isobutane/Isobutylene	197	(s)	16	—	4	—	118	0	91
Other Liquids	**63**	**—**	**618**	**—**	**36**	**—**	**815**	**38**	**-207**
Other Hydrocarbons/Oxygenates	312	—	80	—	5	—	360	27	0
Unfinished Oils	—	—	243	—	17	—	436	0	-211
Motor Gasoline Blend. Comp.	-248	—	295	—	14	—	22	11	0
Aviation Gasoline Blend. Comp.	—	—	0	—	(s)	—	-3	0	3
Finished Petroleum Products	**320**	**16,572**	**1,682**	**—**	**24**	**—**	**—**	**866**	**17,684**
Finished Motor Gasoline	320	7,969	445	—	20	—	—	129	8,585
Reformulated	—	2,562	211	—	6	—	—	5	2,762
Oxygenated	714	95	1	—	-1	—	—	(s)	811
Other	-394	5,312	232	—	14	—	—	124	5,012
Finished Aviation Gasoline	—	18	2	—	1	—	—	0	20
Jet Fuel	—	1,544	156	—	-14	—	—	24	1,690
Naphtha-Type	—	(s)	0	—	(s)	—	—	(s)	(s)
Kerosene-Type	—	1,543	156	—	-13	—	—	24	1,689
Kerosene	—	72	5	—	7	—	—	2	68
Distillate Fuel Oil	—	3,664	380	—	35	—	—	154	3,856
0.05 percent sulfur and under	—	2,581	139	—	-9	—	—	32	2,696
Greater than 0.05 percent sulfur	—	1,083	242	—	44	—	—	122	1,160
Residual Fuel Oil	—	731	401	—	6	—	—	155	970
Naphtha For Petro. Feed. Use	—	156	94	—	(s)	—	—	0	250
Other Oils For Petro. Feed. Use	—	171	147	—	(s)	—	—	0	318
Special Naphthas	—	55	12	—	-1	—	—	23	45
Lubricants	—	176	8	—	(s)	—	—	26	158
Waxes	—	18	2	—	-1	—	—	4	18
Petroleum Coke	—	765	(s)	—	-1	—	—	344	422
Asphalt and Road Oil	—	499	29	—	-28	—	—	5	550
Still Gas	—	677	0	—	0	—	—	0	677
Miscellaneous Products	—	59	1	—	(s)	—	—	(s)	59
Total	**8,066**	**17,282**	**11,714**	**291**	**339**	**0**	**16,357**	**976**	**19,681**

[a] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil. Preliminary estimates of crude oil imports at the National level have historically understated final values by approximately 50,000 barrels per day. This causes the preliminary values of unaccounted for crude oil to overstate the final values by the same amount.

[b] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[c] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, minus stock change, minus crude losses, minus refinery inputs, minus exports.

(s) = Less than 500 barrels per day.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 I—Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks[f]
Crude Oil	[E] **660**	**—**	**43,328**	**1,002**	**105**	**-308**	**0**	**45,301**	**102**	**0**	**14,191**
Natural Gas Liquids and LRGs	**816**	**870**	**965**	**—**	**3,657**	**-424**	**—**	**231**	**10**	**6,491**	**7,136**
Pentanes Plus	98	—	0	—	0	-9	—	0	1	106	21
Liquefied Petroleum Gases	718	870	965	—	3,657	-415	—	231	9	6,385	7,115
Ethane/Ethylene	226	0	0	—	0	0	—	0	0	226	0
Propane/Propylene	339	1,539	804	—	3,576	69	—	0	8	6,181	5,008
Normal Butane/Butylene	112	-462	105	—	59	-475	—	150	1	138	1,876
Isobutane/Isobutylene	41	-207	56	—	22	-9	—	81	0	-160	231
Other Liquids	**756**	**—**	**8,037**	**—**	**138**	**-1,597**	**—**	**12,700**	**55**	**-2,227**	**18,619**
Other Hydrocarbons/Oxygenates	1,721	—	820	—	0	167	—	2,320	54	0	2,772
Unfinished Oils	—	—	438	—	6	-1,497	—	4,301	0	-2,360	9,184
Motor Gasoline Blend. Comp.	-965	—	6,779	—	132	-255	—	6,200	1	0	6,488
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-12	—	-121	0	133	175
Finished Petroleum Products	**1,199**	**61,077**	**27,155**	**—**	**88,873**	**7,519**	**—**	**—**	**2,184**	**168,601**	**144,635**
Finished Motor Gasoline	1,199	32,232	11,555	—	50,778	1,090	—	—	354	94,320	49,861
Reformulated	—	20,229	6,045	—	10,550	3,208	—	—	0	33,616	19,999
Oxygenated	2,338	0	0	—	0	-6	—	—	(s)	2,344	83
Other	-1,139	12,003	5,510	—	40,228	-2,112	—	—	354	58,360	29,779
Finished Aviation Gasoline	—	0	0	—	79	14	—	—	0	65	107
Jet Fuel	—	2,651	711	—	13,299	367	—	—	305	15,989	11,977
Naphtha-Type	—	0	0	—	0	0	—	—	0	0	0
Kerosene-Type	—	2,651	711	—	13,299	367	—	—	305	15,989	11,977
Kerosene	—	387	41	—	111	1,292	—	—	5	-758	3,955
Distillate Fuel Oil	—	14,755	6,754	—	22,904	5,491	—	—	701	38,221	56,980
0.05 percent sulfur and under	—	7,854	1,806	—	14,700	936	—	—	402	23,022	18,733
Greater than 0.05 percent sulfur	—	6,901	4,948	—	8,204	4,555	—	—	299	15,199	38,247
Residual Fuel Oil	—	3,381	6,497	—	295	257	—	—	235	9,681	15,618
Petrochemical Feedstocks[e]	—	482	100	—	-15	239	—	—	0	328	622
Special Naphthas	—	54	380	—	40	7	—	—	8	459	77
Lubricants	—	438	98	—	770	274	—	—	114	918	2,121
Waxes	—	31	46	—	0	-9	—	—	42	44	213
Petroleum Coke	—	1,554	0	—	0	-92	—	—	413	1,233	197
Asphalt and Road Oil	—	3,258	973	—	612	-1,406	—	—	3	6,246	2,867
Still Gas	—	1,821	0	—	0	0	—	—	0	1,821	0
Miscellaneous Products	—	33	0	—	0	-5	—	—	4	34	40
Total	**3,431**	**61,947**	**79,485**	**1,002**	**92,773**	**5,190**	**0**	**58,232**	**2,351**	**172,865**	**184,581**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.

[c] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[d] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.

[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

[f] Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

(s) = Less than 500 barrels.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 I—Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks[f]
Crude Oil	E 6,459	—	441,018	13,985	874	1,175	0	459,498	1,663	0	14,191
Natural Gas Liquids and LRGs	7,806	15,084	11,444	—	31,612	1,976	—	1,220	542	62,208	7,136
Pentanes Plus	904	—	0	—	0	14	—	0	11	879	21
Liquefied Petroleum Gases	6,902	15,084	11,444	—	31,612	1,962	—	1,220	531	61,329	7,115
Ethane/Ethylene	2,280	0	0	—	0	0	—	0	0	2,280	0
Propane/Propylene	3,129	14,537	10,163	—	30,982	1,008	—	0	321	57,482	5,008
Normal Butane/Butylene	1,103	2,007	1,178	—	662	880	—	293	210	3,567	1,876
Isobutane/Isobutylene	390	-1,460	103	—	-32	74	—	927	0	-2,000	231
Other Liquids	3,098	—	90,626	—	1,636	496	—	114,276	1,899	-21,311	18,619
Other Hydrocarbons/Oxygenates	18,166	—	5,084	—	0	722	—	21,242	1,286	0	2,772
Unfinished Oils	—	—	9,446	—	-190	666	—	30,860	0	-22,270	9,184
Motor Gasoline Blend. Comp.	-15,068	—	76,096	—	1,826	-838	—	63,079	613	0	6,488
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-54	—	-905	0	959	175
Finished Petroleum Products	17,053	587,604	354,708	—	838,586	19,971	—	—	13,954	1,764,026	144,635
Finished Motor Gasoline	17,053	309,538	126,751	—	474,946	27	—	—	2,518	925,743	49,861
Reformulated	—	190,756	62,697	—	98,751	-89	—	—	551	351,742	19,999
Oxygenated	19,850	722	19	—	0	13	—	—	1	20,578	83
Other	-2,797	118,060	64,035	—	376,195	103	—	—	1,966	553,424	29,779
Finished Aviation Gasoline	—	35	1	—	683	15	—	—	0	704	107
Jet Fuel	—	26,339	23,002	—	134,677	1,593	—	—	775	181,650	11,977
Naphtha-Type	—	0	0	—	0	0	—	—	62	-62	0
Kerosene-Type	—	26,339	23,002	—	134,677	1,593	—	—	713	181,712	11,977
Kerosene	—	3,988	1,630	—	654	1,660	—	—	57	4,555	3,955
Distillate Fuel Oil	—	140,655	99,578	—	208,883	15,888	—	—	2,883	430,345	56,980
0.05 percent sulfur and under	—	70,836	34,296	—	128,917	2,230	—	—	764	231,055	18,733
Greater than 0.05 percent sulfur	—	69,819	65,282	—	79,966	13,658	—	—	2,118	199,291	38,247
Residual Fuel Oil	—	32,968	90,262	—	7,981	2,148	—	—	1,830	127,233	15,618
Petrochemical Feedstocks[e]	—	3,577	1,574	—	-567	149	—	—	0	4,435	622
Special Naphthas	—	567	1,712	—	417	-38	—	—	410	2,324	77
Lubricants	—	4,422	2,004	—	7,112	-229	—	—	1,308	12,459	2,121
Waxes	—	134	400	—	0	-103	—	—	316	321	213
Petroleum Coke	—	15,720	0	—	0	-17	—	—	3,614	12,123	197
Asphalt and Road Oil	—	30,495	7,794	—	3,800	-1,080	—	—	199	42,970	2,867
Still Gas	—	18,649	0	—	0	0	—	—	0	18,649	0
Miscellaneous Products	—	517	0	—	0	-42	—	—	46	513	40
Total	34,416	602,688	897,796	13,985	872,708	23,618	0	574,994	18,058	1,804,923	184,581

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.

[c] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[d] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.

[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

[f] Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

(s) = Less than 500 barrels.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 I—Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	[E] **21**	**—**	**1,398**	**32**	**3**	**-10**	**0**	**1,461**	**3**	**0**
Natural Gas Liquids and LRGs	**26**	**28**	**31**	**—**	**118**	**-14**	**—**	**7**	**(s)**	**209**
Pentanes Plus	3	—	0	—	0	(s)	—	0	(s)	3
Liquefied Petroleum Gases	23	28	31	—	118	-13	—	7	(s)	206
Ethane/Ethylene	7	0	0	—	0	0	—	0	0	7
Propane/Propylene	11	50	26	—	115	2	—	0	(s)	199
Normal Butane/Butylene	4	-15	3	—	2	-15	—	5	(s)	4
Isobutane/Isobutylene	1	-7	2	—	1	(s)	—	3	0	-5
Other Liquids	**24**	**—**	**259**	**—**	**4**	**-52**	**—**	**410**	**2**	**-72**
Other Hydrocarbons/Oxygenates	56	—	26	—	0	5	—	75	2	0
Unfinished Oils	—	—	14	—	(s)	-48	—	139	0	-76
Motor Gasoline Blend. Comp.	-31	—	219	—	4	-8	—	200	(s)	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	-4	0	4
Finished Petroleum Products	**39**	**1,970**	**876**	**—**	**2,867**	**243**	**—**	**—**	**70**	**5,439**
Finished Motor Gasoline	39	1,040	373	—	1,638	35	—	—	11	3,043
Reformulated	—	653	195	—	340	103	—	—	0	1,084
Oxygenated	75	0	0	—	0	(s)	—	—	(s)	76
Other	-37	387	178	—	1,298	-68	—	—	11	1,883
Finished Aviation Gasoline	—	0	0	—	3	(s)	—	—	0	2
Jet Fuel	—	86	23	—	429	12	—	—	10	516
Naphtha-Type	—	0	0	—	0	0	—	—	0	0
Kerosene-Type	—	86	23	—	429	12	—	—	10	516
Kerosene	—	12	1	—	4	42	—	—	(s)	-24
Distillate Fuel Oil	—	476	218	—	739	177	—	—	23	1,233
0.05 percent sulfur and under	—	253	58	—	474	30	—	—	13	743
Greater than 0.05 percent sulfur	—	223	160	—	265	147	—	—	10	490
Residual Fuel Oil	—	109	210	—	10	8	—	—	8	312
Petrochemical Feedstocks[e]	—	16	3	—	(s)	8	—	—	0	11
Special Naphthas	—	2	12	—	1	(s)	—	—	(s)	15
Lubricants	—	14	3	—	25	9	—	—	4	30
Waxes	—	1	1	—	0	(s)	—	—	1	1
Petroleum Coke	—	50	0	—	0	-3	—	—	13	40
Asphalt and Road Oil	—	105	31	—	20	-45	—	—	(s)	201
Still Gas	—	59	0	—	0	0	—	—	0	59
Miscellaneous Products	—	1	0	—	0	(s)	—	—	(s)	1
Total	**111**	**1,998**	**2,564**	**32**	**2,993**	**167**	**0**	**1,878**	**76**	**5,576**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.

[c] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.

[d] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.

[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

(s) = Less than 500 barrels per day.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 I—Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	[E] **21**	**—**	**1,451**	**46**	**3**	**4**	**0**	**1,512**	**5**	**0**
Natural Gas Liquids and LRGs	**26**	**50**	**38**	**—**	**104**	**7**	**—**	**4**	**2**	**205**
Pentanes Plus	3	—	0	—	0	(s)	—	0	(s)	3
Liquefied Petroleum Gases	23	50	38	—	104	6	—	4	2	202
Ethane/Ethylene	8	0	0	—	0	0	—	0	0	8
Propane/Propylene	10	48	33	—	102	3	—	0	1	189
Normal Butane/Butylene	4	7	4	—	2	3	—	1	1	12
Isobutane/Isobutylene	1	-5	(s)	—	(s)	(s)	—	3	0	-7
Other Liquids	**10**	**—**	**298**	**—**	**5**	**2**	**—**	**376**	**6**	**-70**
Other Hydrocarbons/Oxygenates	60	—	17	—	0	2	—	70	4	0
Unfinished Oils	—	—	31	—	-1	2	—	102	0	-73
Motor Gasoline Blend. Comp.	-50	—	250	—	6	-3	—	207	2	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	-3	0	3
Finished Petroleum Products	**56**	**1,933**	**1,167**	**—**	**2,759**	**66**	**—**	**—**	**46**	**5,803**
Finished Motor Gasoline	56	1,018	417	—	1,562	(s)	—	—	8	3,045
Reformulated	—	627	206	—	325	(s)	—	—	2	1,157
Oxygenated	65	2	(s)	—	0	(s)	—	—	(s)	68
Other	-9	388	211	—	1,237	(s)	—	—	6	1,820
Finished Aviation Gasoline	—	(s)	(s)	—	2	(s)	—	—	0	2
Jet Fuel	—	87	76	—	443	5	—	—	3	598
Naphtha-Type	—	0	0	—	0	0	—	—	(s)	(s)
Kerosene-Type	—	87	76	—	443	5	—	—	2	598
Kerosene	—	13	5	—	2	5	—	—	(s)	15
Distillate Fuel Oil	—	463	328	—	687	52	—	—	9	1,416
0.05 percent sulfur and under	—	233	113	—	424	7	—	—	3	760
Greater than 0.05 percent sulfur	—	230	215	—	263	45	—	—	7	656
Residual Fuel Oil	—	108	297	—	26	7	—	—	6	419
Petrochemical Feedstocks[e]	—	12	5	—	-2	(s)	—	—	0	15
Special Naphthas	—	2	6	—	1	(s)	—	—	1	8
Lubricants	—	15	7	—	23	-1	—	—	4	41
Waxes	—	(s)	1	—	0	(s)	—	—	1	1
Petroleum Coke	—	52	0	—	0	(s)	—	—	12	40
Asphalt and Road Oil	—	100	26	—	13	-4	—	—	1	141
Still Gas	—	61	0	—	0	0	—	—	0	61
Miscellaneous Products	—	2	0	—	0	(s)	—	—	(s)	2
Total	**113**	**1,983**	**2,953**	**46**	**2,871**	**78**	**0**	**1,891**	**59**	**5,937**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[c] A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.
[d] Products supplied is equal to field production, plus refinery production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 II—Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E 14,563	—	24,478	5,681	54,909	2,241	0	97,140	250	0	67,775
Natural Gas Liquids and LRGs	10,273	2,246	3,915	—	712	-2,808	—	3,859	264	15,831	43,296
Pentanes Plus	1,392	—	41	—	410	-400	—	1,328	21	894	2,129
Liquefied Petroleum Gases	8,881	2,246	3,874	—	302	-2,408	—	2,531	244	14,936	41,167
Ethane/Ethylene	3,918	0	13	—	-1,856	-99	—	0	0	2,174	3,628
Propane/Propylene	3,299	3,246	3,430	—	1,793	-823	—	0	90	12,501	24,935
Normal Butane/Butylene	936	-742	429	—	86	-1,198	—	1,511	153	243	10,907
Isobutane/Isobutylene	728	-258	2	—	279	-288	—	1,020	0	19	1,697
Other Liquids	-3,618	—	0	—	3,225	1,204	—	-650	16	-963	29,299
Other Hydrocarbons/Oxygenates	800	—	0	—	0	-275	—	1,059	16	0	2,391
Unfinished Oils	—	—	0	—	-57	2,158	—	-1,252	0	-963	15,072
Motor Gasoline Blend. Comp.	-4,418	—	0	—	3,282	-677	—	-459	0	0	11,809
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-2	—	2	0	0	27
Finished Petroleum Products	6,522	103,587	477	—	28,651	-5,123	—	—	381	143,979	87,341
Finished Motor Gasoline	6,522	54,353	34	—	16,197	218	—	—	3	76,885	40,020
Reformulated	—	8,928	0	—	1,561	-87	—	—	(s)	10,576	1,895
Oxygenated	21,038	1,185	0	—	0	-11	—	—	0	22,234	229
Other	-14,517	44,240	34	—	14,636	316	—	—	3	44,075	37,896
Finished Aviation Gasoline	—	114	0	—	61	-3	—	—	0	178	297
Jet Fuel	—	6,343	0	—	3,001	-731	—	—	0	10,075	6,413
Naphtha-Type	—	0	0	—	0	-40	—	—	0	40	0
Kerosene-Type	—	6,343	0	—	3,001	-691	—	—	0	10,035	6,413
Kerosene	—	886	0	—	6	419	—	—	0	473	1,188
Distillate Fuel Oil	—	25,132	211	—	9,106	-3,321	—	—	4	37,766	25,683
0.05 percent sulfur and under	—	19,662	128	—	8,036	-2,202	—	—	(s)	30,028	18,628
Greater than 0.05 percent sulfur	—	5,470	83	—	1,070	-1,119	—	—	4	7,738	7,055
Residual Fuel Oil	—	1,488	42	—	-362	-145	—	—	(s)	1,313	1,722
Petrochemical Feedstocks[e]	—	525	42	—	-47	30	—	—	0	490	313
Special Naphthas	—	582	59	—	55	14	—	—	10	672	361
Lubricants	—	476	38	—	421	258	—	—	90	587	1,784
Waxes	—	128	10	—	0	3	—	—	15	120	92
Petroleum Coke	—	3,978	0	—	0	-235	—	—	134	4,079	1,699
Asphalt and Road Oil	—	5,588	40	—	213	-1,633	—	—	125	7,349	7,569
Still Gas	—	3,665	0	—	0	0	—	—	0	3,665	0
Miscellaneous Products	—	329	1	—	0	3	—	—	(s)	327	200
Total	27,740	105,833	28,870	5,681	87,497	-4,486	0	100,349	911	158,847	227,711

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 II—Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	[E] **141,335**	**—**	**275,549**	**-2,885**	**620,350**	**10,241**	**0**	**1,018,015**	**6,094**	**0**	**67,775**
Natural Gas Liquids and LRGs	**92,460**	**40,390**	**26,848**	**—**	**4,199**	**13,784**	**—**	**27,481**	**2,627**	**120,005**	**43,296**
Pentanes Plus	12,610	—	466	—	4,593	827	—	11,501	267	5,074	2,129
Liquefied Petroleum Gases	79,850	40,390	26,382	—	-394	12,957	—	15,980	2,360	114,931	41,167
Ethane/Ethylene	33,714	0	198	—	-17,962	-18	—	0	0	15,968	3,628
Propane/Propylene	30,779	34,613	23,472	—	12,528	8,477	—	0	876	92,039	24,935
Normal Butane/Butylene	8,608	6,100	2,483	—	1,086	4,647	—	6,857	1,484	5,289	10,907
Isobutane/Isobutylene	6,749	-323	229	—	3,954	-149	—	9,123	0	1,635	1,697
Other Liquids	**-35,172**	**—**	**715**	**—**	**24,558**	**4,155**	**—**	**-9,674**	**471**	**-4,851**	**29,299**
Other Hydrocarbons/Oxygenates	12,341	—	30	—	0	708	—	11,481	182	0	2,391
Unfinished Oils	—	—	336	—	602	2,174	—	3,616	0	-4,852	15,072
Motor Gasoline Blend. Comp.	-47,513	—	349	—	23,956	1,284	—	-24,781	289	0	11,809
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-11	—	10	0	1	27
Finished Petroleum Products	**62,742**	**1,049,274**	**4,589**	**—**	**263,121**	**-4,903**	**—**	**—**	**3,792**	**1,380,837**	**87,341**
Finished Motor Gasoline	62,742	533,667	718	—	149,955	4,810	—	—	94	742,179	40,020
Reformulated	—	81,971	0	—	19,651	959	—	—	5	100,658	1,895
Oxygenated	152,299	10,906	0	—	-100	-70	—	—	(s)	163,175	229
Other	-89,556	440,790	718	—	130,404	3,921	—	—	89	478,346	37,896
Finished Aviation Gasoline	—	1,332	29	—	589	-135	—	—	0	2,085	297
Jet Fuel	—	68,013	0	—	34,208	-1,702	—	—	415	103,508	6,413
Naphtha-Type	—	0	0	—	0	0	—	—	14	-14	0
Kerosene-Type	—	68,013	0	—	34,208	-1,702	—	—	402	103,521	6,413
Kerosene	—	3,538	0	—	-57	207	—	—	1	3,273	1,188
Distillate Fuel Oil	—	263,642	1,304	—	72,816	-3,924	—	—	523	341,163	25,683
0.05 percent sulfur and under	—	201,269	987	—	59,379	-3,361	—	—	394	264,602	18,628
Greater than 0.05 percent sulfur	—	62,373	317	—	13,437	-563	—	—	129	76,561	7,055
Residual Fuel Oil	—	20,688	940	—	-2,461	-181	—	—	303	19,045	1,722
Petrochemical Feedstocks [e]	—	5,826	408	—	582	-76	—	—	0	6,892	313
Special Naphthas	—	5,956	379	—	845	-86	—	—	128	7,138	361
Lubricants	—	4,676	438	—	3,680	208	—	—	753	7,833	1,784
Waxes	—	1,103	73	—	0	0	—	—	159	1,017	92
Petroleum Coke	—	43,530	0	—	0	-373	—	—	809	43,094	1,699
Asphalt and Road Oil	—	52,509	292	—	2,964	-3,645	—	—	606	58,804	7,569
Still Gas	—	41,384	0	—	0	0	—	—	0	41,384	0
Miscellaneous Products	—	3,410	8	—	0	-6	—	—	1	3,423	200
Total	**261,366**	**1,089,664**	**307,701**	**-2,885**	**912,228**	**23,277**	**0**	**1,035,822**	**12,984**	**1,495,992**	**227,711**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.

[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.

[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

(s) = Less than 500 barrels.

E = Estimated.

LRG = Liquefied Refinery Gas.

— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 II—Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E 470	—	790	183	1,771	72	0	3,134	8	0
Natural Gas Liquids and LRGs	331	72	126	—	23	-91	—	124	9	511
Pentanes Plus	45	—	1	—	13	-13	—	43	1	29
Liquefied Petroleum Gases	286	72	125	—	10	-78	—	82	8	482
Ethane/Ethylene	126	0	(s)	—	-60	-3	—	0	0	70
Propane/Propylene	106	105	111	—	58	-27	—	0	3	403
Normal Butane/Butylene	30	-24	14	—	3	-39	—	49	5	8
Isobutane/Isobutylene	23	-8	(s)	—	9	-9	—	33	0	1
Other Liquids	-117	—	0	—	104	39	—	-21	1	-31
Other Hydrocarbons/Oxygenates	26	—	0	—	0	-9	—	34	1	0
Unfinished Oils	—	—	0	—	-2	70	—	-40	0	-31
Motor Gasoline Blend. Comp.	-143	—	0	—	106	-22	—	-15	0	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	(s)	0	0
Finished Petroleum Products	210	3,342	15	—	924	-165	—	—	12	4,644
Finished Motor Gasoline	210	1,753	1	—	522	7	—	—	(s)	2,480
Reformulated	—	288	0	—	50	-3	—	—	(s)	341
Oxygenated	679	38	0	—	0	(s)	—	—	0	717
Other	-468	1,427	1	—	472	10	—	—	(s)	1,422
Finished Aviation Gasoline	—	4	0	—	2	(s)	—	—	0	6
Jet Fuel	—	205	0	—	97	-24	—	—	0	325
Naphtha-Type	—	0	0	—	0	-1	—	—	0	1
Kerosene-Type	—	205	0	—	97	-22	—	—	0	324
Kerosene	—	29	0	—	(s)	14	—	—	0	15
Distillate Fuel Oil	—	811	7	—	294	-107	—	—	(s)	1,218
0.05 percent sulfur and under	—	634	4	—	259	-71	—	—	(s)	969
Greater than 0.05 percent sulfur	—	176	3	—	35	-36	—	—	(s)	250
Residual Fuel Oil	—	48	1	—	-12	-5	—	—	(s)	42
Petrochemical Feedstocks[e]	—	17	1	—	-2	1	—	—	0	16
Special Naphthas	—	19	2	—	2	(s)	—	—	(s)	22
Lubricants	—	15	1	—	14	8	—	—	3	19
Waxes	—	4	(s)	—	0	(s)	—	—	(s)	4
Petroleum Coke	—	128	0	—	0	-8	—	—	4	132
Asphalt and Road Oil	—	180	1	—	7	-53	—	—	4	237
Still Gas	—	118	0	—	0	0	—	—	0	118
Miscellaneous Products	—	11	(s)	—	0	(s)	—	—	(s)	11
Total	895	3,414	931	183	2,822	-145	0	3,237	29	5,124

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 II—Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E 465	—	906	-9	2,041	34	0	3,349	20	0
Natural Gas Liquids and LRGs	304	133	88	—	14	45	—	90	9	395
Pentanes Plus	41	—	2	—	15	3	—	38	1	17
Liquefied Petroleum Gases	263	133	87	—	-1	43	—	53	8	378
Ethane/Ethylene	111	0	1	—	-59	(s)	—	0	0	53
Propane/Propylene	101	114	77	—	41	28	—	0	3	303
Normal Butane/Butylene	28	20	8	—	4	15	—	23	5	17
Isobutane/Isobutylene	22	-1	1	—	13	(s)	—	30	0	5
Other Liquids	-116	—	2	—	81	14	—	-32	2	-16
Other Hydrocarbons/Oxygenates	41	—	(s)	—	0	2	—	38	1	0
Unfinished Oils	—	—	1	—	2	7	—	12	0	-16
Motor Gasoline Blend. Comp.	-156	—	1	—	79	4	—	-82	1	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	(s)	0	(s)
Finished Petroleum Products	206	3,452	15	—	866	-16	—	—	12	4,542
Finished Motor Gasoline	206	1,755	2	—	493	16	—	—	(s)	2,441
Reformulated	—	270	0	—	65	3	—	—	(s)	331
Oxygenated	501	36	0	—	(s)	(s)	—	—	(s)	537
Other	-295	1,450	2	—	429	13	—	—	(s)	1,574
Finished Aviation Gasoline	—	4	(s)	—	2	(s)	—	—	0	7
Jet Fuel	—	224	0	—	113	-6	—	—	1	340
Naphtha-Type	—	0	0	—	0	0	—	—	(s)	(s)
Kerosene-Type	—	224	0	—	113	-6	—	—	1	341
Kerosene	—	12	0	—	(s)	1	—	—	(s)	11
Distillate Fuel Oil	—	867	4	—	240	-13	—	—	2	1,122
0.05 percent sulfur and under	—	662	3	—	195	-11	—	—	1	870
Greater than 0.05 percent sulfur	—	205	1	—	44	-2	—	—	(s)	252
Residual Fuel Oil	—	68	3	—	-8	-1	—	—	1	63
Petrochemical Feedstocks[e]	—	19	1	—	2	(s)	—	—	0	23
Special Naphthas	—	20	1	—	3	(s)	—	—	(s)	23
Lubricants	—	15	1	—	12	1	—	—	2	26
Waxes	—	4	(s)	—	0	0	—	—	1	3
Petroleum Coke	—	143	0	—	0	-1	—	—	3	142
Asphalt and Road Oil	—	173	1	—	10	-12	—	—	2	193
Still Gas	—	136	0	—	0	0	—	—	0	136
Miscellaneous Products	—	11	(s)	—	0	(s)	—	—	(s)	11
Total	860	3,584	1,012	-9	3,001	77	0	3,407	43	4,921

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 III—Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					Ending Stocks
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	
Crude Oil	E 103,447	—	182,163	2,109	-52,096	8,927	0	226,696	0	0	711,744
Natural Gas Liquids and LRGs	42,659	10,990	1,176	—	1,139	1,363	—	6,035	618	47,948	85,844
Pentanes Plus	6,324	—	1,026	—	92	-1,498	—	2,801	1	6,138	4,579
Liquefied Petroleum Gases	36,335	10,990	150	—	1,047	2,861	—	3,234	618	41,809	81,265
Ethane/Ethylene	17,289	838	120	—	4,722	2,312	—	0	0	20,657	20,334
Propane/Propylene	11,974	10,629	30	—	-3,972	1,529	—	0	521	16,611	34,169
Normal Butane/Butylene	2,188	-369	0	—	307	-807	—	1,524	97	1,312	21,974
Isobutane/Isobutylene	4,884	-108	0	—	-10	-173	—	1,710	0	3,229	4,788
Other Liquids	4,407	—	4,932	—	-4,888	-3,492	—	9,945	640	-2,642	66,245
Other Hydrocarbons/Oxygenates	4,333	—	0	—	0	0	—	3,791	542	0	5,503
Unfinished Oils	—	—	4,650	—	51	-2,935	—	10,277	0	-2,641	44,556
Motor Gasoline Blend. Comp.	75	—	282	—	-4,939	-539	—	-4,142	99	0	16,169
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-18	—	19	0	-1	17
Finished Petroleum Products	101	247,108	10,682	—	-121,833	-2,722	—	—	18,284	120,496	124,982
Finished Motor Gasoline	101	113,972	0	—	-69,201	350	—	—	4,146	40,376	45,679
Reformulated	—	22,014	0	—	-12,111	-325	—	—	163	10,065	10,957
Oxygenated	1,753	115	0	—	0	1	—	—	0	1,867	1
Other	-1,652	91,843	0	—	-57,090	674	—	—	3,983	28,444	34,721
Finished Aviation Gasoline	—	390	0	—	-151	134	—	—	0	105	657
Jet Fuel	—	23,765	0	—	-17,641	-771	—	—	543	6,352	12,944
Naphtha-Type	—	1	0	—	0	1	—	—	0	0	1
Kerosene-Type	—	23,764	0	—	-17,641	-772	—	—	543	6,352	12,943
Kerosene	—	986	0	—	-98	-90	—	—	231	747	917
Distillate Fuel Oil	—	57,025	944	—	-32,744	-603	—	—	2,489	23,339	31,408
0.05 percent sulfur and under	—	38,947	944	—	-23,442	-1,281	—	—	623	17,107	19,873
Greater than 0.05 percent sulfur	—	18,078	0	—	-9,302	678	—	—	1,866	6,232	11,535
Residual Fuel Oil	—	10,301	1,383	—	67	-101	—	—	2,648	9,204	14,179
Petrochemical Feedstocks[e]	—	9,008	8,268	—	62	65	—	—	0	17,273	3,258
Special Naphthas	—	768	71	—	-95	-13	—	—	98	659	1,384
Lubricants	—	3,915	0	—	-1,207	114	—	—	685	1,909	6,429
Waxes	—	295	5	—	0	-115	—	—	65	350	393
Petroleum Coke	—	12,581	0	—	0	-894	—	—	7,365	6,110	3,837
Asphalt and Road Oil	—	3,616	0	—	-825	-581	—	—	14	3,358	3,320
Still Gas	—	9,214	0	—	0	0	—	—	0	9,214	0
Miscellaneous Products	—	1,272	11	—	0	-217	—	—	1	1,499	577
Total	150,614	258,098	198,953	2,109	-177,678	4,076	0	242,676	19,543	165,801	988,815

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 III—Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E 997,655	—	1,783,149	49,491	-591,843	25,554	0	2,212,894	4	0	711,744
Natural Gas Liquids and LRGs	373,761	134,609	26,838	—	15,523	37,777	—	51,563	8,570	452,821	85,844
Pentanes Plus	57,385	—	9,586	—	427	1,056	—	17,510	1	48,831	4,579
Liquefied Petroleum Gases	316,376	134,609	17,252	—	15,096	36,721	—	34,053	8,569	403,990	81,265
Ethane/Ethylene	145,445	5,917	1,200	—	43,105	7,630	—	0	0	188,037	20,334
Propane/Propylene	105,503	101,110	3,503	—	-30,312	15,159	—	0	6,493	158,152	34,169
Normal Butane/Butylene	20,297	26,101	8,068	—	3,026	12,474	—	13,825	2,076	29,117	21,974
Isobutane/Isobutylene	45,131	1,481	4,481	—	-723	1,458	—	20,228	0	28,684	4,788
Other Liquids	35,957	—	64,579	—	-31,967	3,677	—	96,720	8,441	-40,269	66,245
Other Hydrocarbons/Oxygenates	42,275	—	173	—	0	117	—	36,199	6,132	0	5,503
Unfinished Oils	—	—	54,432	—	-241	1,492	—	92,965	0	-40,266	44,556
Motor Gasoline Blend. Comp.	-6,318	—	9,974	—	-31,726	2,075	—	-32,454	2,309	0	16,169
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-7	—	10	0	-3	17
Finished Petroleum Products	7,564	2,373,123	110,479	—	-1,155,130	-181	—	—	173,648	1,162,569	124,982
Finished Motor Gasoline	7,564	1,086,600	1,609	—	-655,078	3,279	—	—	31,571	405,845	45,679
Reformulated	—	204,603	240	—	-118,496	2,393	—	—	391	83,563	10,957
Oxygenated	12,460	951	0	—	-7,043	-58	—	—	1	6,426	1
Other	-4,896	881,046	1,369	—	-529,539	944	—	—	31,179	315,856	34,721
Finished Aviation Gasoline	—	3,392	0	—	-1,361	352	—	—	0	1,679	657
Jet Fuel	—	242,301	211	—	-184,075	-1,592	—	—	3,633	56,396	12,944
Naphtha-Type	—	8	0	—	0	-70	—	—	1	77	1
Kerosene-Type	—	242,293	211	—	-184,075	-1,522	—	—	3,632	56,319	12,943
Kerosene	—	12,987	0	—	-525	271	—	—	573	11,618	917
Distillate Fuel Oil	—	515,151	8,595	—	-289,747	123	—	—	21,784	212,092	31,408
0.05 percent sulfur and under	—	355,653	1,433	—	-195,848	13	—	—	4,963	156,262	19,873
Greater than 0.05 percent sulfur	—	159,498	7,162	—	-93,899	110	—	—	16,821	55,830	11,535
Residual Fuel Oil	—	111,269	27,486	—	-5,520	-132	—	—	39,127	94,240	14,179
Petrochemical Feedstocks[e]	—	86,379	70,826	—	-15	-100	—	—	0	157,290	3,258
Special Naphthas	—	9,786	1,101	—	-1,262	-165	—	—	1,069	8,721	1,384
Lubricants	—	36,665	78	—	-10,783	-315	—	—	4,991	21,284	6,429
Waxes	—	3,320	68	—	0	-115	—	—	441	3,062	393
Petroleum Coke	—	121,398	0	—	0	-491	—	—	70,153	51,736	3,837
Asphalt and Road Oil	—	38,350	395	—	-6,764	-1,461	—	—	298	33,144	3,320
Still Gas	—	94,278	0	—	0	0	—	—	0	94,278	0
Miscellaneous Products	—	11,247	110	—	0	165	—	—	7	11,185	577
Total	1,414,937	2,507,732	1,985,045	49,491	-1,763,417	66,827	0	2,361,177	190,663	1,575,121	988,815

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 III—Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E 3,337	—	5,876	68	-1,681	288	0	7,313	0	0
Natural Gas Liquids and LRGs	1,376	355	38	—	37	44	—	195	20	1,547
Pentanes Plus	204	—	33	—	3	-48	—	90	(s)	198
Liquefied Petroleum Gases	1,172	355	5	—	34	92	—	104	20	1,349
Ethane/Ethylene	558	27	4	—	152	75	—	0	0	666
Propane/Propylene	386	343	1	—	-128	49	—	0	17	536
Normal Butane/Butylene	71	-12	0	—	10	-26	—	49	3	42
Isobutane/Isobutylene	158	-3	0	—	(s)	-6	—	55	0	104
Other Liquids	142	—	159	—	-158	-113	—	321	21	-85
Other Hydrocarbons/Oxygenates	140	—	0	—	0	0	—	122	17	0
Unfinished Oils	—	—	150	—	2	-95	—	332	0	-85
Motor Gasoline Blend. Comp.	2	—	9	—	-159	-17	—	-134	3	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-1	—	1	0	(s)
Finished Petroleum Products	3	7,971	345	—	-3,930	-88	—	—	590	3,887
Finished Motor Gasoline	3	3,677	0	—	-2,232	11	—	—	134	1,302
Reformulated	—	710	0	—	-391	-10	—	—	5	325
Oxygenated	57	4	0	—	0	(s)	—	—	0	60
Other	-53	2,963	0	—	-1,842	22	—	—	128	918
Finished Aviation Gasoline	—	13	0	—	-5	4	—	—	0	3
Jet Fuel	—	767	0	—	-569	-25	—	—	18	205
Naphtha-Type	—	(s)	0	—	0	(s)	—	—	0	0
Kerosene-Type	—	767	0	—	-569	-25	—	—	18	205
Kerosene	—	32	0	—	-3	-3	—	—	7	24
Distillate Fuel Oil	—	1,840	30	—	-1,056	-19	—	—	80	753
0.05 percent sulfur and under	—	1,256	30	—	-756	-41	—	—	20	552
Greater than 0.05 percent sulfur	—	583	0	—	-300	22	—	—	60	201
Residual Fuel Oil	—	332	45	—	2	-3	—	—	85	297
Petrochemical Feedstocks[e]	—	291	267	—	2	2	—	—	0	557
Special Naphthas	—	25	2	—	-3	(s)	—	—	3	21
Lubricants	—	126	0	—	-39	4	—	—	22	62
Waxes	—	10	(s)	—	0	-4	—	—	2	11
Petroleum Coke	—	406	0	—	0	-29	—	—	238	197
Asphalt and Road Oil	—	117	0	—	-27	-19	—	—	(s)	108
Still Gas	—	297	0	—	0	0	—	—	0	297
Miscellaneous Products	—	41	(s)	—	0	-7	—	—	(s)	48
Total	4,859	8,326	6,418	68	-5,732	131	0	7,828	630	5,348

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 III—Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E **3,282**	**—**	**5,866**	**163**	**-1,947**	**84**	**0**	**7,279**	**(s)**	**0**
Natural Gas Liquids and LRGs	**1,229**	**443**	**88**	**—**	**51**	**124**	**—**	**170**	**28**	**1,490**
Pentanes Plus	189	—	32	—	1	3	—	58	(s)	161
Liquefied Petroleum Gases	1,041	443	57	—	50	121	—	112	28	1,329
Ethane/Ethylene	478	19	4	—	142	25	—	0	0	619
Propane/Propylene	347	333	12	—	-100	50	—	0	21	520
Normal Butane/Butylene	67	86	27	—	10	41	—	45	7	96
Isobutane/Isobutylene	148	5	15	—	-2	5	—	67	0	94
Other Liquids	**118**	**—**	**212**	**—**	**-105**	**12**	**—**	**318**	**28**	**-132**
Other Hydrocarbons/Oxygenates	139	—	1	—	0	(s)	—	119	20	0
Unfinished Oils	—	—	179	—	-1	5	—	306	0	-132
Motor Gasoline Blend. Comp.	-21	—	33	—	-104	7	—	-107	8	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	(s)	0	(s)
Finished Petroleum Products	**25**	**7,806**	**363**	**—**	**-3,800**	**-1**	**—**	**—**	**571**	**3,824**
Finished Motor Gasoline	25	3,574	5	—	-2,155	11	—	—	104	1,335
Reformulated	—	673	1	—	-390	8	—	—	1	275
Oxygenated	41	3	0	—	-23	(s)	—	—	(s)	21
Other	-16	2,898	5	—	-1,742	3	—	—	103	1,039
Finished Aviation Gasoline	—	11	0	—	-4	1	—	—	0	6
Jet Fuel	—	797	1	—	-606	-5	—	—	12	186
Naphtha-Type	—	(s)	0	—	0	(s)	—	—	(s)	(s)
Kerosene-Type	—	797	1	—	-606	-5	—	—	12	185
Kerosene	—	43	0	—	-2	1	—	—	2	38
Distillate Fuel Oil	—	1,695	28	—	-953	(s)	—	—	72	698
0.05 percent sulfur and under	—	1,170	5	—	-644	(s)	—	—	16	514
Greater than 0.05 percent sulfur	—	525	24	—	-309	(s)	—	—	55	184
Residual Fuel Oil	—	366	90	—	-18	(s)	—	—	129	310
Petrochemical Feedstocks[e]	—	284	233	—	(s)	(s)	—	—	0	517
Special Naphthas	—	32	4	—	-4	-1	—	—	4	29
Lubricants	—	121	(s)	—	-35	-1	—	—	16	70
Waxes	—	11	(s)	—	0	(s)	—	—	1	10
Petroleum Coke	—	399	0	—	0	-2	—	—	231	170
Asphalt and Road Oil	—	126	1	—	-22	-5	—	—	1	109
Still Gas	—	310	0	—	0	0	—	—	0	310
Miscellaneous Products	—	37	(s)	—	0	1	—	—	(s)	37
Total	**4,654**	**8,249**	**6,530**	**163**	**-5,801**	**220**	**0**	**7,767**	**627**	**5,181**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 IV—Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E 8,765	—	9,163	1,318	-2,918	813	0	15,515	0	0	13,672
Natural Gas Liquids and LRGs	6,611	123	399	—	-5,508	-50	—	627	76	972	1,984
Pentanes Plus	941	—	103	—	-502	-8	—	182	1	367	220
Liquefied Petroleum Gases	5,670	123	296	—	-5,006	-42	—	445	75	605	1,764
Ethane/Ethylene	2,781	0	0	—	-2,866	5	—	0	0	-90	448
Propane/Propylene	1,827	261	175	—	-1,397	27	—	0	7	832	727
Normal Butane/Butylene	742	-126	121	—	-452	-56	—	288	68	-15	415
Isobutane/Isobutylene	320	-12	0	—	-291	-18	—	157	0	-122	174
Other Liquids	432	—	0	—	6	789	—	-212	6	-145	5,001
Other Hydrocarbons/Oxygenates	127	—	0	—	0	-27	—	148	6	0	152
Unfinished Oils	—	—	0	—	0	635	—	-490	0	-145	3,102
Motor Gasoline Blend. Comp.	305	—	0	—	6	181	—	130	0	0	1,747
Aviation Gasoline Blend. Comp.	—	—	0	—	0	0	—	0	0	0	0
Finished Petroleum Products	-188	16,323	279	—	1,963	-773	—	—	14	19,136	9,538
Finished Motor Gasoline	-188	8,158	11	—	478	-60	—	—	0	8,519	4,641
Reformulated	—	0	0	—	0	0	—	—	0	0	0
Oxygenated	1,169	873	0	—	0	38	—	—	0	2,004	79
Other	-1,357	7,285	11	—	478	-98	—	—	0	6,515	4,562
Finished Aviation Gasoline	—	4	18	—	11	-5	—	—	0	38	33
Jet Fuel	—	795	4	—	1,113	-30	—	—	0	1,942	784
Naphtha-Type	—	0	0	—	0	0	—	—	0	0	0
Kerosene-Type	—	795	4	—	1,113	-30	—	—	0	1,942	784
Kerosene	—	57	0	—	-19	-19	—	—	0	57	76
Distillate Fuel Oil	—	4,456	231	—	380	-158	—	—	0	5,225	2,623
0.05 percent sulfur and under	—	3,577	222	—	380	-251	—	—	0	4,430	2,190
Greater than 0.05 percent sulfur	—	879	9	—	0	93	—	—	0	795	433
Residual Fuel Oil	—	350	0	—	0	50	—	—	0	300	471
Petrochemical Feedstocks[e]	—	26	0	—	0	0	—	—	0	26	0
Special Naphthas	—	0	0	—	0	0	—	—	(s)	(s)	5
Lubricants	—	0	0	—	0	0	—	—	13	-13	0
Waxes	—	91	0	—	0	-1	—	—	0	92	9
Petroleum Coke	—	456	0	—	0	-35	—	—	(s)	491	42
Asphalt and Road Oil	—	1,261	15	—	0	-512	—	—	1	1,787	833
Still Gas	—	609	0	—	0	0	—	—	0	609	0
Miscellaneous Products	—	60	0	—	0	-3	—	—	0	63	21
Total	15,620	16,446	9,841	1,318	-6,457	779	0	15,930	96	19,963	30,195

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 IV—Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E 88,063	—	74,133	19,420	-29,381	515	0	151,700	20	0	13,672
Natural Gas Liquids and LRGs	64,710	2,070	3,823	—	-51,334	211	—	5,034	299	13,725	1,984
Pentanes Plus	9,177	—	1,097	—	-5,020	-61	—	2,001	92	3,222	220
Liquefied Petroleum Gases	55,533	2,070	2,726	—	-46,314	272	—	3,033	207	10,503	1,764
Ethane/Ethylene	26,454	0	0	—	-25,143	-7	—	0	0	1,318	448
Propane/Propylene	18,415	2,416	1,867	—	-13,198	230	—	0	62	9,208	727
Normal Butane/Butylene	7,267	35	819	—	-4,774	60	—	1,709	144	1,434	415
Isobutane/Isobutylene	3,397	-381	40	—	-3,199	-11	—	1,324	0	-1,456	174
Other Liquids	3,632	—	0	—	22	864	—	3,892	13	-1,115	5,001
Other Hydrocarbons/Oxygenates	1,120	—	0	—	0	-4	—	1,111	13	0	152
Unfinished Oils	—	—	0	—	0	880	—	235	0	-1,115	3,102
Motor Gasoline Blend. Comp.	2,512	—	0	—	22	-12	—	2,546	0	0	1,747
Aviation Gasoline Blend. Comp.	—	—	0	—	0	0	—	0	0	0	0
Finished Petroleum Products	-1,561	164,088	2,178	—	21,223	-2,078	—	—	176	187,830	9,538
Finished Motor Gasoline	-1,561	80,761	94	—	4,788	224	—	—	1	83,857	4,641
Reformulated	—	0	0	—	0	0	—	—	0	0	0
Oxygenated	9,509	5,175	0	—	100	6	—	—	0	14,778	79
Other	-11,070	75,586	94	—	4,688	218	—	—	1	69,079	4,562
Finished Aviation Gasoline	—	148	121	—	89	-5	—	—	0	363	33
Jet Fuel	—	8,203	8	—	12,830	-69	—	—	(s)	21,110	784
Naphtha-Type	—	0	0	—	0	0	—	—	0	0	0
Kerosene-Type	—	8,203	8	—	12,830	-69	—	—	(s)	21,110	784
Kerosene	—	364	0	—	-72	-15	—	—	1	306	76
Distillate Fuel Oil	—	45,181	1,745	—	3,588	-670	—	—	0	51,184	2,623
0.05 percent sulfur and under	—	37,178	1,673	—	3,588	-627	—	—	0	43,066	2,190
Greater than 0.05 percent sulfur	—	8,003	72	—	0	-43	—	—	0	8,118	433
Residual Fuel Oil	—	3,320	0	—	0	100	—	—	0	3,220	471
Petrochemical Feedstocks[e]	—	234	0	—	0	0	—	—	0	234	0
Special Naphthas	—	-6	0	—	0	-1	—	—	8	-13	5
Lubricants	—	0	0	—	0	0	—	—	142	-142	0
Waxes	—	905	0	—	0	3	—	—	(s)	902	9
Petroleum Coke	—	4,970	0	—	0	-48	—	—	10	5,008	42
Asphalt and Road Oil	—	13,240	189	—	0	-1,596	—	—	14	15,011	833
Still Gas	—	6,157	0	—	0	0	—	—	0	6,157	0
Miscellaneous Products	—	611	21	—	0	-1	—	—	(s)	633	21
Total	154,844	166,158	80,134	19,420	-59,470	-488	0	160,626	507	200,440	30,195

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 IV—Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E 283	—	296	43	-94	26	0	500	0	0
Natural Gas Liquids and LRGs	213	4	13	—	-178	-2	—	20	2	31
Pentanes Plus	30	—	3	—	-16	(s)	—	6	(s)	12
Liquefied Petroleum Gases	183	4	10	—	-161	-1	—	14	2	20
Ethane/Ethylene	90	0	0	—	-92	(s)	—	0	0	-3
Propane/Propylene	59	8	6	—	-45	1	—	0	(s)	27
Normal Butane/Butylene	24	-4	4	—	-15	-2	—	9	2	(s)
Isobutane/Isobutylene	10	(s)	0	—	-9	-1	—	5	0	-4
Other Liquids	14	—	0	—	(s)	25	—	-7	(s)	-5
Other Hydrocarbons/Oxygenates	4	—	0	—	0	-1	—	5	(s)	0
Unfinished Oils	—	—	0	—	0	20	—	-16	0	-5
Motor Gasoline Blend. Comp.	10	—	0	—	(s)	6	—	4	0	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	0	—	0	0	0
Finished Petroleum Products	-6	527	9	—	63	-25	—	—	(s)	617
Finished Motor Gasoline	-6	263	(s)	—	15	-2	—	—	0	275
Reformulated	—	0	0	—	0	0	—	—	0	0
Oxygenated	38	28	0	—	0	1	—	—	0	65
Other	-44	235	(s)	—	15	-3	—	—	0	210
Finished Aviation Gasoline	—	(s)	1	—	(s)	(s)	—	—	0	1
Jet Fuel	—	26	(s)	—	36	-1	—	—	0	63
Naphtha-Type	—	0	0	—	0	0	—	—	0	0
Kerosene-Type	—	26	(s)	—	36	-1	—	—	0	63
Kerosene	—	2	0	—	-1	-1	—	—	0	2
Distillate Fuel Oil	—	144	7	—	12	-5	—	—	0	169
0.05 percent sulfur and under	—	115	7	—	12	-8	—	—	0	143
Greater than 0.05 percent sulfur	—	28	(s)	—	0	3	—	—	0	26
Residual Fuel Oil	—	11	0	—	0	2	—	—	0	10
Petrochemical Feedstocks[e]	—	1	0	—	0	0	—	—	0	1
Special Naphthas	—	0	0	—	0	0	—	—	(s)	(s)
Lubricants	—	0	0	—	0	0	—	—	(s)	(s)
Waxes	—	3	0	—	0	(s)	—	—	0	3
Petroleum Coke	—	15	0	—	0	-1	—	—	(s)	16
Asphalt and Road Oil	—	41	(s)	—	0	-17	—	—	(s)	58
Still Gas	—	20	0	—	0	0	—	—	0	20
Miscellaneous Products	—	2	0	—	0	(s)	—	—	0	2
Total	504	531	317	43	-208	25	0	514	3	644

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 IV—Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	[E] **290**	**—**	**244**	**64**	**-97**	**2**	**0**	**499**	**(s)**	**0**
Natural Gas Liquids and LRGs	**213**	**7**	**13**	**—**	**-169**	**1**	**—**	**17**	**1**	**45**
Pentanes Plus	30	—	4	—	-17	(s)	—	7	(s)	11
Liquefied Petroleum Gases	183	7	9	—	-152	1	—	10	1	35
Ethane/Ethylene	87	0	0	—	-83	(s)	—	0	0	4
Propane/Propylene	61	8	6	—	-43	1	—	0	(s)	30
Normal Butane/Butylene	24	(s)	3	—	-16	(s)	—	6	(s)	5
Isobutane/Isobutylene	11	-1	(s)	—	-11	(s)	—	4	0	-5
Other Liquids	**12**	**—**	**0**	**—**	**(s)**	**3**	**—**	**13**	**(s)**	**-4**
Other Hydrocarbons/Oxygenates	4	—	0	—	0	(s)	—	4	(s)	0
Unfinished Oils	—	—	0	—	0	3	—	1	0	-4
Motor Gasoline Blend. Comp.	8	—	0	—	(s)	(s)	—	8	0	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	0	—	0	0	0
Finished Petroleum Products	**-5**	**540**	**7**	**—**	**70**	**-7**	**—**	**—**	**1**	**618**
Finished Motor Gasoline	-5	266	(s)	—	16	1	—	—	(s)	276
Reformulated	—	0	0	—	0	0	—	—	0	0
Oxygenated	31	17	0	—	(s)	(s)	—	—	0	49
Other	-36	249	(s)	—	15	1	—	—	(s)	227
Finished Aviation Gasoline	—	(s)	(s)	—	(s)	(s)	—	—	0	1
Jet Fuel	—	27	(s)	—	42	(s)	—	—	(s)	69
Naphtha-Type	—	0	0	—	0	0	—	—	0	0
Kerosene-Type	—	27	(s)	—	42	(s)	—	—	(s)	69
Kerosene	—	1	0	—	(s)	(s)	—	—	(s)	1
Distillate Fuel Oil	—	149	6	—	12	-2	—	—	0	168
0.05 percent sulfur and under	—	122	6	—	12	-2	—	—	0	142
Greater than 0.05 percent sulfur	—	26	(s)	—	0	(s)	—	—	0	27
Residual Fuel Oil	—	11	0	—	0	(s)	—	—	0	11
Petrochemical Feedstocks[e]	—	1	0	—	0	0	—	—	0	1
Special Naphthas	—	(s)	0	—	0	(s)	—	—	(s)	(s)
Lubricants	—	0	0	—	0	0	—	—	(s)	(s)
Waxes	—	3	0	—	0	(s)	—	—	(s)	3
Petroleum Coke	—	16	0	—	0	(s)	—	—	(s)	16
Asphalt and Road Oil	—	44	1	—	0	-5	—	—	(s)	49
Still Gas	—	20	0	—	0	0	—	—	0	20
Miscellaneous Products	—	2	(s)	—	0	(s)	—	—	(s)	2
Total	**509**	**547**	**264**	**64**	**-196**	**-2**	**0**	**528**	**2**	**659**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 V—Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E **52,724**	**—**	**22,243**	**-1,367**	**0**	**-6,771**	**0**	**80,371**	**0**	**0**	**49,296**
Natural Gas Liquids and LRGs	**2,132**	**2,347**	**307**	**—**	**0**	**586**	**—**	**2,031**	**203**	**1,966**	**8,167**
Pentanes Plus	1,070	—	0	—	0	-10	—	726	0	354	208
Liquefied Petroleum Gases	1,062	2,347	307	—	0	596	—	1,305	203	1,612	7,959
Ethane/Ethylene	3	0	0	—	0	0	—	0	0	3	0
Propane/Propylene	343	1,604	89	—	0	262	—	0	189	1,585	3,226
Normal Butane/Butylene	228	655	218	—	0	299	—	910	14	-122	4,273
Isobutane/Isobutylene	488	88	0	—	0	35	—	395	0	146	460
Other Liquids	**1,595**	**—**	**2,861**	**—**	**1,519**	**1,233**	**—**	**4,776**	**48**	**-82**	**34,010**
Other Hydrocarbons/Oxygenates	2,387	—	1,453	—	0	-524	—	4,316	48	0	2,310
Unfinished Oils	—	—	899	—	0	789	—	192	0	-82	20,293
Motor Gasoline Blend. Comp.	-792	—	509	—	1,519	969	—	267	0	0	11,407
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-1	—	1	0	0	0
Finished Petroleum Products	**1,084**	**89,957**	**3,066**	**—**	**2,346**	**95**	**—**	**—**	**6,546**	**89,813**	**52,828**
Finished Motor Gasoline	1,084	43,278	1,318	—	1,748	295	—	—	330	46,804	19,307
Reformulated	—	31,006	913	—	0	-167	—	—	4	32,082	10,748
Oxygenated	2,922	1,288	0	—	0	-189	—	—	0	4,399	12
Other	-1,838	10,984	405	—	1,748	651	—	—	326	10,322	8,547
Finished Aviation Gasoline	—	95	0	—	0	-8	—	—	0	103	377
Jet Fuel	—	11,682	917	—	228	-1,328	—	—	118	14,037	8,261
Naphtha-Type	—	5	0	—	0	-3	—	—	(s)	8	22
Kerosene-Type	—	11,677	917	—	228	-1,325	—	—	118	14,029	8,239
Kerosene	—	124	0	—	0	8	—	—	10	106	106
Distillate Fuel Oil	—	16,064	587	—	354	658	—	—	1,554	14,793	11,920
0.05 percent sulfur and under	—	12,947	587	—	326	321	—	—	627	12,912	9,463
Greater than 0.05 percent sulfur	—	3,117	0	—	28	337	—	—	927	1,881	2,457
Residual Fuel Oil	—	6,146	232	—	0	733	—	—	111	5,534	5,944
Petrochemical Feedstocks[e]	—	294	0	—	0	-57	—	—	0	351	192
Special Naphthas	—	44	0	—	0	3	—	—	843	-802	20
Lubricants	—	728	0	—	16	19	—	—	66	659	1,743
Waxes	—	0	12	—	0	0	—	—	24	-12	151
Petroleum Coke	—	4,737	0	—	0	204	—	—	3,427	1,106	2,462
Asphalt and Road Oil	—	1,911	0	—	0	-476	—	—	61	2,326	1,932
Still Gas	—	4,649	0	—	0	0	—	—	0	4,649	0
Miscellaneous Products	—	205	0	—	0	44	—	—	3	158	413
Total	**57,535**	**92,304**	**28,477**	**-1,367**	**3,865**	**-4,857**	**0**	**87,178**	**6,797**	**91,697**	**144,301**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 V—Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels)

Commodity	Supply					Disposition					
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]	Ending Stocks
Crude Oil	E 539,873	—	217,403	8,485	0	-10,145	0	775,885	22	0	49,296
Natural Gas Liquids and LRGs	23,439	23,646	1,639	—	0	3,906	—	21,367	1,974	21,477	8,167
Pentanes Plus	12,266	—	0	—	0	118	—	9,134	157	2,857	208
Liquefied Petroleum Gases	11,173	23,646	1,639	—	0	3,788	—	12,233	1,817	18,620	7,959
Ethane/Ethylene	37	0	0	—	0	0	—	0	0	37	0
Propane/Propylene	3,176	16,065	891	—	0	1,768	—	0	1,763	16,601	3,226
Normal Butane/Butylene	3,653	6,956	726	—	0	2,088	—	7,910	55	1,282	4,273
Isobutane/Isobutylene	4,307	625	22	—	0	-68	—	4,323	0	699	460
Other Liquids	11,738	—	31,834	—	5,751	1,607	—	42,610	614	4,492	34,010
Other Hydrocarbons/Oxygenates	20,799	—	18,974	—	0	-107	—	39,274	606	0	2,310
Unfinished Oils	—	—	9,520	—	-171	-113	—	4,970	0	4,492	20,293
Motor Gasoline Blend. Comp.	-9,061	—	3,340	—	5,922	1,828	—	-1,635	8	0	11,407
Aviation Gasoline Blend. Comp.	—	—	0	—	0	-1	—	1	0	0	0
Finished Petroleum Products	11,341	863,939	39,388	—	32,200	-5,520	—	—	71,737	880,651	52,828
Finished Motor Gasoline	11,341	411,902	6,128	—	25,389	-2,412	—	—	4,902	452,270	19,307
Reformulated	—	301,432	1,308	—	94	-1,420	—	—	447	303,807	10,748
Oxygenated	22,802	11,145	432	—	7,043	-183	—	—	68	41,537	12
Other	-11,460	99,325	4,388	—	18,252	-809	—	—	4,388	106,926	8,547
Finished Aviation Gasoline	—	715	412	—	0	-34	—	—	0	1,161	377
Jet Fuel	—	124,400	24,234	—	2,360	-2,369	—	—	2,406	150,957	8,261
Naphtha-Type	—	70	0	—	0	-16	—	—	1	85	22
Kerosene-Type	—	124,330	24,234	—	2,360	-2,353	—	—	2,405	150,872	8,239
Kerosene	—	1,120	25	—	0	-6	—	—	114	1,037	106
Distillate Fuel Oil	—	149,285	4,383	—	4,460	-838	—	—	21,511	137,455	11,920
0.05 percent sulfur and under	—	119,671	3,727	—	3,964	-924	—	—	3,548	124,738	9,463
Greater than 0.05 percent sulfur	—	29,614	656	—	496	86	—	—	17,964	12,716	2,457
Residual Fuel Oil	—	53,840	3,154	—	0	-4	—	—	5,959	51,039	5,944
Petrochemical Feedstocks[e]	—	3,157	413	—	0	-112	—	—	0	3,682	192
Special Naphthas	—	454	327	—	0	-15	—	—	5,388	-4,592	20
Lubricants	—	7,609	0	—	-9	316	—	—	678	6,606	1,743
Waxes	—	87	216	—	0	26	—	—	186	91	151
Petroleum Coke	—	46,890	70	—	0	682	—	—	30,099	16,179	2,462
Asphalt and Road Oil	—	17,069	0	—	0	-782	—	—	471	17,380	1,932
Still Gas	—	45,312	0	—	0	0	—	—	0	45,312	0
Miscellaneous Products	—	2,099	26	—	0	28	—	—	22	2,075	413
Total	586,391	887,585	290,264	8,485	37,951	-10,152	0	839,862	74,346	906,620	144,301

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 V — Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E **1,701**	**—**	**718**	**-44**	**0**	**-218**	**0**	**2,593**	**0**	**0**
Natural Gas Liquids and LRGs	**69**	**76**	**10**	**—**	**0**	**19**	**—**	**66**	**7**	**63**
Pentanes Plus	35	—	0	—	0	(s)	—	23	0	11
Liquefied Petroleum Gases	34	76	10	—	0	19	—	42	7	52
Ethane/Ethylene	(s)	0	0	—	0	0	—	0	0	(s)
Propane/Propylene	11	52	3	—	0	8	—	0	6	51
Normal Butane/Butylene	7	21	7	—	0	10	—	29	(s)	-4
Isobutane/Isobutylene	16	3	0	—	0	1	—	13	0	5
Other Liquids	**51**	**—**	**92**	**—**	**49**	**40**	**—**	**154**	**2**	**-3**
Other Hydrocarbons/Oxygenates	77	—	47	—	0	-17	—	139	2	0
Unfinished Oils	—	—	29	—	0	25	—	6	0	-3
Motor Gasoline Blend. Comp.	-26	—	16	—	49	31	—	9	0	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	(s)	0	0
Finished Petroleum Products	**35**	**2,902**	**99**	**—**	**76**	**3**	**—**	**—**	**211**	**2,897**
Finished Motor Gasoline	35	1,396	43	—	56	10	—	—	11	1,510
Reformulated	—	1,000	29	—	0	-5	—	—	(s)	1,035
Oxygenated	94	42	0	—	0	-6	—	—	0	142
Other	-59	354	13	—	56	21	—	—	11	333
Finished Aviation Gasoline	—	3	0	—	0	(s)	—	—	0	3
Jet Fuel	—	377	30	—	7	-43	—	—	4	453
Naphtha-Type	—	(s)	0	—	0	(s)	—	—	(s)	(s)
Kerosene-Type	—	377	30	—	7	-43	—	—	4	453
Kerosene	—	4	0	—	0	(s)	—	—	(s)	3
Distillate Fuel Oil	—	518	19	—	11	21	—	—	50	477
0.05 percent sulfur and under	—	418	19	—	11	10	—	—	20	417
Greater than 0.05 percent sulfur	—	101	0	—	1	11	—	—	30	61
Residual Fuel Oil	—	198	7	—	0	24	—	—	4	179
Petrochemical Feedstocks[e]	—	9	0	—	0	-2	—	—	0	11
Special Naphthas	—	1	0	—	0	(s)	—	—	27	-26
Lubricants	—	23	0	—	1	1	—	—	2	21
Waxes	—	0	(s)	—	0	0	—	—	1	(s)
Petroleum Coke	—	153	0	—	0	7	—	—	111	36
Asphalt and Road Oil	—	62	0	—	0	-15	—	—	2	75
Still Gas	—	150	0	—	0	0	—	—	0	150
Miscellaneous Products	—	7	0	—	0	1	—	—	(s)	5
Total	**1,856**	**2,978**	**919**	**-44**	**125**	**-157**	**0**	**2,812**	**219**	**2,958**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.

Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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. PAD District V — Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-October 2001

(Thousand Barrels per Day)

Commodity	Supply					Disposition				
	Field Production	Refinery Production	Imports by PAD District of Entry[a]	Unaccounted For Crude Oil[b]	Net Receipts	Stock Change[c]	Crude Losses	Refinery Inputs	Exports	Products Supplied[d]
Crude Oil	E **1,776**	**—**	**715**	**28**	**0**	**-33**	**0**	**2,552**	**(s)**	**0**
Natural Gas Liquids and LRGs	**77**	**78**	**5**	**—**	**0**	**13**	**—**	**70**	**6**	**71**
Pentanes Plus	40	—	0	—	0	(s)	—	30	1	9
Liquefied Petroleum Gases	37	78	5	—	0	12	—	40	6	61
Ethane/Ethylene	(s)	0	0	—	0	0	—	0	0	(s)
Propane/Propylene	10	53	3	—	0	6	—	0	6	55
Normal Butane/Butylene	12	23	2	—	0	7	—	26	(s)	4
Isobutane/Isobutylene	14	2	(s)	—	0	(s)	—	14	0	2
Other Liquids	**39**	**—**	**105**	**—**	**19**	**5**	**—**	**140**	**2**	**15**
Other Hydrocarbons/Oxygenates	68	—	62	—	0	(s)	—	129	2	0
Unfinished Oils	—	—	31	—	-1	(s)	—	16	0	15
Motor Gasoline Blend. Comp.	-30	—	11	—	19	6	—	-5	(s)	0
Aviation Gasoline Blend. Comp.	—	—	0	—	0	(s)	—	(s)	0	0
Finished Petroleum Products	**37**	**2,842**	**130**	**—**	**106**	**-18**	**—**	**—**	**236**	**2,897**
Finished Motor Gasoline	37	1,355	20	—	84	-8	—	—	16	1,488
Reformulated	—	992	4	—	(s)	-5	—	—	1	999
Oxygenated	75	37	1	—	23	-1	—	—	(s)	137
Other	-38	327	14	—	60	-3	—	—	14	352
Finished Aviation Gasoline	—	2	1	—	0	(s)	—	—	0	4
Jet Fuel	—	409	80	—	8	-8	—	—	8	497
Naphtha-Type	—	(s)	0	—	0	(s)	—	—	(s)	(s)
Kerosene-Type	—	409	80	—	8	-8	—	—	8	496
Kerosene	—	4	(s)	—	0	(s)	—	—	(s)	3
Distillate Fuel Oil	—	491	14	—	15	-3	—	—	71	452
0.05 percent sulfur and under	—	394	12	—	13	-3	—	—	12	410
Greater than 0.05 percent sulfur	—	97	2	—	2	(s)	—	—	59	42
Residual Fuel Oil	—	177	10	—	0	(s)	—	—	20	168
Petrochemical Feedstocks[e]	—	10	1	—	0	(s)	—	—	0	12
Special Naphthas	—	1	1	—	0	(s)	—	—	18	-15
Lubricants	—	25	0	—	(s)	1	—	—	2	22
Waxes	—	(s)	1	—	0	(s)	—	—	1	(s)
Petroleum Coke	—	154	(s)	—	0	2	—	—	99	53
Asphalt and Road Oil	—	56	0	—	0	-3	—	—	2	57
Still Gas	—	149	0	—	0	0	—	—	0	149
Miscellaneous Products	—	7	(s)	—	0	(s)	—	—	(s)	7
Total	**1,929**	**2,920**	**955**	**28**	**125**	**-33**	**0**	**2,763**	**245**	**2,982**

[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] Unaccounted for crude oil represents the difference between the supply and disposition of crude oil.
[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 production, plus imports, plus unaccounted for crude oil, plus net receipts, minus stock change, minus crude losses, minus refinery inputs, minus exports.
[e] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.
(s) = Less than 500 barrels per day.
E = Estimated.
LRG = Liquefied Refinery Gas.
— = Not Applicable.
Note: 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," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movement Report," and EIA-819M, "Monthly Oxygenate Telephone Report". Domestic crude oil 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 26. Production of Crude Oil by PAD District and State

(Thousand Barrels)

PAD District and State	August 2001		January-August 2001	
	Total	Daily Average	Total	Daily Average
PAD District I	E **675**	E **22**	E **5,183**	E **21**
Florida	367	12	E 2,965	E 12
New York	E 17	E 1	E 128	E 1
Pennsylvania	E 140	E 5	E 1,092	E 4
Virginia	E 1	E (s)	E 6	E (s)
West Virginia	E 125	E 4	E 934	E 4
Adjustment[a]	26	1	57	(s)
PAD District II	E **14,346**	E **463**	E **112,958**	E **465**
Illinois	E 1,021	E 33	E 8,202	E 34
Indiana	194	6	E 1,371	E 6
Kansas	E 2,756	E 89	E 22,006	E 91
Kentucky	272	9	E 2,099	E 9
Michigan	E 780	E 25	E 4,892	E 20
Missouri	E 8	E (s)	E 61	E (s)
Nebraska	248	8	E 1,952	E 8
North Dakota	2,675	86	21,275	88
Ohio	E 576	E 19	E 4,192	E 17
Oklahoma	E 5,785	E 187	E 45,663	E 188
South Dakota	106	3	829	3
Tennessee	26	1	236	1
Adjustment[a]	-103	-3	180	1
PAD District III	E **102,015**	E **3,291**	E **794,199**	E **3,268**
Alabama	E 827	E 27	E 6,313	E 26
Arkansas	E 674	E 22	E 5,382	E 22
Louisiana[b]	E 8,951	E 289	E 67,981	E 280
Mississippi	E 1,627	E 52	E 13,324	E 55
New Mexico	E 5,621	E 181	E 43,955	E 181
Texas[b]	E 37,030	E 1,195	E 293,191	E 1,207
Federal Offshore PAD District III	E 47,285	E 1,525	E 364,163	E 1,499
Adjustment[a]	0	0	-109	(s)
PAD District IV	E **8,774**	E **283**	E **70,714**	E **291**
Colorado	E 1,318	E 43	E 10,916	E 45
Montana	1,316	42	E 10,064	E 41
Utah	E 1,296	E 42	E 10,279	E 42
Wyoming	E 4,871	E 157	E 39,250	E 162
Adjustment[a]	-26	-1	204	1
PAD District V	E **54,699**	E **1,764**	E **435,316**	E **1,791**
Alaska[b]	E 29,844	E 963	E 234,903	E 967
South Alaska	1,077	35	7,381	30
North Slope	27,691	893	226,446	932
Adjustment for Alaska[a]	1,077	35	1,077	4
Arizona	7	(s)	39	(s)
California[b]	22,119	714	172,914	712
Nevada	48	2	384	2
Federal Offshore PAD District V	2,747	89	20,912	86
Adjustment excluding Alaska[a]	-67	-2	6,164	25
U.S. Total[b]	E **180,509**	E **5,823**	E **1,418,370**	E **5,837**

[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.*

[b] Includes the following current month offshore production (thousand barrels): Alaska: State - 6,691 California: State -1,465; Louisiana: State - E1,091; Texas: State - E49; U.S. Total, including Federal offshore - E59,328.

(s) = Less than 500 barrels or less than 500 barrels per day.

E = Estimated.

NA = Not Available.

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

Sources: State government agencies, U.S. Department of the Interior, Minerals Management Service and the Conservation Committee of California Oil Producers.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, October 2001

(Thousand Barrels)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
	Net Production						
Natural Gas Liquids	**84**	**732**	**816**	**1,856**	**383**	**8,034**	**10,273**
Pentanes Plus	12	86	98	110	90	1,192	1,392
Liquefied Petroleum Gases	72	646	718	1,746	293	6,842	8,881
Ethane	25	201	226	950	0	2,968	3,918
Propane	29	310	339	528	187	2,584	3,299
Normal Butane	18	94	112	167	106	663	936
Isobutane	0	41	41	101	0	627	728
	Stocks						
Natural Gas Liquids	**8**	**52**	**60**	**148**	**58**	**2,208**	**2,414**
Pentanes Plus	0	21	21	17	20	101	138
Liquefied Petroleum Gases	8	31	39	131	38	2,107	2,276
Ethane	0	0	0	17	0	192	209
Propane	6	23	29	73	23	1,574	1,670
Normal Butane	2	4	6	20	15	252	287
Isobutane	0	4	4	21	0	89	110

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
	Net Production								
Natural Gas Liquids	**18,789**	**4,554**	**11,969**	**399**	**6,948**	**42,659**	**6,611**	**2,132**	**62,491**
Pentanes Plus	2,981	618	1,819	123	783	6,324	941	1,070	9,825
Liquefied Petroleum Gases	15,808	3,936	10,150	276	6,165	36,335	5,670	1,062	52,666
Ethane	7,454	2,073	4,418	52	3,292	17,289	2,781	3	24,217
Propane	5,239	1,199	3,541	116	1,879	11,974	1,827	343	17,782
Normal Butane	1,978	-1,641	1,129	74	648	2,188	742	228	4,206
Isobutane	1,137	2,305	1,062	34	346	4,884	320	488	6,461
	Stocks								
Natural Gas Liquids	**223**	**1,529**	**1,820**	**31**	**87**	**3,690**	**205**	**282**	**6,651**
Pentanes Plus	50	173	164	12	12	411	55	11	636
Liquefied Petroleum Gases	173	1,356	1,656	19	75	3,279	150	271	6,015
Ethane	28	330	0	0	0	358	17	0	584
Propane	102	512	520	11	60	1,205	61	174	3,139
Normal Butane	25	267	976	5	6	1,279	59	92	1,723
Isobutane	18	247	160	3	9	437	13	5	569

Note: Refer to Appendix A for Refining District descriptions.

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

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2001

(Thousand Barrels, Except Where Noted)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	**43,026**	**2,275**	**45,301**	**62,948**	**12,536**	**21,656**	**97,140**
Natural Gas Liquids	**231**	**0**	**231**	**2,587**	**178**	**1,094**	**3,859**
Pentanes Plus	0	0	0	597	103	628	1,328
Liquefied Petroleum Gases	231	0	231	1,990	75	466	2,531
Ethane	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0
Normal Butane	150	0	150	1,313	11	187	1,511
Isobutane	81	0	81	677	64	279	1,020
Other Liquids	**12,792**	**-92**	**12,700**	**-942**	**638**	**-346**	**-650**
Other Hydrocarbons/Hydrogen/Oxygenates	2,320	0	2,320	750	220	89	1,059
Other Hydrocarbons/Hydrogen	0	0	0	47	7	20	74
Oxygenates	W	W	2,320	703	213	69	985
Fuel Ethanol	W	W	W	W	W	W	915
Methanol	W	W	W	W	W	W	W
MTBE	W	W	2,274	W	W	W	W
Other Oxygenates[a]	W	W	W	W	W	W	W
Unfinished Oils (net)	4,382	-81	4,301	-340	211	-1,123	-1,252
Motor Gasoline Blend. Comp. (net)	6,211	-11	6,200	-1,354	207	688	-459
Aviation Gasoline Blend. Comp. (net)	-121	0	-121	2	0	0	2
Total Input to Refineries	**56,049**	**2,183**	**58,232**	**64,593**	**13,352**	**22,404**	**100,349**
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,359	73	1,433	2,033	405	704	3,141
Operable Capacity (daily average)	1,607	91	1,698	2,367	426	763	3,557
Operable Utilization Rate (percent)[b,c]	84.6	80.8	84.4	85.9	95.0	92.2	88.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Cracking	609	15	624	687	133	179	999
Catalytic Hydrocracking	41	0	41	142	0	4	147
Delayed and Fluid Coking	79	0	79	196	64	86	345
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.79	1.33	0.82	1.28	2.19	0.94	1.32
API Gravity, Weighted Average (degrees)	31.22	33.04	31.31	32.95	28.11	34.46	32.66
Operable Capacity (daily average)	**1,607**	**91**	**1,698**	**2,367**	**426**	**763**	**3,557**
Operating	1,428	91	1,518	2,367	426	763	3,557
Idle	180	0	180	0	0	0	0
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 28. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2001 (Continued)

(Thousand Barrels, Except Where Noted)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	**18,758**	**112,007**	**89,182**	**4,468**	**2,281**	**226,696**	**15,515**	**80,371**	**465,023**
Natural Gas Liquids	**1,177**	**2,262**	**2,085**	**220**	**291**	**6,035**	**627**	**2,031**	**12,783**
Pentanes Plus	625	536	1,320	159	161	2,801	182	726	5,037
Liquefied Petroleum Gases	552	1,726	765	61	130	3,234	445	1,305	7,746
Ethane	0	0	0	0	0	0	0	0	0
Propane	0	0	0	0	0	0	0	0	0
Normal Butane	501	617	365	36	5	1,524	288	910	4,383
Isobutane	51	1,109	400	25	125	1,710	157	395	3,363
Other Liquids	**64**	**9,273**	**1,134**	**-159**	**-367**	**9,945**	**-212**	**4,776**	**26,559**
Other Hydrocarbons/Hydrogen/Oxygenates	139	2,456	1,173	0	23	3,791	148	4,316	11,634
Other Hydrocarbons/Hydrogen	132	240	636	0	0	1,008	28	829	1,939
Oxygenates	7	2,216	537	W	W	2,783	120	3,487	9,695
Fuel Ethanol	W	W	W	W	W	W	W	W	1,534
Methanol	W	W	W	W	W	W	W	W	115
MTBE	W	2,150	W	W	W	2,636	W	2,988	7,929
Other Oxygenates[a]	W	W	W	W	W	W	W	W	117
Unfinished Oils (net)	391	8,806	1,280	-182	-18	10,277	-490	192	13,028
Motor Gasoline Blend. Comp. (net)	-472	-1,989	-1,332	23	-372	-4,142	130	267	1,996
Aviation Gasoline Blend. Comp. (net)	6	0	13	0	0	19	0	1	-99
Total Input to Refineries	**19,999**	**123,542**	**92,401**	**4,529**	**2,205**	**242,676**	**15,930**	**87,178**	**504,365**
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	609	3,595	2,909	133	74	7,319	508	2,815	15,216
Operable Capacity (daily average)	584	3,830	3,036	197	96	7,742	564	3,129	16,690
Operable Utilization Rate (percent)[b,c]	104.3	93.9	95.8	67.4	77.0	94.5	90.1	90.0	91.2
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Cracking	197	1,324	975	17	22	2,536	125	683	4,967
Catalytic Hydrocracking	43	289	197	0	0	529	3	492	1,213
Delayed and Fluid Coking	6	552	384	11	0	953	39	498	1,915
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.88	1.76	1.72	2.14	0.52	1.67	1.36	1.29	1.44
API Gravity, Weighted Average (degrees)	37.60	30.04	29.81	26.47	38.71	30.59	33.66	26.94	30.53
Operable Capacity (daily average)	**584**	**3,830**	**3,036**	**197**	**96**	**7,742**	**564**	**3,129**	**16,690**
Operating	584	3,803	3,001	151	96	7,634	559	3,039	16,308
Idle	0	27	35	46	0	108	5	89	382
Alaskan Crude Oil Receipts	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30,453**	**30,453**

[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.

[c] See Table H2 in the Highlights Section for additional information concerning utilization rates.

W = Withheld to avoid disclosure of individual company data.

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."

Table 29. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2001

(Thousand Barrels)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Liquefied Refinery Gases	873	-3	870	2,094	-66	218	2,246
Ethane/Ethylene	0	0	0	0	0	0	0
Ethane	W	W	W	W	W	W	W
Ethylene	W	W	W	W	W	W	W
Propane/Propylene	1,513	26	1,539	2,409	282	555	3,246
Propane	W	W	W	1,548	W	W	2,276
Propylene	W	W	W	861	W	W	970
Normal Butane/Butylene	-440	-22	-462	-278	-276	-188	-742
Normal Butane	W	W	W	W	W	W	W
Butylene	W	W	W	W	W	W	W
Isobutane/Isobutylene	-200	-7	-207	-37	-72	-149	-258
Isobutane	W	W	W	W	W	W	W
Isobutylene	W	W	W	W	W	W	W
Finished Motor Gasoline	31,392	840	32,232	35,271	7,254	11,828	54,353
Reformulated	20,229	0	20,229	7,219	1,174	535	8,928
Oxygenated	0	0	0	0	1,185	0	1,185
Other	11,163	840	12,003	28,052	4,895	11,293	44,240
Finished Aviation Gasoline	0	0	0	35	30	49	114
Jet Fuel	2,638	13	2,651	4,586	778	979	6,343
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	2,638	13	2,651	4,586	778	979	6,343
Commercial	2,638	6	2,644	4,369	749	860	5,978
Military	0	7	7	217	29	119	365
Kerosene	336	51	387	744	19	123	886
Distillate Fuel Oil	14,210	545	14,755	14,461	3,725	6,946	25,132
0.05 percent sulfur and under	7,397	457	7,854	11,202	3,124	5,336	19,662
Greater than 0.05 percent sulfur	6,813	88	6,901	3,259	601	1,610	5,470
Residual Fuel Oil	3,358	23	3,381	1,004	264	220	1,488
Less than 0.31 percent sulfur	1,345	5	1,350	0	0	0	0
0.31 to 1.00 percent sulfur	1,946	18	1,964	250	0	13	263
Greater than 1.00 percent sulfur	67	0	67	754	264	207	1,225
Naphtha for Petrochemical Feedstock Use	482	0	482	572	0	0	572
Other Oils for Petrochemical Feedstock Use	0	0	0	-87	0	40	-47
Special Naphthas	24	30	54	518	0	64	582
Lubricants	234	204	438	200	0	276	476
Naphthenic	0	0	0	0	0	0	0
Paraffinic	234	204	438	200	0	276	476
Waxes	0	31	31	59	0	69	128
Petroleum Coke	1,531	23	1,554	2,360	756	862	3,978
Marketable	574	0	574	1,406	575	695	2,676
Catalyst	957	23	980	954	181	167	1,302
Asphalt and Road Oil	2,855	403	3,258	3,792	976	820	5,588
Still Gas	1,770	51	1,821	2,292	593	780	3,665
Miscellaneous Products	30	3	33	213	97	19	329
Fuel Use	0	0	0	0	0	0	0
Nonfuel Use	30	3	33	213	97	19	329
Total	**59,733**	**2,214**	**61,947**	**68,114**	**14,426**	**23,293**	**105,833**
Processing Gain(-) or Loss(+)[a]	-3,684	-31	-3,715	-3,521	-1,074	-889	-5,484

See footnotes at end of table.

Table 29. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2001 (Continued)

(Thousand Barrels)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Refinery Gases	759	6,368	3,782	52	29	10,990	123	2,347	16,576
Ethane/Ethylene	0	696	142	0	0	838	0	0	838
Ethane	W	W	W	W	W	W	W	W	657
Ethylene	W	W	W	W	W	W	W	W	181
Propane/Propylene	786	5,625	4,117	50	51	10,629	261	1,604	17,279
Propane	W	2,614	2,050	W	W	5,316	W	W	10,369
Propylene	W	3,011	2,067	W	W	5,313	W	W	6,910
Normal Butane/Butylene	81	-89	-341	2	-22	-369	-126	655	-1,044
Normal Butane	W	W	W	W	W	W	W	W	-1,529
Butylene	W	W	W	W	W	W	W	W	485
Isobutane/Isobutylene	-108	136	-136	0	0	-108	-12	88	-497
Isobutane	W	W	W	W	W	W	W	W	-531
Isobutylene	W	W	W	W	W	W	W	W	34
Finished Motor Gasoline	10,865	58,734	42,064	1,145	1,164	113,972	8,158	43,278	251,993
Reformulated	364	17,613	4,037	0	0	22,014	0	31,006	82,177
Oxygenated	0	0	6	0	109	115	873	1,288	3,461
Other	10,501	41,121	38,021	1,145	1,055	91,843	7,285	10,984	166,355
Finished Aviation Gasoline	143	88	159	0	0	390	4	95	603
Jet Fuel	1,675	11,520	10,361	0	209	23,765	795	11,682	45,236
Naphtha-Type	1	0	0	0	0	1	0	5	6
Kerosene-Type	1,674	11,520	10,361	0	209	23,764	795	11,677	45,230
Commercial	1,337	9,581	9,628	0	0	20,546	588	10,383	40,139
Military	337	1,939	733	0	209	3,218	207	1,294	5,091
Kerosene	11	667	194	113	1	986	57	124	2,440
Distillate Fuel Oil	4,890	27,844	22,647	1,055	589	57,025	4,456	16,064	117,432
0.05 percent sulfur and under	3,946	22,953	10,995	477	576	38,947	3,577	12,947	82,987
Greater than 0.05 percent sulfur	944	4,891	11,652	578	13	18,078	879	3,117	34,445
Residual Fuel Oil	314	5,415	4,441	120	11	10,301	350	6,146	21,666
Less than 0.31 percent sulfur	204	1	381	0	0	586	33	190	2,159
0.31 to 1.00 percent sulfur	43	854	1,352	90	11	2,350	80	1,458	6,115
Greater than 1.00 percent sulfur	67	4,560	2,708	30	0	7,365	237	4,498	13,392
Naphtha for Petrochemical Feedstock Use	65	3,397	755	0	-1	4,216	0	38	5,308
Other Oils for Petrochemical Feedstock Use	169	2,587	2,036	0	0	4,792	26	256	5,027
Special Naphthas	181	318	87	182	0	768	0	44	1,448
Lubricants	W	1,987	W	W	W	3,915	0	728	5,557
Naphthenic	W	229	W	W	W	827	0	204	1,031
Paraffinic	W	1,758	W	W	W	3,088	0	524	4,526
Waxes	0	215	79	1	0	295	91	0	545
Petroleum Coke	310	7,092	5,052	99	28	12,581	456	4,737	23,306
Marketable	33	4,978	3,875	79	0	8,965	240	3,613	16,068
Catalyst	277	2,114	1,177	20	28	3,616	216	1,124	7,238
Asphalt and Road Oil	668	886	862	1,060	140	3,616	1,261	1,911	15,634
Still Gas	794	4,817	3,416	138	49	9,214	609	4,649	19,958
Miscellaneous Products	56	634	582	0	0	1,272	60	205	1,899
Fuel Use	0	0	185	0	0	185	0	-23	162
Nonfuel Use	56	634	397	0	0	1,087	60	228	1,737
Total	**20,945**	**132,569**	**97,785**	**4,580**	**2,219**	**258,098**	**16,446**	**92,304**	**534,628**
Processing Gain(-) or Loss(+)[a]	-946	-9,027	-5,384	-51	-14	-15,422	-516	-5,126	-30,263

[a] Represents the arithmetic difference between input and production.

W = Withheld to avoid disclosure of individual company data.

Note: Refer to Appendix A for Refining District descriptions.

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

Table 30. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2001

(Thousand Barrels)

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Crude Oil	**12,971**	**434**	**13,405**	**9,669**	**1,987**	**2,676**	**14,332**
Petroleum Products	**54,629**	**1,671**	**56,300**	**36,782**	**8,052**	**12,246**	**57,080**
Pentanes Plus	0	0	0	26	44	220	290
Liquefied Petroleum Gases	2,196	42	2,238	2,956	685	1,425	5,066
Ethane/Ethylene	0	0	0	0	0	0	0
Propane/Propylene	646	1	647	1,395	35	440	1,870
Normal Butane/Butylene	1,327	37	1,364	1,336	601	881	2,818
Isobutane/Isobutylene	223	4	227	225	49	104	378
Other Hydrocarbons/Hydrogen/Oxygenates	2,197	1	2,198	707	108	13	828
Other Hydrocarbons/Hydrogen	0	0	0	35	0	0	35
Oxygenates	W	W	2,198	672	108	13	793
Fuel Ethanol	W	W	W	W	W	W	734
Methanol	W	W	W	W	W	W	W
MTBE	W	W	1,652	W	W	W	W
Other Oxygenates [a]	W	W	W	W	W	W	W
Unfinished Oils	8,694	490	9,184	10,131	696	4,245	15,072
Naphthas and Lighter	2,079	231	2,310	2,661	190	1,324	4,175
Kerosene and Light Gas Oils	1,846	0	1,846	2,082	197	437	2,716
Heavy Gas Oils	2,822	250	3,072	3,111	255	1,634	5,000
Residuum	1,947	9	1,956	2,277	54	850	3,181
Motor Gasoline Blending Components	6,168	17	6,185	6,607	1,415	1,160	9,182
Aviation Gasoline Blending Components	175	0	175	27	0	0	27
Finished Motor Gasoline	9,743	190	9,933	4,895	1,265	1,815	7,975
Reformulated	5,783	0	5,783	208	0	0	208
Oxygenated	0	11	11	0	128	0	128
Other	3,960	179	4,139	4,687	1,137	1,815	7,639
Finished Aviation Gasoline	36	0	36	19	55	49	123
Jet Fuel	3,539	17	3,556	1,881	150	415	2,446
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	3,539	17	3,556	1,881	150	415	2,446
Kerosene	160	31	191	337	69	113	519
Distillate Fuel Oil	14,023	98	14,121	4,457	1,400	1,576	7,433
0.05 percent sulfur and under	2,586	68	2,654	2,674	1,012	938	4,624
Greater then 0.05 percent sulfur	11,437	30	11,467	1,783	388	638	2,809
Residual Fuel Oil	5,596	31	5,627	929	185	111	1,225
Less than 0.31 percent sulfur	1,661	23	1,684	0	0	0	0
0.31 to 1.00 percent sulfur	3,207	8	3,215	223	0	0	223
Greater than 1.00 percent sulfur	728	0	728	706	185	111	1,002
Naphtha for Petrochemical Feedstock Use	622	0	622	257	0	1	258
Other Oils for Petrochemical Feedstock Use	0	0	0	55	0	0	55
Special Naphthas	43	18	61	317	0	44	361
Lubricants	315	307	622	84	0	0	84
Waxes	0	213	213	28	0	64	92
Petroleum Coke (Marketable)	197	0	197	300	1,207	192	1,699
Asphalt and Road Oil	922	205	1,127	2,703	756	801	4,260
Miscellaneous Products	3	11	14	66	17	2	85
Total Stocks, All Oils	**67,600**	**2,105**	**69,705**	**46,451**	**10,039**	**14,922**	**71,412**

See footnotes at end of table.

Table 30. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2001 (Continued)

(Thousand Barrels)

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Crude Oil	**1,060**	**28,027**	**20,471**	**924**	**365**	**50,847**	**2,304**	**22,516**	**103,404**
Petroleum Products	**10,884**	**68,364**	**51,495**	**3,597**	**1,457**	**135,797**	**10,455**	**63,156**	**322,788**
Pentanes Plus	111	16	135	17	20	299	24	0	613
Liquefied Petroleum Gases	3,257	766	5,786	14	63	9,886	450	2,204	19,844
Ethane/Ethylene	151	0	0	0	0	151	0	0	151
Propane/Propylene	1,840	205	416	2	3	2,466	171	123	5,277
Normal Butane/Butylene	1,089	383	4,294	4	26	5,796	203	1,682	11,863
Isobutane/Isobutylene	177	178	1,076	8	34	1,473	76	399	2,553
Other Hydrocarbons/Hydrogen/Oxygenates	68	1,702	492	0	15	2,277	79	1,584	6,966
Other Hydrocarbons/Hydrogen	0	0	1	0	0	1	0	5	41
Oxygenates	68	1,702	491	W	W	2,276	79	1,579	6,925
Fuel Ethanol	W	W	W	W	W	W	W	W	1,004
Methanol	W	W	W	W	W	W	W	W	957
MTBE	W	1,234	W	W	W	1,696	W	1,462	4,852
Other Oxygenates [a]	W	W	W	W	W	W	W	W	112
Unfinished Oils	2,538	23,514	17,029	991	484	44,556	3,102	20,293	92,207
Naphthas and Lighter	1,369	5,917	4,016	507	251	12,060	842	3,877	23,264
Kerosene and Light Gas Oils	176	4,670	2,989	289	88	8,212	462	3,663	16,899
Heavy Gas Oils	658	8,613	7,416	182	145	17,014	1,387	9,663	36,136
Residuum	335	4,314	2,608	13	0	7,270	411	3,090	15,908
Motor Gasoline Blending Components	1,168	6,896	5,524	62	302	13,952	1,746	9,636	40,701
Aviation Gasoline Blending Components	6	0	11	0	0	17	0	0	219
Finished Motor Gasoline	1,281	10,148	6,588	179	191	18,387	2,074	8,808	47,177
Reformulated	52	4,043	488	0	0	4,583	0	4,890	15,464
Oxygenated	0	0	0	0	1	1	79	12	231
Other	1,229	6,105	6,100	179	190	13,803	1,995	3,906	31,482
Finished Aviation Gasoline	60	330	205	0	0	595	26	234	1,014
Jet Fuel	455	3,305	2,531	0	41	6,332	362	4,679	17,375
Naphtha-Type	1	0	0	0	0	1	0	16	17
Kerosene-Type	454	3,305	2,531	0	41	6,331	362	4,663	17,358
Kerosene	23	291	169	33	5	521	36	82	1,349
Distillate Fuel Oil	1,014	9,801	4,952	327	159	16,253	1,319	5,952	45,078
0.05 percent sulfur and under	719	6,685	2,228	119	82	9,833	987	4,563	22,661
Greater then 0.05 percent sulfur	295	3,116	2,724	208	77	6,420	332	1,389	22,417
Residual Fuel Oil	83	2,879	2,222	277	10	5,471	471	3,828	16,622
Less than 0.31 percent sulfur	42	1	140	0	0	183	21	610	2,498
0.31 to 1.00 percent sulfur	1	184	264	222	10	681	225	1,340	5,684
Greater than 1.00 percent sulfur	40	2,694	1,818	55	0	4,607	225	1,878	8,440
Naphtha for Petrochemical Feedstock Use	21	1,428	262	0	29	1,740	0	73	2,693
Other Oils for Petrochemical Feedstock Use	94	1,043	381	0	0	1,518	0	119	1,692
Special Naphthas	67	1,039	44	110	0	1,260	5	20	1,707
Lubricants	16	2,446	2,256	650	0	5,368	0	1,265	7,339
Waxes	0	209	126	58	0	393	9	151	858
Petroleum Coke (Marketable)	0	1,875	1,962	0	0	3,837	42	2,462	8,237
Asphalt and Road Oil	596	507	629	879	138	2,749	708	1,441	10,285
Miscellaneous Products	26	169	191	0	0	386	2	325	812
Total Stocks, All Oils	**11,944**	**96,391**	**71,966**	**4,521**	**1,822**	**186,644**	**12,759**	**85,672**	**426,192**

[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).

W = Withheld to avoid disclosure of individual company data.

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 31. Percent Refinery Yield of Petroleum Products by PAD and Refining Districts,[a] October 2001

Commodity	PAD District I			PAD District II			
	East Coast	Appalachian No. 1	Total	Ind., Ill., Ky.	Minn., Wis., N. Dak., S. Dak.	Okla., Kans., Mo.	Total
Liquefied Refinery Gases	1.8	-0.1	1.8	3.3	-0.5	1.1	2.3
Finished Motor Gasoline[b]	47.7	38.8	47.3	53.2	52.2	48.5	52.0
Finished Aviation Gasoline[c]	0.3	0.0	0.2	0.1	0.2	0.2	0.1
Naphtha-Type Jet Fuel	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kerosene-Type Jet Fuel	5.6	0.6	5.3	7.3	6.1	4.8	6.6
Kerosene	0.7	2.3	0.8	1.2	0.1	0.6	0.9
Distillate Fuel Oil	30.0	24.8	29.7	23.1	29.2	33.8	26.2
Residual Fuel Oil	7.1	1.0	6.8	1.6	2.1	1.1	1.6
Naphtha for Petrochemical Feedstock Use	1.0	0.0	1.0	0.9	0.0	0.0	0.6
Other Oils for Petrochemical Feedstock Use	0.0	0.0	0.0	-0.1	0.0	0.2	0.0
Special Naphthas	0.1	1.4	0.1	0.8	0.0	0.3	0.6
Lubricants	0.5	9.3	0.9	0.3	0.0	1.3	0.5
Waxes	0.0	1.4	0.1	0.1	0.0	0.3	0.1
Petroleum Coke	3.2	1.0	3.1	3.8	5.9	4.2	4.1
Asphalt and Road Oil	6.0	18.4	6.6	6.1	7.7	4.0	5.8
Still Gas	3.7	2.3	3.7	3.7	4.7	3.8	3.8
Miscellaneous Products	0.1	0.1	0.1	0.3	0.8	0.1	0.3
Processing Gain(-) or Loss(+)[d]	-7.8	-1.4	-7.5	-5.6	-8.4	-4.3	-5.7

Commodity	PAD District III						PAD Dist. IV	PAD Dist. V	U.S. Total
	Texas Inland	Texas Gulf Coast	La. Gulf Coast	N. La., Ark.	New Mexico	Total	Rocky Mt.	West Coast	
Liquefied Refinery Gases	4.0	5.3	4.2	1.2	1.3	4.6	0.8	2.9	3.5
Finished Motor Gasoline[b]	52.3	46.4	44.4	21.0	54.0	45.7	48.3	45.5	47.2
Finished Aviation Gasoline[c]	0.7	0.1	0.2	0.0	0.0	0.2	0.0	0.1	0.1
Naphtha-Type Jet Fuel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kerosene-Type Jet Fuel	8.7	9.5	11.5	0.0	9.2	10.0	5.3	14.5	9.5
Kerosene	0.1	0.6	0.2	2.6	0.0	0.4	0.4	0.2	0.5
Distillate Fuel Oil	25.5	23.0	25.0	24.6	26.0	24.1	29.7	19.9	24.6
Residual Fuel Oil	1.6	4.5	4.9	2.8	0.5	4.3	2.3	7.6	4.5
Naphtha for Petrochemical Feedstock Use	0.3	2.8	0.8	0.0	0.0	1.8	0.0	0.0	1.1
Other Oils for Petrochemical Feedstock Use	0.9	2.1	2.3	0.0	0.0	2.0	0.2	0.3	1.1
Special Naphthas	0.9	0.3	0.1	4.2	0.0	0.3	0.0	0.1	0.3
Lubricants	0.2	1.6	1.4	14.3	0.0	1.7	0.0	0.9	1.2
Waxes	0.0	0.2	0.1	0.0	0.0	0.1	0.6	0.0	0.1
Petroleum Coke	1.6	5.9	5.6	2.3	1.2	5.3	3.0	5.9	4.9
Asphalt and Road Oil	3.5	0.7	1.0	24.7	6.2	1.5	8.4	2.4	3.3
Still Gas	4.1	4.0	3.8	3.2	2.2	3.9	4.1	5.8	4.2
Miscellaneous Products	0.3	0.5	0.6	0.0	0.0	0.5	0.4	0.3	0.4
Processing Gain(-) or Loss(+)[d]	-4.9	-7.5	-6.0	-1.2	-0.6	-6.5	-3.4	-6.4	-6.3

[a] Based on crude oil input and net reruns of unfinished oils.
[b] 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.
[c] Based on finished aviation gasoline output minus net input of aviation gasoline blending components.
[d] Represents the difference between input and production.
Notes: • 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 28 and 29.

Table 32. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, October 2001

(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 I	**1,419**	**2,193**	**2,885**	**6,497**
Delaware	0	0	207	207
Florida	0	241	478	719
Georgia	0	0	160	160
Maine	59	0	0	59
Maryland	0	802	0	802
Massachusetts	46	328	86	460
New Jersey	902	551	232	1,685
New York	412	154	168	734
North Carolina	0	86	149	235
Pennsylvania	0	0	820	820
South Carolina	0	31	120	151
Vermont	0	0	1	1
Virginia	0	0	464	464
PAD District II	**0**	**28**	**14**	**42**
Michigan	0	0	14	14
Minnesota	0	20	0	20
North Dakota	0	8	0	8
PAD District III	**592**	**791**	**0**	**1,383**
Louisiana	0	19	0	19
Texas	592	772	0	1,364
PAD District V	**210**	**22**	**0**	**232**
Hawaii	210	0	0	210
Washington	0	22	0	22
U.S. Total	**2,221**	**3,034**	**2,899**	**8,154**

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

Table 33. Imports of Crude Oil and Petroleum Products by PAD District, October 2001

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts						Daily Average
	I	II	III	IV	V	U.S. Total	
Crude Oil[a,b]	**43,328**	**41,265**	**168,215**	**6,324**	**22,243**	**281,375**	**9,077**
Natural Gas Liquids	**965**	**3,915**	**1,176**	**399**	**307**	**6,762**	**218**
Pentanes Plus	0	41	1,026	103	0	1,170	38
Liquefied Petroleum Gases	965	3,874	150	296	307	5,592	180
Ethane	0	0	120	0	0	120	4
Ethylene	0	13	0	0	0	13	(s)
Propane	804	3,323	30	175	89	4,421	143
Propylene	0	107	0	0	0	107	3
Normal Butane	105	429	0	121	218	873	28
Butylene	0	0	0	0	0	0	0
Isobutane	56	2	0	0	0	58	2
Isobutylene	0	0	0	0	0	0	0
Other Liquids	**8,037**	**0**	**4,932**	**0**	**2,861**	**15,830**	**511**
Other Hydrocarbons/Hydrogen/Oxygenates	820	0	0	0	1,453	2,273	73
Other Hydrocarbons/Hydrogen	132	0	0	0	0	132	4
Oxygenates	688	0	0	0	1,453	2,141	69
Fuel Ethanol	0	0	0	0	9	9	(s)
MTBE	688	0	0	0	1,444	2,132	69
Other Oxygenates[c]	0	0	0	0	0	0	0
Unfinished Oils[a]	438	0	4,650	0	899	5,987	193
Naphthas and Lighter	438	0	685	0	0	1,123	36
Kerosene and Light Gas Oils	0	0	0	0	0	0	0
Heavy Gas Oils	0	0	3,591	0	0	3,591	116
Residuum	0	0	374	0	899	1,273	41
Motor Gasoline Blending Components	6,779	0	282	0	509	7,570	244
Aviation Gasoline Blending Components	0	0	0	0	0	0	0
Finished Petroleum Products	**27,155**	**477**	**10,682**	**279**	**3,066**	**41,659**	**1,344**
Finished Motor Gasoline	11,555	34	0	11	1,318	12,918	417
Reformulated	6,045	0	0	0	913	6,958	224
Oxygenated	0	0	0	0	0	0	0
Other	5,510	34	0	11	405	5,960	192
Finished Aviation Gasoline	0	0	0	18	0	18	1
Jet Fuel	711	0	0	4	917	1,632	53
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	711	0	0	4	917	1,632	53
Bonded Aircraft Fuel	0	0	0	0	815	815	26
Other	711	0	0	4	102	817	26
Kerosene	41	0	0	0	0	41	1
Distillate Fuel Oil	6,754	211	944	231	587	8,727	282
Bonded Ship Bunkers	0	0	0	0	109	109	4
0.05 percent sulfur and under	0	0	0	0	109	109	4
Greater than 0.05 percent sulfur	0	0	0	0	0	0	0
Other	6,754	211	944	231	478	8,618	278
0.05 percent sulfur and under	1,806	128	944	222	478	3,578	115
Greater than 0.05 percent sulfur	4,948	83	0	9	0	5,040	163
Residual Fuel Oil	6,497	42	1,383	0	232	8,154	263
Bonded Ship Bunkers	0	0	0	0	0	0	0
Less than 0.31 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	0	0	0	0	0	0
Other	6,497	42	1,383	0	232	8,154	263
Less than 0.31 percent sulfur	1,419	0	592	0	210	2,221	72
0.31 to 1.00 percent sulfur	2,193	28	791	0	22	3,034	98
Greater than 1.00 percent sulfur	2,885	14	0	0	0	2,899	94
Naphtha for Petrochemical Feedstock Use	100	42	3,858	0	0	4,000	129
Other Oils for Petrochemical Feedstock Use	0	0	4,410	0	0	4,410	142
Special Naphthas	380	59	71	0	0	510	16
Lubricants	98	38	0	0	0	136	4
Waxes	46	10	5	0	12	73	2
Petroleum Coke	0	0	0	0	0	0	0
Asphalt and Road Oil	973	40	0	15	0	1,028	33
Miscellaneous Products	0	1	11	0	0	12	(s)
Total	**79,485**	**45,657**	**185,005**	**7,002**	**28,477**	**345,626**	**11,149**

[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).
(s) = Less than 500 barrels per day.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 34. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-October 2001

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts						Daily Average
	I	II	III	IV	V	U.S. Total	
Crude Oil[a,b]	**441,018**	**453,294**	**1,623,271**	**56,266**	**217,403**	**2,791,252**	**9,182**
Natural Gas Liquids	**11,444**	**26,848**	**26,838**	**3,823**	**1,639**	**70,592**	**232**
Pentanes Plus	0	466	9,586	1,097	0	11,149	37
Liquefied Petroleum Gases	11,444	26,382	17,252	2,726	1,639	59,443	196
Ethane	0	77	1,200	0	0	1,277	4
Ethylene	0	121	0	0	0	121	(s)
Propane	10,163	21,862	3,503	1,867	891	38,286	126
Propylene	0	1,610	0	0	0	1,610	5
Normal Butane	1,167	2,467	8,068	819	726	13,247	44
Butylene	11	16	0	0	0	27	(s)
Isobutane	103	229	4,481	40	22	4,875	16
Isobutylene	0	0	0	0	0	0	0
Other Liquids	**90,626**	**715**	**64,579**	**0**	**31,834**	**187,754**	**618**
Other Hydrocarbons/Hydrogen/Oxygenates	5,084	30	173	0	18,974	24,261	80
Other Hydrocarbons/Hydrogen	210	0	35	0	0	245	1
Oxygenates	4,874	30	138	0	18,974	24,016	79
Fuel Ethanol	0	30	0	0	256	286	1
MTBE	4,445	0	105	0	18,718	23,268	77
Other Oxygenates[c]	429	0	33	0	0	462	2
Unfinished Oils[a]	9,446	336	54,432	0	9,520	73,734	243
Naphthas and Lighter	3,260	2	5,742	0	0	9,004	30
Kerosene and Light Gas Oils	62	0	0	0	9	71	(s)
Heavy Gas Oils	6,124	334	43,828	0	1,553	51,839	171
Residuum	0	0	4,862	0	7,958	12,820	42
Motor Gasoline Blending Components	76,096	349	9,974	0	3,340	89,759	295
Aviation Gasoline Blending Components	0	0	0	0	0	0	0
Finished Petroleum Products	**354,708**	**4,589**	**110,479**	**2,178**	**39,388**	**511,342**	**1,682**
Finished Motor Gasoline	126,751	718	1,609	94	6,128	135,300	445
Reformulated	62,697	0	240	0	1,308	64,245	211
Oxygenated	19	0	0	0	432	451	1
Other	64,035	718	1,369	94	4,388	70,604	232
Finished Aviation Gasoline	1	29	0	121	412	563	2
Jet Fuel	23,002	0	211	8	24,234	47,455	156
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	23,002	0	211	8	24,234	47,455	156
Bonded Aircraft Fuel	8,316	0	0	0	15,073	23,389	77
Other	14,686	0	211	8	9,161	24,066	79
Kerosene	1,630	0	0	0	25	1,655	5
Distillate Fuel Oil	99,578	1,304	8,595	1,745	4,383	115,605	380
Bonded Ship Bunkers	0	0	0	17	785	802	3
0.05 percent sulfur and under	0	0	0	17	785	802	3
Greater than 0.05 percent sulfur	0	0	0	0	0	0	0
Other	99,578	1,304	8,595	1,728	3,598	114,803	378
0.05 percent sulfur and under	34,296	987	1,433	1,656	2,942	41,314	136
Greater than 0.05 percent sulfur	65,282	317	7,162	72	656	73,489	242
Residual Fuel Oil	90,262	940	27,486	0	3,154	121,842	401
Bonded Ship Bunkers	0	0	0	0	0	0	0
Less than 0.31 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	0	0	0	0	0	0
Other	90,262	940	27,486	0	3,154	121,842	401
Less than 0.31 percent sulfur	26,457	309	13,842	0	582	41,190	135
0.31 to 1.00 percent sulfur	23,082	83	10,746	0	310	34,221	113
Greater than 1.00 percent sulfur	40,723	548	2,898	0	2,262	46,431	153
Naphtha for Petrochemical Feedstock Use	1,122	405	26,592	0	413	28,532	94
Other Oils for Petrochemical Feedstock Use	452	3	44,234	0	0	44,689	147
Special Naphthas	1,712	379	1,101	0	327	3,519	12
Lubricants	2,004	438	78	0	0	2,520	8
Waxes	400	73	68	0	216	757	2
Petroleum Coke	0	0	0	0	70	70	(s)
Asphalt and Road Oil	7,794	292	395	189	0	8,670	29
Miscellaneous Products	0	8	110	21	26	165	1
Total	**897,796**	**485,446**	**1,825,167**	**62,267**	**290,264**	**3,560,940**	**11,714**

[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).
(s) = Less than 500 barrels per day.
Note: Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 35. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin,[a] October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**86,375**	**524**	**1,492**	**312**	**0**	**0**	**0**	**1,314**	**0**	**0**
Algeria	0	524	1,492	0	0	0	0	1,314	0	0
Iraq	36,158	0	0	0	0	0	0	0	0	0
Kuwait	6,839	0	0	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	42,892	0	0	312	0	0	0	0	0	0
United Arab Emirates	486	0	0	0	0	0	0	0	0	0
Other OPEC	**63,270**	**0**	**300**	**654**	**2,316**	**149**	**1,713**	**1,075**	**0**	**110**
Indonesia	892	0	0	0	0	0	110	210	0	0
Nigeria	23,412	0	0	194	0	0	291	309	0	110
Venezuela	38,966	0	300	460	2,316	149	1,312	556	0	0
Non OPEC	**131,730**	**5,068**	**4,195**	**6,604**	**10,602**	**1,483**	**7,014**	**5,765**	**41**	**400**
Angola	6,896	0	235	0	0	0	376	0	0	0
Argentina	1,754	0	0	656	0	0	0	160	0	0
Australia	650	0	0	0	281	0	0	0	0	0
Bahamas	0	0	0	0	0	0	0	799	0	0
Belgium	0	0	618	0	1,153	0	823	0	0	71
Brazil	994	0	0	170	731	0	0	570	0	35
Brunei	598	0	0	0	0	0	0	0	0	0
Canada	39,780	5,012	48	968	2,407	7	2,145	526	41	105
China, People's Republic of	664	0	0	0	0	0	0	0	0	0
Colombia	6,947	0	0	228	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	205	0	0
Ecuador	5,531	0	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	221	0	0	0	0	0
France	0	0	441	202	0	0	107	0	0	0
Gabon	4,217	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	0	0	0	0	0	709	0	0
Guatemala	645	0	0	0	0	0	0	0	0	0
Italy	0	0	0	559	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0
Korea, Republic of	0	0	0	0	176	599	0	0	0	0
Malaysia	1,060	0	121	0	0	43	598	0	0	0
Mexico	43,379	0	37	192	0	0	0	0	0	0
Netherlands	0	0	0	747	622	0	0	100	0	71
Netherlands Antilles	0	0	1,062	100	0	80	10	322	0	0
Norway	6,545	56	0	0	311	0	0	464	0	0
Panama	0	0	0	52	0	0	0	0	0	0
Peru	380	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	39	0	0	0	0	0	0
Russia	0	0	374	59	0	0	0	611	0	0
Singapore	0	0	53	0	322	123	88	0	0	0
Spain	0	0	389	256	0	0	0	0	0	37
Thailand	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	1,195	0	0	198	0	0	0	0	0	0
United Kingdom	8,229	0	379	1,753	486	0	0	480	0	0
Virgin Islands, U.S.	0	0	0	0	3,892	631	2,867	819	0	0
Other	2,266	0	438	425	0	0	0	0	0	81
Total	**281,375**	**5,592**	**5,987**	**7,570**	**12,918**	**1,632**	**8,727**	**8,154**	**41**	**510**
Persian Gulf[e]	**86,375**	**0**	**0**	**312**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 35. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin,[a] October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**913**	**3,503**	**0**	**0**	**1,966**	**10,024**	**96,399**	**2,786**	**323**	**3,110**
Algeria	474	3,503	0	0	1,026	8,333	8,333	0	269	269
Iraq	0	0	0	0	0	0	36,158	1,166	0	1,166
Kuwait	0	0	0	0	0	0	6,839	221	0	221
Qatar	0	0	0	0	188	188	188	0	6	6
Saudi Arabia	439	0	0	0	752	1,503	44,395	1,384	48	1,432
United Arab Emirates	0	0	0	0	0	0	486	16	0	16
Other OPEC	**599**	**0**	**0**	**595**	**419**	**7,930**	**71,200**	**2,041**	**256**	**2,297**
Indonesia	0	0	0	0	6	326	1,218	29	11	39
Nigeria	1	0	0	0	0	905	24,317	755	29	784
Venezuela	598	0	0	595	413	6,699	45,665	1,257	216	1,473
Non OPEC	**2,488**	**907**	**136**	**433**	**1,161**	**46,297**	**178,027**	**4,249**	**1,493**	**5,743**
Angola	0	0	0	0	0	611	7,507	222	20	242
Argentina	562	0	0	0	0	1,378	3,132	57	44	101
Australia	0	0	0	0	0	281	931	21	9	30
Bahamas	0	0	0	0	0	799	799	0	26	26
Belgium	0	0	0	0	0	2,665	2,665	0	86	86
Brazil	0	0	0	0	109	1,615	2,609	32	52	84
Brunei	0	0	0	0	0	0	598	19	0	19
Canada	254	0	136	335	836	12,820	52,600	1,283	414	1,697
China, People's Republic of	0	0	0	0	0	0	664	21	0	21
Colombia	0	0	0	0	0	228	7,175	224	7	231
Denmark	0	0	0	0	0	205	205	0	7	7
Ecuador	184	0	0	0	0	184	5,715	178	6	184
Egypt	0	0	0	0	0	221	221	0	7	7
France	0	0	0	0	0	750	750	0	24	24
Gabon	0	0	0	0	0	0	4,217	136	0	136
Germany, FR	0	0	0	0	2	711	711	0	23	23
Guatemala	0	0	0	0	0	0	645	21	0	21
Italy	0	0	0	0	0	559	559	0	18	18
Japan	0	0	0	0	7	7	7	0	(s)	(s)
Korea, Republic of	0	0	0	0	0	775	775	0	25	25
Malaysia	0	0	0	0	0	762	1,822	34	25	59
Mexico	767	0	0	0	4	1,000	44,379	1,399	32	1,432
Netherlands	11	0	0	0	0	1,551	1,551	0	50	50
Netherlands Antilles	284	0	0	98	0	1,956	1,956	0	63	63
Norway	195	445	0	0	0	1,471	8,016	211	47	259
Panama	0	0	0	0	0	52	52	0	2	2
Peru	0	0	0	0	0	0	380	12	0	12
Portugal	0	0	0	0	132	171	171	0	6	6
Russia	0	0	0	0	0	1,044	1,044	0	34	34
Singapore	0	0	0	0	0	586	586	0	19	19
Spain	0	0	0	0	0	682	682	0	22	22
Thailand	0	0	0	0	12	12	12	0	(s)	(s)
Trinidad and Tobago	0	0	0	0	0	198	1,393	39	6	45
United Kingdom	0	0	0	0	0	3,098	11,327	265	100	365
Virgin Islands, U.S.	0	0	0	0	0	8,209	8,209	0	265	265
Other	231	462	0	0	59	1,696	3,962	73	55	128
Total	**4,000**	**4,410**	**136**	**1,028**	**3,546**	**64,251**	**345,626**	**9,077**	**2,073**	**11,149**
Persian Gulf[e]	**439**	**0**	**0**	**0**	**940**	**1,691**	**88,066**	**2,786**	**55**	**2,841**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
Note: Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 36. PAD District I—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**5,633**	**524**	**0**	**0**	**0**	**0**	**0**	**1,314**	**0**	**0**
Algeria	0	524	0	0	0	0	0	1,314	0	0
Iraq	1,472	0	0	0	0	0	0	0	0	0
Qatar	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	4,161	0	0	0	0	0	0	0	0	0
Other OPEC	**13,530**	**0**	**0**	**654**	**2,316**	**0**	**1,713**	**795**	**0**	**110**
Indonesia	0	0	0	0	0	0	110	0	0	0
Nigeria	9,390	0	0	194	0	0	291	239	0	110
Venezuela	4,140	0	0	460	2,316	0	1,312	556	0	0
Non OPEC	**24,165**	**441**	**438**	**6,125**	**9,239**	**711**	**5,041**	**4,388**	**41**	**270**
Angola	6,059	0	0	0	0	0	376	0	0	0
Argentina	838	0	0	656	0	0	0	160	0	0
Bahamas	0	0	0	0	0	0	0	799	0	0
Belgium	0	0	0	0	1,153	0	0	0	0	71
Brazil	0	0	0	170	731	0	0	570	0	35
Canada	3,412	385	0	771	2,354	0	1,681	462	41	46
Colombia	577	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	205	0	0
Ecuador	743	0	0	0	0	0	0	0	0	0
France	0	0	0	202	0	0	107	0	0	0
Gabon	3,272	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	0	0	0	0	0	364	0	0
Italy	0	0	0	559	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0
Mexico	1,291	0	0	192	0	0	0	0	0	0
Netherlands	0	0	0	747	312	0	0	100	0	0
Netherlands Antilles	0	0	0	100	0	80	10	322	0	0
Norway	3,727	56	0	0	311	0	0	464	0	0
Portugal	0	0	0	39	0	0	0	0	0	0
Russia	0	0	0	59	0	0	0	0	0	0
Spain	0	0	0	256	0	0	0	0	0	37
Trinidad and Tobago	0	0	0	198	0	0	0	0	0	0
United Kingdom	4,246	0	0	1,751	486	0	0	123	0	0
Virgin Islands, U.S.	0	0	0	0	3,892	631	2,867	819	0	0
Other	0	0	438	425	0	0	0	0	0	81
Total	**43,328**	**965**	**438**	**6,779**	**11,555**	**711**	**6,754**	**6,497**	**41**	**380**
Persian Gulf[e]	**5,633**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 36. PAD District I—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**0**	**0**	**0**	**0**	**350**	**2,188**	**7,821**	**182**	**71**	**252**
Algeria	0	0	0	0	0	1,838	1,838	0	59	59
Iraq	0	0	0	0	0	0	1,472	47	0	47
Qatar	0	0	0	0	188	188	188	0	6	6
Saudi Arabia	0	0	0	0	162	162	4,323	134	5	139
Other OPEC	**1**	**0**	**0**	**595**	**229**	**6,413**	**19,943**	**436**	**207**	**643**
Indonesia	0	0	0	0	0	110	110	0	4	4
Nigeria	1	0	0	0	0	835	10,225	303	27	330
Venezuela	0	0	0	595	229	5,468	9,608	134	176	310
Non OPEC	**99**	**0**	**98**	**378**	**287**	**27,556**	**51,721**	**780**	**889**	**1,668**
Angola	0	0	0	0	0	376	6,435	195	12	208
Argentina	0	0	0	0	0	816	1,654	27	26	53
Bahamas	0	0	0	0	0	799	799	0	26	26
Belgium	0	0	0	0	0	1,224	1,224	0	39	39
Brazil	0	0	0	0	109	1,615	1,615	0	52	52
Canada	4	0	98	280	36	6,158	9,570	110	199	309
Colombia	0	0	0	0	0	0	577	19	0	19
Denmark	0	0	0	0	0	205	205	0	7	7
Ecuador	0	0	0	0	0	0	743	24	0	24
France	0	0	0	0	0	309	309	0	10	10
Gabon	0	0	0	0	0	0	3,272	106	0	106
Germany, FR	0	0	0	0	2	366	366	0	12	12
Italy	0	0	0	0	0	559	559	0	18	18
Japan	0	0	0	0	2	2	2	0	(s)	(s)
Mexico	0	0	0	0	0	192	1,483	42	6	48
Netherlands	0	0	0	0	0	1,159	1,159	0	37	37
Netherlands Antilles	0	0	0	98	0	610	610	0	20	20
Norway	0	0	0	0	0	831	4,558	120	27	147
Portugal	0	0	0	0	132	171	171	0	6	6
Russia	0	0	0	0	0	59	59	0	2	2
Spain	0	0	0	0	0	293	293	0	9	9
Trinidad and Tobago	0	0	0	0	0	198	198	0	6	6
United Kingdom	0	0	0	0	0	2,360	6,606	137	76	213
Virgin Islands, U.S.	0	0	0	0	0	8,209	8,209	0	265	265
Other	95	0	0	0	6	1,045	1,045	0	34	34
Total	**100**	**0**	**98**	**973**	**866**	**36,157**	**79,485**	**1,398**	**1,166**	**2,564**
Persian Gulf[e]	**0**	**0**	**0**	**0**	**350**	**350**	**5,983**	**182**	**11**	**193**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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. PAD District II—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**7,942**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Iraq	3,060	0	0	0	0	0	0	0	0	0
Kuwait	404	0	0	0	0	0	0	0	0	0
Saudi Arabia	4,478	0	0	0	0	0	0	0	0	0
Other OPEC	**3,210**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nigeria	2,214	0	0	0	0	0	0	0	0	0
Venezuela	996	0	0	0	0	0	0	0	0	0
Non OPEC	**30,113**	**3,874**	**0**	**0**	**34**	**0**	**211**	**42**	**0**	**59**
Angola	383	0	0	0	0	0	0	0	0	0
Canada	27,317	3,874	0	0	34	0	211	42	0	59
Colombia	548	0	0	0	0	0	0	0	0	0
Ecuador	749	0	0	0	0	0	0	0	0	0
Norway	598	0	0	0	0	0	0	0	0	0
United Kingdom	518	0	0	0	0	0	0	0	0	0
Total	**41,265**	**3,874**	**0**	**0**	**34**	**0**	**211**	**42**	**0**	**59**
Persian Gulf[e]	**7,942**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 37. PAD District II—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**0**	**0**	**0**	**0**	**0**	**0**	**7,942**	**256**	**0**	**256**
Iraq	0	0	0	0	0	0	3,060	99	0	99
Kuwait	0	0	0	0	0	0	404	13	0	13
Saudi Arabia	0	0	0	0	0	0	4,478	144	0	144
Other OPEC	**0**	**0**	**0**	**0**	**0**	**0**	**3,210**	**104**	**0**	**104**
Nigeria	0	0	0	0	0	0	2,214	71	0	71
Venezuela	0	0	0	0	0	0	996	32	0	32
Non OPEC	**42**	**0**	**38**	**40**	**52**	**4,392**	**34,505**	**971**	**142**	**1,113**
Angola	0	0	0	0	0	0	383	12	0	12
Canada	42	0	38	40	52	4,392	31,709	881	142	1,023
Colombia	0	0	0	0	0	0	548	18	0	18
Ecuador	0	0	0	0	0	0	749	24	0	24
Norway	0	0	0	0	0	0	598	19	0	19
United Kingdom	0	0	0	0	0	0	518	17	0	17
Total	**42**	**0**	**38**	**40**	**52**	**4,392**	**45,657**	**1,331**	**142**	**1,473**
Persian Gulf[e]	**0**	**0**	**0**	**0**	**0**	**0**	**7,942**	**256**	**0**	**256**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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. PAD District III—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**63,907**	**0**	**767**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Algeria	0	0	767	0	0	0	0	0	0	0
Iraq	24,720	0	0	0	0	0	0	0	0	0
Kuwait	6,435	0	0	0	0	0	0	0	0	0
Saudi Arabia	32,752	0	0	0	0	0	0	0	0	0
Other OPEC	**44,953**	**0**	**300**	**0**	**0**	**0**	**0**	**70**	**0**	**0**
Indonesia	0	0	0	0	0	0	0	0	0	0
Nigeria	11,808	0	0	0	0	0	0	70	0	0
Venezuela	33,145	0	300	0	0	0	0	0	0	0
Non OPEC	**59,355**	**150**	**3,583**	**282**	**0**	**0**	**944**	**1,313**	**0**	**71**
Angola	454	0	235	0	0	0	0	0	0	0
Argentina	503	0	0	0	0	0	0	0	0	0
Belgium	0	0	618	0	0	0	823	0	0	0
Brazil	994	0	0	0	0	0	0	0	0	0
Brunei	598	0	0	0	0	0	0	0	0	0
Canada	0	150	48	0	0	0	0	0	0	0
Colombia	5,822	0	0	228	0	0	0	0	0	0
Ecuador	738	0	0	0	0	0	0	0	0	0
France	0	0	441	0	0	0	0	0	0	0
Gabon	945	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	0	0	0	0	0	345	0	0
Guatemala	645	0	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0
Malaysia	642	0	0	0	0	0	121	0	0	0
Mexico	40,137	0	37	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0	0	71
Netherlands Antilles	0	0	1,062	0	0	0	0	0	0	0
Norway	2,220	0	0	0	0	0	0	0	0	0
Panama	0	0	0	52	0	0	0	0	0	0
Russia	0	0	374	0	0	0	0	611	0	0
Spain	0	0	389	0	0	0	0	0	0	0
Trinidad and Tobago	1,195	0	0	0	0	0	0	0	0	0
United Kingdom	3,465	0	379	2	0	0	0	357	0	0
Other	997	0	0	0	0	0	0	0	0	0
Total	**168,215**	**150**	**4,650**	**282**	**0**	**0**	**944**	**1,383**	**0**	**71**
Persian Gulf[e]	**63,907**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 38. PAD District III—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**913**	**3,503**	**0**	**0**	**1,026**	**6,209**	**70,116**	**2,062**	**200**	**2,262**
Algeria	474	3,503	0	0	1,026	5,770	5,770	0	186	186
Iraq	0	0	0	0	0	0	24,720	797	0	797
Kuwait	0	0	0	0	0	0	6,435	208	0	208
Saudi Arabia	439	0	0	0	0	439	33,191	1,057	14	1,071
Other OPEC	**598**	**0**	**0**	**0**	**6**	**974**	**45,927**	**1,450**	**31**	**1,482**
Indonesia	0	0	0	0	6	6	6	0	(s)	(s)
Nigeria	0	0	0	0	0	70	11,878	381	2	383
Venezuela	598	0	0	0	0	898	34,043	1,069	29	1,098
Non OPEC	**2,347**	**907**	**0**	**0**	**10**	**9,607**	**68,962**	**1,915**	**310**	**2,225**
Angola	0	0	0	0	0	235	689	15	8	22
Argentina	562	0	0	0	0	562	1,065	16	18	34
Belgium	0	0	0	0	0	1,441	1,441	0	46	46
Brazil	0	0	0	0	0	0	994	32	0	32
Brunei	0	0	0	0	0	0	598	19	0	19
Canada	208	0	0	0	0	406	406	0	13	13
Colombia	0	0	0	0	0	228	6,050	188	7	195
Ecuador	184	0	0	0	0	184	922	24	6	30
France	0	0	0	0	0	441	441	0	14	14
Gabon	0	0	0	0	0	0	945	30	0	30
Germany, FR	0	0	0	0	0	345	345	0	11	11
Guatemala	0	0	0	0	0	0	645	21	0	21
Japan	0	0	0	0	5	5	5	0	(s)	(s)
Malaysia	0	0	0	0	0	121	763	21	4	25
Mexico	767	0	0	0	4	808	40,945	1,295	26	1,321
Netherlands	11	0	0	0	0	82	82	0	3	3
Netherlands Antilles	284	0	0	0	0	1,346	1,346	0	43	43
Norway	195	445	0	0	0	640	2,860	72	21	92
Panama	0	0	0	0	0	52	52	0	2	2
Russia	0	0	0	0	0	985	985	0	32	32
Spain	0	0	0	0	0	389	389	0	13	13
Trinidad and Tobago	0	0	0	0	0	0	1,195	39	0	39
United Kingdom	0	0	0	0	0	738	4,203	112	24	136
Other	136	462	0	0	1	599	1,596	32	19	51
Total	**3,858**	**4,410**	**0**	**0**	**1,042**	**16,790**	**185,005**	**5,426**	**542**	**5,968**
Persian Gulf[e]	**439**	**0**	**0**	**0**	**0**	**439**	**64,346**	**2,062**	**14**	**2,076**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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 Districts IV and V—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Components	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
PAD District IV										
Non OPEC	**6,324**	**296**	**0**	**0**	**11**	**4**	**231**	**0**	**0**	**0**
Canada	6,324	296	0	0	11	4	231	0	0	0
Total	**6,324**	**296**	**0**	**0**	**11**	**4**	**231**	**0**	**0**	**0**
PAD District V										
Arab OPEC	**8,893**	**0**	**725**	**312**	**0**	**0**	**0**	**0**	**0**	**0**
Algeria	0	0	725	0	0	0	0	0	0	0
Iraq	6,906	0	0	0	0	0	0	0	0	0
Saudi Arabia	1,501	0	0	312	0	0	0	0	0	0
United Arab Emirates	486	0	0	0	0	0	0	0	0	0
Other OPEC	**1,577**	**0**	**0**	**0**	**0**	**149**	**0**	**210**	**0**	**0**
Indonesia	892	0	0	0	0	0	0	210	0	0
Venezuela	685	0	0	0	0	149	0	0	0	0
Non OPEC	**11,773**	**307**	**174**	**197**	**1,318**	**768**	**587**	**22**	**0**	**0**
Argentina	413	0	0	0	0	0	0	0	0	0
Australia	650	0	0	0	281	0	0	0	0	0
Canada	2,727	307	0	197	8	3	22	22	0	0
China, People's Republic of	664	0	0	0	0	0	0	0	0	0
Ecuador	3,301	0	0	0	0	0	0	0	0	0
Egypt	0	0	0	0	221	0	0	0	0	0
Korea, Republic of	0	0	0	0	176	599	0	0	0	0
Malaysia	418	0	121	0	0	43	477	0	0	0
Mexico	1,951	0	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	310	0	0	0	0	0
Peru	380	0	0	0	0	0	0	0	0	0
Singapore	0	0	53	0	322	123	88	0	0	0
Thailand	0	0	0	0	0	0	0	0	0	0
Other	1,269	0	0	0	0	0	0	0	0	0
Total	**22,243**	**307**	**899**	**509**	**1,318**	**917**	**587**	**232**	**0**	**0**
Persian Gulf[e]	**8,893**	**0**	**0**	**312**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 39. PAD Districts IV and V—Imports of Crude Oil and Petroleum Products by Country of Origin,[a] October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District IV										
Non OPEC	**0**	**0**	**0**	**15**	**121**	**678**	**7,002**	**204**	**22**	**226**
Canada	0	0	0	15	121	678	7,002	204	22	226
Total	**0**	**0**	**0**	**15**	**121**	**678**	**7,002**	**204**	**22**	**226**
PAD District V										
Arab OPEC	**0**	**0**	**0**	**0**	**590**	**1,627**	**10,520**	**287**	**52**	**339**
Algeria	0	0	0	0	0	725	725	0	23	23
Iraq	0	0	0	0	0	0	6,906	223	0	223
Saudi Arabia	0	0	0	0	590	902	2,403	48	29	78
United Arab Emirates	0	0	0	0	0	0	486	16	0	16
Other OPEC	**0**	**0**	**0**	**0**	**184**	**543**	**2,120**	**51**	**18**	**68**
Indonesia	0	0	0	0	0	210	1,102	29	7	36
Venezuela	0	0	0	0	184	333	1,018	22	11	33
Non OPEC	**0**	**0**	**0**	**0**	**691**	**4,064**	**15,837**	**380**	**131**	**511**
Argentina	0	0	0	0	0	0	413	13	0	13
Australia	0	0	0	0	0	281	931	21	9	30
Canada	0	0	0	0	627	1,186	3,913	88	38	126
China, People's Republic of	0	0	0	0	0	0	664	21	0	21
Ecuador	0	0	0	0	0	0	3,301	106	0	106
Egypt	0	0	0	0	0	221	221	0	7	7
Korea, Republic of	0	0	0	0	0	775	775	0	25	25
Malaysia	0	0	0	0	0	641	1,059	13	21	34
Mexico	0	0	0	0	0	0	1,951	63	0	63
Netherlands	0	0	0	0	0	310	310	0	10	10
Peru	0	0	0	0	0	0	380	12	0	12
Singapore	0	0	0	0	0	586	586	0	19	19
Thailand	0	0	0	0	12	12	12	0	(s)	(s)
Other	0	0	0	0	52	52	1,321	41	2	43
Total	**0**	**0**	**0**	**0**	**1,465**	**6,234**	**28,477**	**718**	**201**	**919**
Persian Gulf[e]	**0**	**0**	**0**	**0**	**590**	**902**	**9,795**	**287**	**29**	**316**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin,[a] January-October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**808,218**	**13,041**	**6,023**	**2,362**	**1,203**	**6,396**	**3,348**	**18,002**	**977**	**0**
Algeria	2,855	10,075	5,949	335	21	198	2,067	17,006	434	0
Iraq	222,447	0	0	0	0	0	0	0	0	0
Kuwait	74,763	464	0	0	0	3,109	0	0	0	0
Qatar	69	0	0	165	0	0	0	0	0	0
Saudi Arabia	500,282	2,502	74	1,859	391	1,654	684	996	0	0
United Arab Emirates	7,802	0	0	3	791	1,435	597	0	543	0
Other OPEC	**669,232**	**3,240**	**7,158**	**7,094**	**17,435**	**7,721**	**15,005**	**24,494**	**0**	**215**
Indonesia	12,746	0	97	0	0	0	214	2,665	0	0
Nigeria	258,804	3,002	633	696	0	20	706	7,220	0	215
Venezuela	397,682	238	6,428	6,398	17,435	7,701	14,085	14,609	0	0
Non OPEC	**1,313,802**	**43,162**	**60,553**	**80,303**	**116,662**	**33,338**	**97,252**	**79,346**	**678**	**3,304**
Angola	98,405	0	235	0	0	0	752	1,427	0	0
Argentina	14,860	0	896	4,896	3,304	0	730	492	0	0
Australia	10,974	0	0	0	281	520	184	0	0	0
Bahamas	0	0	0	429	0	0	0	2,312	0	0
Belgium	0	0	7,197	3,938	5,049	0	1,059	1,047	0	286
Brazil	4,667	0	620	2,755	6,943	0	1,832	7,379	0	235
Brunei	7,107	0	0	0	0	0	0	0	0	0
Cameroon	949	0	0	0	0	0	546	342	0	0
Canada	397,277	37,717	1,474	8,370	35,198	675	30,187	10,285	542	940
China, People's Republic of	4,684	0	0	2,926	420	0	0	0	0	55
Colombia	74,664	0	979	3,049	0	1,316	638	4,476	0	96
Congo (Brazzaville)	11,825	137	377	0	0	0	1,256	171	0	0
Congo (Kinshasa)[d]	345	0	0	0	0	0	0	0	0	0
Denmark	0	0	289	10	0	0	0	1,236	0	0
Ecuador	33,899	0	0	176	0	0	0	1,115	0	159
Egypt	0	0	0	367	634	0	0	689	0	0
France	0	35	3,584	3,338	3,294	0	706	1,205	0	329
Gabon	40,937	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	1,222	1,685	935	0	1,103	7,540	0	0
Greece	0	0	40	528	0	195	0	0	0	0
Guatemala	4,991	0	0	0	0	0	0	0	0	0
India	0	0	253	1,669	431	308	1,554	244	0	0
Ireland	0	0	196	7	0	0	329	234	0	0
Italy	0	0	1,836	5,109	3,438	124	1,256	323	0	132
Ivory Coast	986	0	350	0	0	0	204	0	0	0
Japan	0	0	0	43	203	2,519	0	171	0	0
Korea, Republic of	0	0	0	996	2,382	9,886	1,646	0	0	392
Malaysia	4,712	0	2,164	0	0	1,009	2,150	0	25	0
Mexico	404,540	0	340	1,998	0	727	101	0	0	0
Netherlands	0	0	955	2,834	4,435	0	944	2,934	0	198
Netherlands Antilles	0	0	10,409	407	376	4,856	3,956	3,425	0	0
Norway	86,100	2,890	4,190	20	3,879	0	0	2,201	0	0
Oman	5,920	0	0	0	0	0	0	0	0	0
Panama	0	0	0	52	0	0	0	290	0	0
Peru	1,766	0	451	515	0	0	330	844	0	0
Portugal	0	0	0	1,162	1,734	0	0	327	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	276	0	0	486	0	0	0
Russia	0	0	5,425	7,152	968	0	10,905	6,295	0	61
Singapore	0	0	1,837	1,403	611	1,187	164	0	0	0
Spain	0	74	799	4,885	2,079	0	437	307	0	37
Sweden	0	475	3,020	238	0	0	1,059	1,677	0	0
Syria	0	0	688	0	0	0	0	222	0	0
Thailand	1,370	0	0	0	0	892	0	0	0	21
Trinidad and Tobago	14,758	0	1,314	1,529	481	430	321	2,493	0	0
Tunisia	0	0	0	0	0	0	1,077	260	0	0
Turkey	0	0	825	0	0	0	301	247	0	0
United Kingdom	67,724	1,834	3,191	8,447	5,205	0	1,239	4,307	0	0
Virgin Islands, U.S.	0	0	4,095	213	31,558	7,640	26,685	10,883	111	232
Yemen	8,702	0	0	0	0	485	0	0	0	0
Other	11,640	0	1,302	8,881	2,824	569	3,115	1,946	0	131
Total	**2,791,252**	**59,443**	**73,734**	**89,759**	**135,300**	**47,455**	**115,605**	**121,842**	**1,655**	**3,519**
Persian Gulf[e]	**805,363**	**2,966**	**239**	**2,027**	**1,182**	**6,204**	**1,281**	**996**	**543**	**0**

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin,[a] January-October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**4,215**	**33,940**	**0**	**0**	**19,086**	**108,593**	**916,811**	**2,659**	**357**	**3,016**
Algeria	2,397	31,136	0	0	8,506	78,124	80,979	9	257	266
Iraq	0	0	0	0	0	0	222,447	732	0	732
Kuwait	0	0	0	0	0	3,573	78,336	246	12	258
Qatar	0	1,828	0	0	2,232	4,225	4,294	(s)	14	14
Saudi Arabia	1,105	227	0	0	6,263	15,755	516,037	1,646	52	1,697
United Arab Emirates	713	749	0	0	2,085	6,916	14,718	26	23	48
Other OPEC	**2,590**	**1,041**	**0**	**5,651**	**3,672**	**95,316**	**764,548**	**2,201**	**314**	**2,515**
Indonesia	0	314	0	0	10	3,300	16,046	42	11	53
Nigeria	272	0	0	0	145	12,909	271,713	851	42	894
Venezuela	2,318	727	0	5,651	3,517	79,107	476,789	1,308	260	1,568
Non OPEC	**21,727**	**9,708**	**2,520**	**3,019**	**14,207**	**565,779**	**1,879,581**	**4,322**	**1,861**	**6,183**
Angola	0	0	0	0	0	2,414	100,819	324	8	332
Argentina	1,615	0	0	0	0	11,933	26,793	49	39	88
Australia	0	1,946	0	0	0	2,931	13,905	36	10	46
Bahamas	0	0	0	0	0	2,741	2,741	0	9	9
Belgium	360	0	0	0	25	18,961	18,961	0	62	62
Brazil	105	0	0	0	920	20,789	25,456	15	68	84
Brunei	0	0	0	0	0	0	7,107	23	0	23
Cameroon	0	0	0	0	0	888	1,837	3	3	6
Canada	1,161	926	1,389	2,603	8,022	139,489	536,766	1,307	459	1,766
China, People's Republic of	0	0	0	0	220	3,621	8,305	15	12	27
Colombia	0	0	0	0	0	10,554	85,218	246	35	280
Congo (Brazzaville)	0	0	0	0	0	1,941	13,766	39	6	45
Congo (Kinshasa)[d]	0	0	0	0	0	0	345	1	0	1
Denmark	0	0	0	0	0	1,535	1,535	0	5	5
Ecuador	301	0	0	0	0	1,751	35,650	112	6	117
Egypt	594	0	0	0	0	2,284	2,284	0	8	8
France	280	399	0	0	80	13,250	13,250	0	44	44
Gabon	0	0	0	0	0	0	40,937	135	0	135
Germany, FR	0	0	0	0	40	12,525	12,525	0	41	41
Greece	253	0	0	0	0	1,016	1,016	0	3	3
Guatemala	0	0	0	0	0	0	4,991	16	0	16
India	0	0	0	0	248	4,707	4,707	0	15	15
Ireland	53	0	0	0	0	819	819	0	3	3
Italy	0	273	0	0	10	12,501	12,501	0	41	41
Ivory Coast	0	0	0	0	0	554	1,540	3	2	5
Japan	0	0	0	0	50	2,986	2,986	0	10	10
Korea, Republic of	333	0	57	0	555	16,247	16,247	0	53	53
Malaysia	0	0	0	0	970	6,318	11,030	16	21	36
Mexico	8,899	0	0	202	992	13,259	417,799	1,331	44	1,374
Netherlands	381	0	0	0	1,071	13,752	13,752	0	45	45
Netherlands Antilles	1,390	0	0	98	19	24,936	24,936	0	82	82
Norway	1,751	4,150	0	0	0	19,081	105,181	283	63	346
Oman	0	0	0	0	0	0	5,920	19	0	19
Panama	0	0	0	0	0	342	342	0	1	1
Peru	596	0	0	0	0	2,736	4,502	6	9	15
Portugal	0	0	0	0	132	3,355	3,355	0	11	11
Puerto Rico	374	0	1,053	0	0	1,427	1,427	0	5	5
Romania	0	0	0	0	0	762	762	0	3	3
Russia	144	0	0	0	164	31,114	31,114	0	102	102
Singapore	80	0	0	0	123	5,405	5,405	0	18	18
Spain	268	96	0	116	0	9,098	9,098	0	30	30
Sweden	0	0	0	0	0	6,469	6,469	0	21	21
Syria	313	0	0	0	0	1,223	1,223	0	4	4
Thailand	0	0	0	0	47	960	2,330	5	3	8
Trinidad and Tobago	402	0	0	0	0	6,970	21,728	49	23	71
Tunisia	0	0	0	0	0	1,337	1,337	0	4	4
Turkey	200	0	0	0	65	1,638	1,638	0	5	5
United Kingdom	145	0	21	0	40	24,429	92,153	223	80	303
Virgin Islands, U.S.	0	0	0	0	43	81,460	81,460	0	268	268
Yemen	0	0	0	0	0	485	9,187	29	2	30
Other	1,729	1,918	0	0	371	22,786	34,426	38	75	113
Total	**28,532**	**44,689**	**2,520**	**8,670**	**36,965**	**769,688**	**3,560,940**	**9,182**	**2,532**	**11,714**
Persian Gulf[e]	**1,818**	**2,804**	**0**	**0**	**10,580**	**30,640**	**836,003**	**2,649**	**101**	**2,750**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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 I—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**62,210**	**3,391**	**35**	**1,825**	**875**	**3,252**	**2,132**	**16,655**	**977**	**0**
Algeria	0	3,238	35	110	21	198	851	16,655	434	0
Iraq	2,935	0	0	0	0	0	0	0	0	0
Kuwait	300	0	0	0	0	1,279	0	0	0	0
Qatar	0	0	0	165	0	0	0	0	0	0
Saudi Arabia	56,515	153	0	1,547	385	1,199	684	0	0	0
United Arab Emirates	2,460	0	0	3	469	576	597	0	543	0
Other OPEC	**141,086**	**248**	**402**	**6,503**	**17,195**	**5,011**	**14,610**	**20,234**	**0**	**215**
Indonesia	0	0	0	0	0	0	110	2,012	0	0
Nigeria	96,162	248	146	696	0	20	706	4,237	0	215
Venezuela	44,924	0	256	5,807	17,195	4,991	13,794	13,985	0	0
Non OPEC	**237,722**	**7,805**	**9,009**	**67,768**	**108,681**	**14,739**	**82,836**	**53,373**	**653**	**1,497**
Angola	52,358	0	0	0	0	0	752	751	0	0
Argentina	3,259	0	0	4,771	3,291	0	400	340	0	0
Bahamas	0	0	0	429	0	0	0	2,312	0	0
Belgium	0	0	656	3,646	4,754	0	0	870	0	286
Brazil	0	0	295	2,593	6,943	0	1,472	6,968	0	35
Cameroon	949	0	0	0	0	0	546	0	0	0
Canada	35,147	5,470	476	7,537	33,778	646	26,501	8,668	542	416
China, People's Republic of	0	0	0	2,143	420	0	0	0	0	0
Colombia	6,528	0	426	211	0	801	638	4,033	0	96
Congo (Brazzaville)	9,879	137	377	0	0	0	1,256	171	0	0
Congo (Kinshasa)[d]	345	0	0	0	0	0	0	0	0	0
Denmark	0	0	0	10	0	0	0	1,236	0	0
Ecuador	9,141	0	0	176	0	0	0	225	0	0
Egypt	0	0	0	367	178	0	0	0	0	0
France	0	0	1,697	3,190	2,903	0	706	267	0	329
Gabon	39,042	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	450	1,585	935	0	981	1,010	0	0
Greece	0	0	0	528	0	195	0	0	0	0
India	0	0	0	1,669	431	0	1,554	0	0	0
Ireland	0	0	0	7	0	0	329	0	0	0
Italy	0	0	722	4,648	3,424	124	904	323	0	0
Ivory Coast	749	0	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0
Korea, Republic of	0	0	0	0	0	0	264	0	0	0
Malaysia	0	0	0	0	0	0	541	0	0	0
Mexico	13,156	0	0	408	0	75	0	0	0	0
Netherlands	0	0	0	2,795	3,549	0	906	1,190	0	85
Netherlands Antilles	0	0	60	407	0	4,822	3,413	3,107	0	0
Norway	45,618	701	0	20	3,879	0	0	2,201	0	0
Peru	0	0	0	220	0	0	330	185	0	0
Portugal	0	0	0	919	1,696	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0
Romania	0	0	0	276	0	0	486	0	0	0
Russia	0	0	59	6,304	869	0	10,345	931	0	61
Singapore	0	0	0	547	179	0	0	0	0	0
Spain	0	0	0	4,637	2,075	0	253	110	0	37
Sweden	0	342	566	238	0	0	1,059	615	0	0
Thailand	0	0	0	0	0	0	0	0	0	21
Trinidad and Tobago	0	0	111	1,300	481	430	0	2,493	0	0
Tunisia	0	0	0	0	0	0	914	260	0	0
United Kingdom	21,551	1,155	378	8,445	4,871	0	703	2,718	0	0
Virgin Islands, U.S.	0	0	1,919	37	31,558	7,640	25,247	10,883	111	0
Other	0	0	817	7,705	2,467	6	2,336	1,506	0	131
Total	**441,018**	**11,444**	**9,446**	**76,096**	**126,751**	**23,002**	**99,578**	**90,262**	**1,630**	**1,712**
Persian Gulf[e]	**62,210**	**153**	**165**	**1,715**	**854**	**3,060**	**1,281**	**0**	**543**	**0**

See footnotes at end of table.

Table 41. PAD District I—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**0**	**252**	**0**	**0**	**948**	**30,342**	**92,552**	**205**	**100**	**304**
Algeria	0	0	0	0	0	21,542	21,542	0	71	71
Iraq	0	0	0	0	0	0	2,935	10	0	10
Kuwait	0	0	0	0	0	1,279	1,579	1	4	5
Qatar	0	0	0	0	188	353	353	0	1	1
Saudi Arabia	0	227	0	0	505	4,700	61,215	186	15	201
United Arab Emirates	0	25	0	0	255	2,468	4,928	8	8	16
Other OPEC	**1**	**0**	**0**	**5,420**	**1,803**	**71,642**	**212,728**	**464**	**236**	**700**
Indonesia	0	0	0	0	0	2,122	2,122	0	7	7
Nigeria	1	0	0	0	0	6,269	102,431	316	21	337
Venezuela	0	0	0	5,420	1,803	63,251	108,175	148	208	356
Non OPEC	**1,121**	**200**	**2,004**	**2,374**	**2,734**	**354,794**	**592,516**	**782**	**1,167**	**1,949**
Angola	0	0	0	0	0	1,503	53,861	172	5	177
Argentina	0	0	0	0	0	8,802	12,061	11	29	40
Bahamas	0	0	0	0	0	2,741	2,741	0	9	9
Belgium	164	0	0	0	25	10,401	10,401	0	34	34
Brazil	23	0	0	0	797	19,126	19,126	0	63	63
Cameroon	0	0	0	0	0	546	1,495	3	2	5
Canada	193	0	951	1,958	283	87,419	122,566	116	288	403
China, People's Republic of	0	0	0	0	51	2,614	2,614	0	9	9
Colombia	0	0	0	0	0	6,205	12,733	21	20	42
Congo (Brazzaville)	0	0	0	0	0	1,941	11,820	32	6	39
Congo (Kinshasa)[d]	0	0	0	0	0	0	345	1	0	1
Denmark	0	0	0	0	0	1,246	1,246	0	4	4
Ecuador	0	0	0	0	0	401	9,542	30	1	31
Egypt	0	0	0	0	0	545	545	0	2	2
France	0	0	0	0	80	9,172	9,172	0	30	30
Gabon	0	0	0	0	0	0	39,042	128	0	128
Germany, FR	0	0	0	0	40	5,001	5,001	0	16	16
Greece	0	0	0	0	0	723	723	0	2	2
India	0	0	0	0	248	3,902	3,902	0	13	13
Ireland	53	0	0	0	0	389	389	0	1	1
Italy	0	0	0	0	0	10,145	10,145	0	33	33
Ivory Coast	0	0	0	0	0	0	749	2	0	2
Japan	0	0	0	0	9	9	9	0	(s)	(s)
Korea, Republic of	0	0	0	0	0	264	264	0	1	1
Malaysia	0	0	0	0	0	541	541	0	2	2
Mexico	0	0	0	202	0	685	13,841	43	2	46
Netherlands	0	0	0	0	759	9,284	9,284	0	31	31
Netherlands Antilles	0	0	0	98	0	11,907	11,907	0	39	39
Norway	0	0	0	0	0	6,801	52,419	150	22	172
Peru	0	0	0	0	0	735	735	0	2	2
Portugal	0	0	0	0	132	2,747	2,747	0	9	9
Puerto Rico	304	0	1,053	0	0	1,357	1,357	0	4	4
Romania	0	0	0	0	0	762	762	0	3	3
Russia	144	0	0	0	164	18,877	18,877	0	62	62
Singapore	0	0	0	0	0	726	726	0	2	2
Spain	0	0	0	116	0	7,228	7,228	0	24	24
Sweden	0	0	0	0	0	2,820	2,820	0	9	9
Thailand	0	0	0	0	0	21	21	0	(s)	(s)
Trinidad and Tobago	0	0	0	0	0	4,815	4,815	0	16	16
Tunisia	0	0	0	0	0	1,174	1,174	0	4	4
United Kingdom	145	0	0	0	39	18,454	40,005	71	61	132
Virgin Islands, U.S.	0	0	0	0	43	77,438	77,438	0	255	255
Other	95	200	0	0	64	15,327	15,327	0	50	50
Total	**1,122**	**452**	**2,004**	**7,794**	**5,485**	**456,778**	**897,796**	**1,451**	**1,503**	**2,953**
Persian Gulf[e]	**0**	**252**	**0**	**0**	**948**	**8,971**	**71,181**	**205**	**30**	**234**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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 District II—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**88,881**	**0**	**74**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Iraq	22,992	0	0	0	0	0	0	0	0	0
Kuwait	5,072	0	0	0	0	0	0	0	0	0
Saudi Arabia	60,817	0	74	0	0	0	0	0	0	0
Other OPEC	**41,857**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Nigeria	27,977	0	0	0	0	0	0	0	0	0
Venezuela	13,880	0	0	0	0	0	0	0	0	0
Non OPEC	**322,556**	**26,382**	**262**	**349**	**718**	**0**	**1,304**	**940**	**0**	**379**
Angola	8,072	0	0	0	0	0	0	0	0	0
Brazil	1,208	0	0	0	0	0	0	0	0	0
Canada	283,859	26,382	262	349	718	0	1,304	940	0	379
Colombia	5,365	0	0	0	0	0	0	0	0	0
Ecuador	2,177	0	0	0	0	0	0	0	0	0
Mexico	5,694	0	0	0	0	0	0	0	0	0
Norway	5,242	0	0	0	0	0	0	0	0	0
United Kingdom	10,939	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	**453,294**	**26,382**	**336**	**349**	**718**	**0**	**1,304**	**940**	**0**	**379**
Persian Gulf[e]	**88,881**	**0**	**74**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 42. PAD District II—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**0**	**0**	**0**	**0**	**0**	**74**	**88,955**	**292**	**(s)**	**293**
Iraq	0	0	0	0	0	0	22,992	76	0	76
Kuwait	0	0	0	0	0	0	5,072	17	0	17
Saudi Arabia	0	0	0	0	0	74	60,891	200	(s)	200
Other OPEC	**0**	**0**	**0**	**0**	**0**	**0**	**41,857**	**138**	**0**	**138**
Nigeria	0	0	0	0	0	0	27,977	92	0	92
Venezuela	0	0	0	0	0	0	13,880	46	0	46
Non OPEC	**405**	**3**	**438**	**292**	**606**	**32,078**	**354,634**	**1,061**	**106**	**1,167**
Angola	0	0	0	0	0	0	8,072	27	0	27
Brazil	0	0	0	0	0	0	1,208	4	0	4
Canada	405	3	438	292	597	32,069	315,928	934	105	1,039
Colombia	0	0	0	0	0	0	5,365	18	0	18
Ecuador	0	0	0	0	0	0	2,177	7	0	7
Mexico	0	0	0	0	0	0	5,694	19	0	19
Norway	0	0	0	0	0	0	5,242	17	0	17
United Kingdom	0	0	0	0	0	0	10,939	36	0	36
Other	0	0	0	0	9	9	9	0	(s)	(s)
Total	**405**	**3**	**438**	**292**	**606**	**32,152**	**485,446**	**1,491**	**106**	**1,597**
Persian Gulf[e]	**0**	**0**	**0**	**0**	**0**	**74**	**88,955**	**292**	**(s)**	**293**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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 III—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
Arab OPEC	**577,580**	**9,650**	**4,045**	**225**	**0**	**0**	**1,216**	**1,347**	**0**	**0**
Algeria	2,855	6,837	4,045	225	0	0	1,216	351	0	0
Iraq	160,183	0	0	0	0	0	0	0	0	0
Kuwait	69,242	464	0	0	0	0	0	0	0	0
Qatar	69	0	0	0	0	0	0	0	0	0
Saudi Arabia	345,231	2,349	0	0	0	0	0	996	0	0
United Arab Emirates	0	0	0	0	0	0	0	0	0	0
Other OPEC	**467,505**	**2,992**	**5,947**	**591**	**240**	**211**	**395**	**3,607**	**0**	**0**
Indonesia	0	0	0	0	0	0	104	0	0	0
Nigeria	134,665	2,754	487	0	0	0	0	2,983	0	0
Venezuela	332,840	238	5,460	591	240	211	291	624	0	0
Non OPEC	**578,186**	**4,610**	**44,440**	**9,158**	**1,369**	**0**	**6,984**	**22,532**	**0**	**1,101**
Angola	34,578	0	235	0	0	0	0	676	0	0
Argentina	2,399	0	896	0	13	0	330	152	0	0
Australia	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	6,541	292	277	0	1,059	177	0	0
Brazil	3,459	0	325	162	0	0	360	411	0	200
Brunei	1,016	0	0	0	0	0	0	0	0	0
Cameroon	0	0	0	0	0	0	0	342	0	0
Canada	0	1,500	379	0	0	0	0	0	0	140
China, People's Republic of	0	0	0	783	0	0	0	0	0	55
Colombia	60,783	0	553	2,838	0	0	0	443	0	0
Congo (Brazzaville)	1,547	0	0	0	0	0	0	0	0	0
Denmark	0	0	289	0	0	0	0	0	0	0
Ecuador	4,017	0	0	0	0	0	0	186	0	0
Egypt	0	0	0	0	235	0	0	689	0	0
France	0	35	1,887	148	391	0	0	938	0	0
Gabon	1,895	0	0	0	0	0	0	0	0	0
Germany, FR	0	0	46	100	0	0	122	6,530	0	0
Greece	0	0	40	0	0	0	0	0	0	0
Guatemala	4,991	0	0	0	0	0	0	0	0	0
India	0	0	253	0	0	0	0	244	0	0
Ireland	0	0	196	0	0	0	0	234	0	0
Italy	0	0	1,114	288	0	0	352	0	0	132
Ivory Coast	237	0	350	0	0	0	204	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0
Korea, Republic of	0	0	0	170	0	0	0	0	0	229
Malaysia	2,330	0	0	0	0	0	121	0	0	0
Mexico	371,532	0	340	1,590	0	0	101	0	0	0
Netherlands	0	0	955	39	451	0	38	1,744	0	113
Netherlands Antilles	0	0	10,349	0	0	0	543	318	0	0
Norway	35,240	2,189	4,190	0	0	0	0	0	0	0
Panama	0	0	0	52	0	0	0	0	0	0
Peru	0	0	121	295	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	327	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0
Russia	0	0	4,994	848	0	0	560	5,364	0	0
Spain	0	74	799	248	0	0	184	197	0	0
Sweden	0	133	2,454	0	0	0	0	1,062	0	0
Syria	0	0	688	0	0	0	0	222	0	0
Thailand	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	14,758	0	880	229	0	0	321	0	0	0
Tunisia	0	0	0	0	0	0	163	0	0	0
Turkey	0	0	825	0	0	0	301	247	0	0
United Kingdom	35,234	679	2,813	2	0	0	536	1,589	0	0
Virgin Islands, U.S.	0	0	1,443	176	0	0	1,438	0	0	232
Other	4,170	0	485	898	2	0	251	440	0	0
Total	**1,623,271**	**17,252**	**54,432**	**9,974**	**1,609**	**211**	**8,595**	**27,486**	**0**	**1,101**
Persian Gulf[e]	**574,725**	**2,813**	**0**	**0**	**0**	**0**	**0**	**996**	**0**	**0**

See footnotes at end of table.

Table 43. PAD District III—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Arab OPEC	**4,215**	**33,688**	**0**	**0**	**8,506**	**62,892**	**640,472**	**1,900**	**207**	**2,107**
Algeria	2,397	31,136	0	0	8,506	54,713	57,568	9	180	189
Iraq	0	0	0	0	0	0	160,183	527	0	527
Kuwait	0	0	0	0	0	464	69,706	228	2	229
Qatar	0	1,828	0	0	0	1,828	1,897	(s)	6	6
Saudi Arabia	1,105	0	0	0	0	4,450	349,681	1,136	15	1,150
United Arab Emirates	713	724	0	0	0	1,437	1,437	0	5	5
Other OPEC	**2,589**	**1,041**	**0**	**231**	**155**	**17,999**	**485,504**	**1,538**	**59**	**1,597**
Indonesia	0	314	0	0	10	428	428	0	1	1
Nigeria	271	0	0	0	145	6,640	141,305	443	22	465
Venezuela	2,318	727	0	231	0	10,931	343,771	1,095	36	1,131
Non OPEC	**19,788**	**9,505**	**78**	**164**	**1,276**	**121,005**	**699,191**	**1,902**	**398**	**2,300**
Angola	0	0	0	0	0	911	35,489	114	3	117
Argentina	1,615	0	0	0	0	3,006	5,405	8	10	18
Australia	0	1,946	0	0	0	1,946	1,946	0	6	6
Belgium	196	0	0	0	0	8,542	8,542	0	28	28
Brazil	82	0	0	0	61	1,601	5,060	11	5	17
Brunei	0	0	0	0	0	0	1,016	3	0	3
Cameroon	0	0	0	0	0	342	342	0	1	1
Canada	563	923	0	164	0	3,669	3,669	0	12	12
China, People's Republic of	0	0	0	0	0	838	838	0	3	3
Colombia	0	0	0	0	0	3,834	64,617	200	13	213
Congo (Brazzaville)	0	0	0	0	0	0	1,547	5	0	5
Denmark	0	0	0	0	0	289	289	0	1	1
Ecuador	301	0	0	0	0	487	4,504	13	2	15
Egypt	594	0	0	0	0	1,518	1,518	0	5	5
France	280	399	0	0	0	4,078	4,078	0	13	13
Gabon	0	0	0	0	0	0	1,895	6	0	6
Germany, FR	0	0	0	0	0	6,798	6,798	0	22	22
Greece	253	0	0	0	0	293	293	0	1	1
Guatemala	0	0	0	0	0	0	4,991	16	0	16
India	0	0	0	0	0	497	497	0	2	2
Ireland	0	0	0	0	0	430	430	0	1	1
Italy	0	273	0	0	10	2,169	2,169	0	7	7
Ivory Coast	0	0	0	0	0	554	791	1	2	3
Japan	0	0	0	0	35	35	35	0	(s)	(s)
Korea, Republic of	0	0	57	0	0	456	456	0	2	2
Malaysia	0	0	0	0	0	121	2,451	8	(s)	8
Mexico	8,899	0	0	0	992	11,922	383,454	1,222	39	1,261
Netherlands	381	0	0	0	67	3,788	3,788	0	12	12
Netherlands Antilles	1,390	0	0	0	19	12,619	12,619	0	42	42
Norway	1,751	4,150	0	0	0	12,280	47,520	116	40	156
Panama	0	0	0	0	0	52	52	0	(s)	(s)
Peru	596	0	0	0	0	1,012	1,012	0	3	3
Portugal	0	0	0	0	0	327	327	0	1	1
Puerto Rico	70	0	0	0	0	70	70	0	(s)	(s)
Russia	0	0	0	0	0	11,766	11,766	0	39	39
Spain	268	96	0	0	0	1,866	1,866	0	6	6
Sweden	0	0	0	0	0	3,649	3,649	0	12	12
Syria	313	0	0	0	0	1,223	1,223	0	4	4
Thailand	0	0	0	0	6	6	6	0	(s)	(s)
Trinidad and Tobago	402	0	0	0	0	1,832	16,590	49	6	55
Tunisia	0	0	0	0	0	163	163	0	1	1
Turkey	200	0	0	0	65	1,638	1,638	0	5	5
United Kingdom	0	0	21	0	1	5,641	40,875	116	19	134
Virgin Islands, U.S.	0	0	0	0	0	3,289	3,289	0	11	11
Other	1,634	1,718	0	0	20	5,448	9,618	14	18	32
Total	**26,592**	**44,234**	**78**	**395**	**9,937**	**201,896**	**1,825,167**	**5,340**	**664**	**6,004**
Persian Gulf[e]	**1,818**	**2,552**	**0**	**0**	**0**	**8,179**	**582,904**	**1,891**	**27**	**1,917**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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 Districts IV and V—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001

(Thousand Barrels)

Country of Origin	Crude Oil[b]	Liquefied Petroleum Gases	Unfinished Oils	Gasoline Blending Compo-nents	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Kerosene	Special Naphthas
					PAD District IV					
Non OPEC	**56,266**	**2,726**	**0**	**0**	**94**	**8**	**1,745**	**0**	**0**	**0**
Canada	56,266	2,726	0	0	94	8	1,745	0	0	0
Total	**56,266**	**2,726**	**0**	**0**	**94**	**8**	**1,745**	**0**	**0**	**0**
					PAD District V					
Arab OPEC	**79,547**	**0**	**1,869**	**312**	**328**	**3,144**	**0**	**0**	**0**	**0**
Algeria	0	0	1,869	0	0	0	0	0	0	0
Iraq	36,337	0	0	0	0	0	0	0	0	0
Kuwait	149	0	0	0	0	1,830	0	0	0	0
Qatar	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	37,719	0	0	312	6	455	0	0	0	0
United Arab Emirates	5,342	0	0	0	322	859	0	0	0	0
Other OPEC	**18,784**	**0**	**809**	**0**	**0**	**2,499**	**0**	**653**	**0**	**0**
Indonesia	12,746	0	97	0	0	0	0	653	0	0
Venezuela	6,038	0	712	0	0	2,499	0	0	0	0
Non OPEC	**119,072**	**1,639**	**6,842**	**3,028**	**5,800**	**18,591**	**4,383**	**2,501**	**25**	**327**
Angola	3,397	0	0	0	0	0	0	0	0	0
Argentina	9,202	0	0	125	0	0	0	0	0	0
Australia	10,974	0	0	0	281	520	184	0	0	0
Belgium	0	0	0	0	18	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0	0	0
Brunei	6,091	0	0	0	0	0	0	0	0	0
Canada	22,005	1,639	357	484	608	21	637	677	0	5
China, People's Republic of	4,684	0	0	0	0	0	0	0	0	0
Colombia	1,988	0	0	0	0	515	0	0	0	0
Congo (Brazzaville)	399	0	0	0	0	0	0	0	0	0
Ecuador	18,564	0	0	0	0	0	0	704	0	159
Egypt	0	0	0	0	221	0	0	0	0	0
Germany, FR	0	0	726	0	0	0	0	0	0	0
India	0	0	0	0	0	308	0	0	0	0
Italy	0	0	0	173	14	0	0	0	0	0
Japan	0	0	0	43	203	2,519	0	171	0	0
Korea, Republic of	0	0	0	826	2,382	9,886	1,382	0	0	163
Malaysia	2,382	0	2,164	0	0	1,009	1,488	0	25	0
Mexico	14,158	0	0	0	0	652	0	0	0	0
Netherlands	0	0	0	0	435	0	0	0	0	0
Netherlands Antilles	0	0	0	0	376	34	0	0	0	0
Oman	5,920	0	0	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0	290	0	0
Peru	1,766	0	330	0	0	0	0	659	0	0
Portugal	0	0	0	243	38	0	0	0	0	0
Russia	0	0	372	0	99	0	0	0	0	0
Singapore	0	0	1,837	856	432	1,187	164	0	0	0
Spain	0	0	0	0	4	0	0	0	0	0
Thailand	1,370	0	0	0	0	892	0	0	0	0
Trinidad and Tobago	0	0	323	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	334	0	0	0	0	0
Virgin Islands, U.S.	0	0	733	0	0	0	0	0	0	0
Yemen	8,702	0	0	0	0	485	0	0	0	0
Other	7,470	0	0	278	355	563	528	0	0	0
Total	**217,403**	**1,639**	**9,520**	**3,340**	**6,128**	**24,234**	**4,383**	**3,154**	**25**	**327**
Persian Gulf[e]	**79,547**	**0**	**0**	**312**	**328**	**3,144**	**0**	**0**	**0**	**0**

See footnotes at end of table.

Table 44. PAD Districts IV and V—Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin,[a] January-October 2001 (Continued)

(Thousand Barrels)

Country of Origin	Naphtha for Petrochemical Feedstock Use	Other Oils for Petrochemical Feedstock Use	Lubricants	Asphalt and Road Oil	Other Products[c]	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District IV										
Non OPEC	**0**	**0**	**0**	**189**	**1,239**	**6,001**	**62,267**	**185**	**20**	**205**
Canada	0	0	0	189	1,239	6,001	62,267	185	20	205
Total	**0**	**0**	**0**	**189**	**1,239**	**6,001**	**62,267**	**185**	**20**	**205**
PAD District V										
Arab OPEC	**0**	**0**	**0**	**0**	**9,632**	**15,285**	**94,832**	**262**	**50**	**312**
Algeria	0	0	0	0	0	1,869	1,869	0	6	6
Iraq	0	0	0	0	0	0	36,337	120	0	120
Kuwait	0	0	0	0	0	1,830	1,979	(s)	6	7
Qatar	0	0	0	0	2,044	2,044	2,044	0	7	7
Saudi Arabia	0	0	0	0	5,758	6,531	44,250	124	21	146
United Arab Emirates	0	0	0	0	1,830	3,011	8,353	18	10	27
Other OPEC	**0**	**0**	**0**	**0**	**1,714**	**5,675**	**24,459**	**62**	**19**	**80**
Indonesia	0	0	0	0	0	750	13,496	42	2	44
Venezuela	0	0	0	0	1,714	4,925	10,963	20	16	36
Non OPEC	**413**	**0**	**0**	**0**	**8,352**	**51,901**	**170,973**	**392**	**171**	**562**
Angola	0	0	0	0	0	0	3,397	11	0	11
Argentina	0	0	0	0	0	125	9,327	30	(s)	31
Australia	0	0	0	0	0	985	11,959	36	3	39
Belgium	0	0	0	0	0	18	18	0	(s)	(s)
Brazil	0	0	0	0	62	62	62	0	(s)	(s)
Brunei	0	0	0	0	0	0	6,091	20	0	20
Canada	0	0	0	0	5,903	10,331	32,336	72	34	106
China, People's Republic of	0	0	0	0	169	169	4,853	15	1	16
Colombia	0	0	0	0	0	515	2,503	7	2	8
Congo (Brazzaville)	0	0	0	0	0	0	399	1	0	1
Ecuador	0	0	0	0	0	863	19,427	61	3	64
Egypt	0	0	0	0	0	221	221	0	1	1
Germany, FR	0	0	0	0	0	726	726	0	2	2
India	0	0	0	0	0	308	308	0	1	1
Italy	0	0	0	0	0	187	187	0	1	1
Japan	0	0	0	0	6	2,942	2,942	0	10	10
Korea, Republic of	333	0	0	0	555	15,527	15,527	0	51	51
Malaysia	0	0	0	0	970	5,656	8,038	8	19	26
Mexico	0	0	0	0	0	652	14,810	47	2	49
Netherlands	0	0	0	0	245	680	680	0	2	2
Netherlands Antilles	0	0	0	0	0	410	410	0	1	1
Oman	0	0	0	0	0	0	5,920	19	0	19
Panama	0	0	0	0	0	290	290	0	1	1
Peru	0	0	0	0	0	989	2,755	6	3	9
Portugal	0	0	0	0	0	281	281	0	1	1
Russia	0	0	0	0	0	471	471	0	2	2
Singapore	80	0	0	0	123	4,679	4,679	0	15	15
Spain	0	0	0	0	0	4	4	0	(s)	(s)
Thailand	0	0	0	0	41	933	2,303	5	3	8
Trinidad and Tobago	0	0	0	0	0	323	323	0	1	1
United Kingdom	0	0	0	0	0	334	334	0	1	1
Virgin Islands, U.S.	0	0	0	0	0	733	733	0	2	2
Yemen	0	0	0	0	0	485	9,187	29	2	30
Other	0	0	0	0	278	2,002	9,472	25	7	31
Total	**413**	**0**	**0**	**0**	**19,698**	**72,861**	**290,264**	**715**	**240**	**955**
Persian Gulf[e]	**0**	**0**	**0**	**0**	**9,632**	**13,416**	**92,963**	**262**	**44**	**306**

[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 aviation gasoline, aviation gasoline blending components, miscellaneous products, other hydrocarbons and oxygenates, pentanes plus, petroleum coke, and waxes.
[d] Formerly Zaire.
[e] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
(s) = Less than 500 barrels per day.
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. Exports of Crude Oil and Petroleum Products by PAD District, October 2001

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts						Daily Average
	I	II	III	IV	V	U.S. Total	
Crude Oil[a]	**102**	**250**	**0**	**0**	**0**	**351**	**11**
Natural Gas Liquids	**10**	**264**	**618**	**76**	**203**	**1,171**	**38**
Pentanes Plus	1	21	1	1	0	22	1
Liquefied Petroleum Gases	9	244	618	75	203	1,149	37
Ethane/Ethylene	0	0	0	0	0	0	0
Propane/Propylene	8	90	521	7	189	815	26
Normal Butane/Butylene	1	153	97	68	14	333	11
Isobutane/Isobutylene	0	0	0	0	0	0	0
Other Liquids	**55**	**16**	**640**	**6**	**48**	**766**	**25**
Other Hydrocarbons/Oxygenates	54	16	542	6	48	666	21
Motor Gasoline Blend. Comp.	1	0	99	0	0	100	3
Finished Petroleum Products	**2,184**	**381**	**18,284**	**14**	**6,546**	**27,409**	**884**
Finished Motor Gasoline	354	3	4,146	0	330	4,832	156
Naphtha-Type Jet Fuel	0	0	0	0	(s)	(s)	(s)
Kerosene-Type Jet Fuel	305	0	543	0	118	966	31
Kerosene	5	0	231	0	10	246	8
Distillate Fuel Oil	701	4	2,489	0	1,554	4,748	153
Residual Fuel Oil	235	(s)	2,648	0	111	2,994	97
Special Naphthas	8	10	98	(s)	843	960	31
Lubricants	114	90	685	13	66	968	31
Waxes	42	15	65	0	24	145	5
Petroleum Coke	413	134	7,365	(s)	3,427	11,338	366
Asphalt and Road Oil	3	125	14	1	61	204	7
Miscellaneous Products	4	(s)	1	0	3	8	(s)
Total	**2,351**	**911**	**19,543**	**96**	**6,797**	**29,698**	**958**

[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.

(s) = Less than 500 barrels or less than 500 barrels per day.

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 46. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-October 2001

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts						Daily Average
	I	II	III	IV	V	U.S. Total	
Crude Oil[a]	**1,663**	**6,094**	**4**	**20**	**22**	**7,803**	**26**
Natural Gas Liquids	**542**	**2,627**	**8,570**	**299**	**1,974**	**14,012**	**46**
Pentanes Plus	11	267	1	92	157	527	2
Liquefied Petroleum Gases	531	2,360	8,569	207	1,817	13,484	44
Ethane/Ethylene	0	0	0	0	0	0	0
Propane/Propylene	321	876	6,493	62	1,763	9,515	31
Normal Butane/Butylene	210	1,484	2,076	144	55	3,969	13
Isobutane/Isobutylene	0	0	0	0	0	0	0
Other Liquids	**1,899**	**471**	**8,441**	**13**	**614**	**11,437**	**38**
Other Hydrocarbons/Oxygenates	1,286	182	6,132	13	606	8,218	27
Motor Gasoline Blend. Comp.	613	289	2,309	0	8	3,219	11
Finished Petroleum Products	**13,954**	**3,792**	**173,648**	**176**	**71,737**	**263,306**	**866**
Finished Motor Gasoline	2,518	94	31,571	1	4,902	39,085	129
Naphtha-Type Jet Fuel	62	14	1	0	1	77	(s)
Kerosene-Type Jet Fuel	713	402	3,632	(s)	2,405	7,153	24
Kerosene	57	1	573	1	114	747	2
Distillate Fuel Oil	2,883	523	21,784	0	21,511	46,701	154
Residual Fuel Oil	1,830	303	39,127	0	5,959	47,219	155
Special Naphthas	410	128	1,069	8	5,388	7,003	23
Lubricants	1,308	753	4,991	142	678	7,871	26
Waxes	316	159	441	(s)	186	1,103	4
Petroleum Coke	3,614	809	70,153	10	30,099	104,685	344
Asphalt and Road Oil	199	606	298	14	471	1,587	5
Miscellaneous Products	46	1	7	(s)	22	75	(s)
Total	**18,058**	**12,984**	**190,663**	**507**	**74,346**	**296,557**	**976**

[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.

(s) = Less than 500 barrels or less than 500 barrels per day.

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 47. Exports of Crude Oil and Petroleum Products by Destination, October 2001

(Thousand Barrels)

Destination	Crude Oil[a]	Pentanes Plus	Liquefied Petroleum Gases	Finished Motor Gasoline	Jet Fuel	Kerosene	Distillate Fuel Oil	Residual Fuel Oil
Argentina	0	0	(s)	(s)	0	1	4	1
Australia	0	0	(s)	(s)	0	0	1	0
Bahamas	0	0	5	2	1	0	55	0
Bahrain	0	0	0	0	0	0	0	0
Belgium & Luxembourg	0	0	(s)	0	0	0	0	0
Brazil	0	0	0	(s)	0	0	1	0
Cameroon	0	0	0	0	0	0	0	0
Canada	351	22	346	164	422	0	672	485
Chile	0	0	0	0	0	0	(s)	0
China, People's Republic of	0	0	0	213	0	0	3	0
China, Taiwan	0	0	0	0	0	0	2	0
Colombia	0	0	0	0	0	0	0	(s)
Costa Rica	0	0	1	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	1	0	0	(s)	120
Ecuador	0	0	0	71	0	0	200	0
Egypt	0	0	0	0	0	0	0	0
El Salvador	0	0	69	0	0	0	0	(s)
Finland	0	0	0	0	0	0	229	0
France	0	0	0	0	0	1	(s)	0
French Pacific Islands	0	0	0	0	0	0	0	0
Germany, FR	0	0	1	(s)	0	0	0	(s)
Ghana	0	0	0	0	0	0	0	0
Greece	0	0	0	0	0	0	(s)	0
Guatemala	0	0	66	20	0	0	40	0
Guinea	0	0	0	0	0	0	0	0
Honduras	0	0	31	1	0	0	0	0
Hong Kong	0	0	0	0	0	0	3	0
India	0	0	0	0	0	0	15	0
Indonesia	0	0	0	0	0	0	1	0
Ireland	0	0	0	0	0	0	(s)	0
Israel	0	0	0	0	243	0	0	0
Italy	0	0	(s)	0	0	0	1	0
Jamaica	0	0	0	(s)	0	0	(s)	1,017
Japan	0	0	1	(s)	0	0	6	0
Korea, Republic of	0	0	(s)	(s)	0	0	1	0
Malaysia	0	0	0	0	0	0	399	0
Mexico	0	1	624	4,343	42	10	1,316	503
Netherlands	0	0	0	0	0	230	394	0
Netherlands Antilles	0	0	0	0	0	0	0	465
New Zealand	0	0	(s)	0	0	0	1	0
Nigeria	0	0	0	0	0	0	(s)	0
Norway	0	0	0	0	0	0	0	0
Panama	0	0	0	0	0	(s)	0	64
Peru	0	0	0	0	0	0	1	0
Philippines	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
Puerto Rico	0	(s)	0	0	0	0	1	(s)
Russia	0	0	0	0	0	0	5	0
Saudi Arabia	0	0	0	0	0	0	1	0
Singapore	0	0	1	0	0	0	809	0
South Africa	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	551	335
Suriname	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0	1	2
Thailand	0	0	0	0	0	0	(s)	0
Trinidad and Tobago	0	0	0	0	0	0	(s)	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	(s)	0
United Kingdom	0	0	0	(s)	238	0	3	0
Uruguay	0	0	0	0	0	0	0	0
Venezuela	0	0	0	1	0	0	1	0
Virgin Islands, U.S.	0	0	0	0	0	0	0	0
Yugoslavia	0	0	0	0	0	0	0	0
Other	0	0	2	15	20	5	31	0
Total	**351**	**22**	**1,149**	**4,832**	**966**	**246**	**4,748**	**2,994**

See footnotes at end of table.

Table 47. Exports of Crude Oil and Petroleum Products by Destination, October 2001 (Continued)

(Thousand Barrels)

Destination	Special Naphthas	Lubricants	Waxes	Petroleum Coke	Asphalt and Road Oil	Other Products[b]	Crude Oil and Products	
							Total	Daily Average
Argentina	3	2	15	(s)	0	0	27	1
Australia	3	2	(s)	0	1	(s)	8	(s)
Bahamas	0	4	0	0	(s)	(s)	67	2
Bahrain	0	(s)	0	0	0	0	(s)	(s)
Belgium & Luxembourg	(s)	1	1	357	2	16	378	12
Brazil	3	3	(s)	225	1	2	235	8
Cameroon	0	0	0	54	0	0	54	2
Canada	42	163	60	429	142	34	3,331	107
Chile	0	38	(s)	0	1	0	39	1
China, People's Republic of	5	6	1	0	1	(s)	229	7
China, Taiwan	(s)	19	(s)	(s)	(s)	(s)	22	1
Colombia	0	126	1	(s)	(s)	1	127	4
Costa Rica	(s)	8	(s)	178	0	(s)	187	6
Denmark	0	(s)	0	163	0	0	163	5
Dominican Republic	3	21	(s)	0	0	1	146	5
Ecuador	0	3	(s)	0	0	0	275	9
Egypt	0	8	0	0	0	0	8	(s)
El Salvador	0	5	0	0	0	0	75	2
Finland	0	(s)	(s)	0	0	0	230	7
France	7	2	(s)	1	1	14	27	1
French Pacific Islands	0	(s)	0	0	0	0	(s)	(s)
Germany, FR	0	2	3	323	5	4	338	11
Ghana	0	(s)	0	3	0	0	4	(s)
Greece	0	1	0	0	0	0	1	(s)
Guatemala	(s)	12	2	0	0	22	162	5
Guinea	0	(s)	0	0	0	0	(s)	(s)
Honduras	(s)	6	0	0	0	(s)	38	1
Hong Kong	0	5	3	0	0	(s)	11	(s)
India	0	75	1	141	7	0	240	8
Indonesia	0	1	(s)	0	(s)	0	2	(s)
Ireland	0	1	(s)	181	0	(s)	182	6
Israel	(s)	3	0	333	0	1	579	19
Italy	0	(s)	1	1,344	1	0	1,347	43
Jamaica	0	3	(s)	0	0	37	1,057	34
Japan	560	42	2	1,718	1	21	2,352	76
Korea, Republic of	258	6	1	210	1	4	481	16
Malaysia	0	12	1	0	0	(s)	412	13
Mexico	69	134	47	985	37	385	8,496	274
Netherlands	(s)	1	(s)	518	(s)	1	1,143	37
Netherlands Antilles	0	141	0	0	0	0	606	20
New Zealand	0	1	(s)	105	0	0	106	3
Nigeria	0	1	0	0	(s)	0	1	(s)
Norway	0	(s)	(s)	73	0	0	73	2
Panama	(s)	5	0	0	0	0	69	2
Peru	2	29	(s)	0	0	(s)	32	1
Philippines	(s)	2	(s)	0	0	1	4	(s)
Poland	(s)	(s)	0	0	0	0	(s)	(s)
Portugal	(s)	0	0	0	0	0	(s)	(s)
Puerto Rico	1	10	1	0	0	(s)	14	(s)
Russia	(s)	4	0	0	0	0	8	(s)
Saudi Arabia	(s)	2	0	2	0	0	5	(s)
Singapore	(s)	12	(s)	(s)	(s)	24	846	27
South Africa	(s)	7	(s)	160	(s)	0	167	5
Spain	0	(s)	0	2,092	1	0	2,980	96
Suriname	0	1	0	0	0	0	1	(s)
Sweden	0	(s)	0	0	0	0	(s)	(s)
Switzerland	0	(s)	0	0	0	0	3	(s)
Thailand	(s)	3	(s)	279	0	1	284	9
Trinidad and Tobago	0	2	(s)	0	0	19	22	1
Turkey	0	4	0	726	(s)	0	730	24
United Arab Emirates	(s)	(s)	0	81	1	(s)	82	3
United Kingdom	1	1	1	59	2	1	307	10
Uruguay	0	1	0	(s)	0	0	1	(s)
Venezuela	(s)	6	(s)	84	1	184	277	9
Virgin Islands, U.S.	0	(s)	0	0	0	0	(s)	(s)
Yugoslavia	(s)	(s)	0	0	0	0	(s)	(s)
Other	1	18	(s)	514	(s)	(s)	605	20
Total	**960**	**968**	**145**	**11,338**	**204**	**774**	**29,698**	**958**

[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] Includes miscellaneous products, motor gasoline blending components, and other hydrocarbons and oxygenates.

(s) = Less than 500 barrels or less than 500 barrels per day.

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 Destination, January-October 2001

(Thousand Barrels)

Destination	Crude Oil[a]	Pentanes Plus	Liquefied Petroleum Gases	Finished Motor Gasoline	Jet Fuel	Kerosene	Distillate Fuel Oil	Residual Fuel Oil
Argentina	0	0	1	(s)	0	1	8	5
Australia	0	0	119	6	0	0	6	(s)
Bahamas	0	0	69	129	45	(s)	516	1,567
Bahrain	0	0	0	0	0	0	2	0
Belgium & Luxembourg	0	0	6	(s)	0	0	9	18
Brazil	0	0	900	(s)	1	1	743	1
Cameroon	0	0	0	(s)	0	5	0	0
Canada	7,790	525	3,276	3,245	3,448	8	4,117	4,475
Chile	0	0	2	1	0	0	840	0
China, People's Republic of	0	0	(s)	618	0	0	231	527
China, Taiwan	0	0	1	(s)	0	0	437	14
Colombia	0	0	0	0	0	(s)	2	3
Costa Rica	0	0	63	245	0	0	335	694
Denmark	0	0	0	(s)	0	0	0	0
Dominican Republic	0	0	51	83	(s)	150	893	1,287
Ecuador	0	0	0	493	0	1	794	22
Egypt	0	0	0	0	0	0	0	0
El Salvador	0	0	69	0	(s)	0	250	(s)
Finland	0	0	0	(s)	(s)	3	1,009	0
France	0	0	(s)	(s)	0	1	5	(s)
French Pacific Islands	0	0	0	0	0	0	(s)	0
Germany, FR	0	0	3	1	(s)	0	3	(s)
Ghana	0	0	0	0	0	0	0	0
Greece	0	0	1	0	0	0	(s)	(s)
Guatemala	0	0	367	1,289	12	0	861	12
Guinea	0	0	0	0	1	0	(s)	0
Honduras	0	0	345	25	0	0	140	201
Hong Kong	0	0	(s)	1	0	0	13	(s)
India	0	0	3	0	0	0	35	1
Indonesia	0	0	188	0	0	(s)	15	0
Ireland	0	0	0	(s)	(s)	0	1	0
Israel	0	0	1	250	2,162	3	518	1
Italy	0	0	38	0	0	0	241	0
Jamaica	0	0	0	1	66	0	3	7,374
Japan	8	0	5	3	(s)	0	129	307
Korea, Republic of	(s)	0	(s)	2	(s)	2	391	256
Malaysia	0	0	(s)	0	0	0	409	0
Mexico	4	1	7,820	31,041	694	109	17,439	10,551
Netherlands	0	0	(s)	252	(s)	230	1,577	1,830
Netherlands Antilles	0	0	0	218	180	103	1,451	3,447
New Zealand	0	0	(s)	285	0	0	3	0
Nigeria	0	0	(s)	0	0	0	(s)	0
Norway	0	0	2	0	0	0	(s)	0
Panama	0	0	(s)	418	0	55	1,290	2,819
Peru	0	0	100	0	0	(s)	923	0
Philippines	0	0	(s)	0	0	0	5	0
Poland	0	0	0	0	0	0	(s)	0
Portugal	0	0	0	0	0	0	0	0
Puerto Rico	0	1	3	327	2	0	164	1
Russia	0	0	(s)	0	0	(s)	7	31
Saudi Arabia	0	(s)	(s)	0	7	0	6	0
Singapore	0	0	1	(s)	0	0	8,644	9,484
South Africa	0	0	(s)	0	0	0	2	0
Spain	0	0	0	(s)	0	0	1,135	989
Suriname	0	0	0	0	0	0	0	0
Sweden	0	0	0	2	0	0	7	0
Switzerland	0	0	0	1	0	0	45	3
Thailand	0	0	0	0	0	0	160	206
Trinidad and Tobago	0	0	(s)	(s)	0	6	3	244
Turkey	0	0	0	0	0	0	2	0
United Arab Emirates	0	0	0	(s)	0	1	2	0
United Kingdom	0	0	22	10	239	0	44	306
Uruguay	0	0	0	0	0	0	0	0
Venezuela	0	(s)	9	3	0	8	330	1
Virgin Islands, U.S.	0	0	0	0	0	(s)	(s)	219
Yugoslavia	0	0	0	0	0	3	0	0
Other	0	0	19	134	371	56	506	322
Total	**7,803**	**527**	**13,484**	**39,085**	**7,229**	**747**	**46,701**	**47,219**

See footnotes at end of table.

Table 48. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-October 2001 (Continued)

(Thousand Barrels)

Destination	Special Naphthas	Lubricants	Waxes	Petroleum Coke	Asphalt and Road Oil	Other Products[b]	Crude Oil and Products	
							Total	Daily Average
Argentina	10	135	16	407	4	3	590	2
Australia	10	74	5	2,693	3	1	2,916	10
Bahamas	0	19	(s)	0	5	11	2,361	8
Bahrain	0	2	0	291	(s)	0	295	1
Belgium & Luxembourg	120	43	9	4,023	29	151	4,407	14
Brazil	29	35	44	5,980	11	34	7,780	26
Cameroon	0	(s)	0	155	0	0	161	1
Canada	253	1,465	466	4,948	907	2,429	37,353	123
Chile	6	445	4	(s)	2	(s)	1,301	4
China, People's Republic of	12	46	20	116	2	(s)	1,574	5
China, Taiwan	1	140	4	31	4	9	642	2
Colombia	8	247	5	1	4	3	273	1
Costa Rica	6	79	3	307	0	1	1,733	6
Denmark	0	1	(s)	951	(s)	0	952	3
Dominican Republic	28	146	(s)	3	(s)	1	2,642	9
Ecuador	(s)	209	(s)	(s)	(s)	(s)	1,521	5
Egypt	(s)	15	0	0	3	0	18	(s)
El Salvador	(s)	116	(s)	0	0	5	442	1
Finland	(s)	3	(s)	0	3	0	1,018	3
France	7	53	6	3,441	2	284	3,800	13
French Pacific Islands	(s)	1	(s)	0	0	0	2	(s)
Germany, FR	3	18	31	508	29	15	610	2
Ghana	0	4	0	150	0	0	153	1
Greece	0	6	(s)	1,858	(s)	0	1,866	6
Guatemala	2	80	7	0	(s)	156	2,786	9
Guinea	0	9	0	0	0	0	10	(s)
Honduras	7	49	1	0	0	(s)	766	3
Hong Kong	1	37	37	0	(s)	2	93	(s)
India	0	137	6	715	26	10	931	3
Indonesia	3	10	2	201	1	16	435	1
Ireland	0	1	2	694	0	2	700	2
Israel	1	22	(s)	2,080	(s)	25	5,061	17
Italy	(s)	96	5	9,742	4	(s)	10,125	33
Jamaica	14	23	1	0	0	306	7,788	26
Japan	3,683	200	22	14,412	20	330	19,119	63
Korea, Republic of	1,632	63	6	1,317	10	103	3,784	12
Malaysia	(s)	52	4	0	1	1	467	2
Mexico	365	1,683	341	10,057	278	4,273	84,656	278
Netherlands	429	14	1	6,195	3	198	10,727	35
Netherlands Antilles	0	793	(s)	172	(s)	34	6,397	21
New Zealand	3	5	1	517	150	1	965	3
Nigeria	(s)	186	0	1	1	0	189	1
Norway	0	3	(s)	794	0	0	799	3
Panama	6	135	(s)	257	0	230	5,210	17
Peru	2	89	1	(s)	1	7	1,124	4
Philippines	1	21	4	1	0	3	36	(s)
Poland	(s)	(s)	(s)	0	(s)	0	1	(s)
Portugal	(s)	1	0	535	0	0	536	2
Puerto Rico	324	196	6	0	(s)	3	1,027	3
Russia	2	17	1	41	1	0	100	(s)
Saudi Arabia	3	25	2	171	(s)	(s)	215	1
Singapore	1	144	1	26	1	188	18,491	61
South Africa	(s)	56	1	1,522	1	6	1,588	5
Spain	(s)	3	1	13,355	4	3	15,491	51
Suriname	(s)	5	0	0	0	0	5	(s)
Sweden	0	12	(s)	356	(s)	(s)	377	1
Switzerland	(s)	3	(s)	0	0	(s)	53	(s)
Thailand	2	27	6	279	5	10	696	2
Trinidad and Tobago	1	17	(s)	2	1	19	293	1
Turkey	(s)	36	(s)	5,226	1	0	5,265	17
United Arab Emirates	2	16	(s)	718	3	(s)	743	2
United Kingdom	1	57	7	2,626	27	27	3,365	11
Uruguay	0	8	(s)	(s)	0	(s)	8	(s)
Venezuela	8	50	26	1,183	6	2,597	4,221	14
Virgin Islands, U.S.	1	3	0	0	(s)	0	224	1
Yugoslavia	(s)	2	0	166	0	(s)	170	1
Other	15	179	1	5,463	33	14	7,114	23
Total	**7,003**	**7,871**	**1,103**	**104,685**	**1,587**	**11,512**	**296,557**	**976**

[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] Includes miscellaneous products, motor gasoline blending components, and other hydrocarbons and oxygenates.

(s) = Less than 500 barrels or less than 500 barrels per day.

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. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2001

(Thousand Barrels per Day)

Country	Crude Oil[a]	Liquefied Petroleum Gases	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Petroleum Coke	Lubricants	Other Products[b]	Total Products	Total Crude Oil and Products
Arab OPEC	**2,786**	**17**	**0**	**0**	**(s)**	**42**	**-3**	**(s)**	**264**	**320**	**3,107**
Algeria	0	17	0	0	0	42	0	(s)	210	269	269
Iraq	1,166	0	0	0	0	0	0	0	0	0	1,166
Kuwait	221	0	0	0	0	0	0	(s)	0	(s)	221
Qatar	0	0	0	0	0	0	0	(s)	6	6	6
Saudi Arabia	1,384	0	0	0	(s)	0	(s)	(s)	48	48	1,432
United Arab Emirates	16	0	0	0	(s)	0	-3	(s)	(s)	-3	13
Other OPEC	**2,041**	**0**	**75**	**5**	**55**	**35**	**-3**	**(s)**	**80**	**247**	**2,288**
Indonesia	29	0	0	0	4	7	0	(s)	(s)	10	39
Nigeria	755	0	0	0	9	10	0	(s)	10	29	784
Venezuela	1,257	0	75	5	42	18	-3	(s)	70	207	1,464
Non OPEC	**4,238**	**126**	**186**	**17**	**73**	**89**	**-360**	**-26**	**454**	**559**	**4,797**
Angola	222	0	0	0	12	0	0	(s)	8	20	242
Argentina	57	(s)	(s)	0	(s)	5	(s)	(s)	39	44	100
Australia	21	(s)	9	0	(s)	0	0	(s)	(s)	9	30
Bahamas	0	(s)	(s)	(s)	-2	26	0	(s)	(s)	24	24
Belgium & Luxembourg	0	(s)	37	0	27	0	-12	(s)	22	74	74
Brazil	32	0	24	0	(s)	18	-7	(s)	10	45	77
Brunei	19	0	0	0	0	0	0	0	0	0	19
Cameroon	0	0	0	0	0	0	-2	0	0	-2	-2
Canada	1,272	151	72	-13	48	1	-14	-1	74	317	1,589
China, People's Republic of	21	0	-7	0	(s)	0	0	(s)	(s)	-7	14
China, Taiwan	0	0	0	0	(s)	0	(s)	-1	2	1	1
Colombia	224	0	0	0	0	(s)	(s)	-4	7	3	227
Ecuador	178	0	-2	0	-6	0	0	(s)	6	-3	175
Egypt	0	0	7	0	0	0	0	(s)	0	7	7
France	0	0	0	0	3	0	(s)	(s)	20	23	23
Gabon	136	0	0	0	0	0	0	(s)	0	(s)	136
Germany, FR	0	(s)	(s)	0	0	23	-10	(s)	(s)	12	12
Greece	0	0	0	0	(s)	0	0	(s)	0	(s)	(s)
Guatemala	21	-2	-1	0	-1	0	0	(s)	-1	-5	16
India	0	0	0	0	(s)	0	-5	-2	(s)	-8	-8
Italy	0	(s)	0	0	(s)	0	-43	(s)	18	-25	-25
Jamaica	0	0	(s)	0	(s)	-33	0	(s)	-1	-34	-34
Japan	0	(s)	(s)	0	(s)	0	-55	-1	-19	-76	-76
Korea, Republic of	0	(s)	6	19	(s)	0	-7	(s)	-9	9	9
Malaysia	34	0	0	1	6	0	0	(s)	4	11	45
Mexico	1,399	-20	-140	-1	-42	-16	-32	-4	15	-242	1,158
Netherlands	0	0	20	0	-13	3	-17	(s)	19	13	13
Netherlands Antilles	0	0	0	3	(s)	-5	0	-5	50	44	44
Norway	211	2	10	0	0	15	-2	(s)	21	45	256
Oman	0	0	0	0	0	0	0	(s)	0	(s)	(s)
Panama	0	0	0	0	0	-2	0	(s)	2	-1	-1
Peru	12	0	0	0	(s)	0	0	-1	(s)	-1	11
Puerto Rico	0	0	0	0	(s)	(s)	0	(s)	(s)	(s)	(s)
Romania	0	0	0	0	(s)	0	0	(s)	(s)	(s)	(s)
Russia	0	0	0	0	(s)	20	0	(s)	14	33	33
Syria	0	0	0	0	0	0	0	(s)	0	(s)	(s)
Spain	0	0	0	0	-18	-11	-67	(s)	22	-74	-74
Sweden	0	0	0	0	0	0	0	(s)	0	(s)	(s)
Thailand	0	0	0	0	(s)	0	-9	(s)	(s)	-9	-9
Trinidad and Tobago	39	0	0	0	(s)	0	0	(s)	6	6	44
Turkey	0	0	0	0	0	0	-23	(s)	(s)	-24	-24
United Kingdom	265	0	16	-8	(s)	15	-2	(s)	69	90	355
Virgin Islands, U.S.	0	0	126	20	92	26	0	(s)	0	265	265
Other	73	-3	10	-5	-32	3	-53	-4	59	-25	48
Total	**9,065**	**143**	**261**	**21**	**128**	**166**	**-366**	**-27**	**798**	**1,126**	**10,191**
Persian Gulf[d]	**2,786**	**0**	**0**	**0**	**(s)**	**0**	**-3**	**(s)**	**55**	**52**	**2,838**

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

[b] Includes asphalt and road oil, aviation gasoline, aviation gasoline blending components, kerosene, miscellaneous products, motor gasoline blending components, naphtha for petrochemical feedstock use, other hydrocarbons and oxygenates, other oils for petrochemical feedstock use, pentanes plus, special naphthas, unfinished oils, and waxes.

[c] Formerly Zaire.

[d] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

(s) = Less than 500 barrels per day.

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 50. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-October 2001

(Thousand Barrels per Day)

Country	Crude Oil[a]	Liquefied Petroleum Gases	Finished Motor Gasoline	Jet Fuel	Distillate Fuel Oil	Residual Fuel Oil	Petroleum Coke	Lubricants	Other Products[b]	Total Products	Total Crude Oil and Products
Arab OPEC	**2,659**	**43**	**4**	**21**	**11**	**59**	**-3**	**(s)**	**219**	**353**	**3,012**
Algeria	9	33	(s)	1	7	56	-1	(s)	160	256	266
Iraq	732	0	0	0	0	0	0	0	0	0	732
Kuwait	246	2	(s)	10	(s)	0	0	(s)	(s)	12	258
Qatar	(s)	0	0	0	0	0	0	(s)	14	14	14
Saudi Arabia	1,646	8	1	5	2	3	-1	(s)	31	51	1,697
United Arab Emirates	26	0	3	5	2	0	-2	(s)	13	20	46
Other OPEC	**2,201**	**10**	**57**	**25**	**48**	**81**	**-5**	**-1**	**81**	**298**	**2,499**
Indonesia	42	-1	0	0	1	9	-1	(s)	1	9	51
Nigeria	851	10	0	(s)	2	24	(s)	-1	6	42	893
Venezuela	1,308	1	57	25	45	48	-4	(s)	74	246	1,555
Non OPEC	**4,296**	**98**	**255**	**86**	**167**	**106**	**-336**	**-17**	**571**	**931**	**5,227**
Angola	324	0	0	0	2	5	0	(s)	1	8	332
Argentina	49	(s)	11	0	2	2	-1	(s)	24	37	86
Australia	36	(s)	1	2	1	(s)	-9	(s)	6	(s)	36
Bahamas	0	(s)	(s)	(s)	-2	2	0	(s)	1	1	1
Belgium & Luxembourg	0	(s)	17	0	3	3	-13	(s)	38	48	48
Benin	0	0	0	0	0	0	0	(s)	0	(s)	(s)
Brazil	15	-3	23	(s)	4	24	-20	(s)	15	43	58
Brunei	23	0	0	0	0	0	0	(s)	0	(s)	23
Cameroon	3	0	(s)	0	2	1	-1	(s)	(s)	2	6
Canada	1,281	113	105	-9	86	19	-16	(s)	64	362	1,643
China, People's Republic of	15	(s)	-1	0	-1	-2	(s)	(s)	10	7	22
China, Taiwan	0	(s)	(s)	2	2	(s)	(s)	(s)	1	5	5
Colombia	246	0	0	4	2	15	(s)	-1	14	34	279
Congo (Brazzaville)	39	(s)	0	0	4	1	0	(s)	1	6	45
Congo (Kinshasa)[c]	1	0	0	0	0	0	0	(s)	0	(s)	1
Ecuador	112	0	-2	0	-3	4	(s)	-1	2	1	112
Egypt	0	0	2	0	0	2	0	(s)	3	7	7
France	0	(s)	11	0	2	4	-11	(s)	25	31	31
Gabon	135	0	0	0	0	0	0	(s)	0	(s)	135
Germany, FR	0	(s)	3	(s)	4	25	-2	(s)	9	39	39
Greece	0	(s)	0	1	(s)	(s)	-6	(s)	3	-3	-3
Guatemala	16	-1	-4	(s)	-3	(s)	0	(s)	-1	-9	7
India	0	(s)	1	1	5	1	-2	(s)	7	12	12
Italy	0	(s)	11	(s)	3	1	-32	(s)	24	8	8
Jamaica	0	0	(s)	(s)	(s)	-24	0	(s)	-1	-26	-26
Japan	(s)	(s)	1	8	(s)	(s)	-47	-1	-13	-53	-53
Korea, Republic of	(s)	(s)	8	33	4	-1	-4	(s)	2	41	41
Malaysia	16	(s)	0	3	6	0	0	(s)	10	19	35
Mexico	1,331	-26	-102	(s)	-57	-35	-33	-6	23	-235	1,096
Netherlands	0	(s)	14	(s)	-2	4	-20	(s)	15	10	10
Netherlands Antilles	0	0	1	15	8	(s)	-1	-3	40	61	61
Norway	283	10	13	0	(s)	7	-3	(s)	33	60	343
Oman	19	0	0	0	0	0	0	(s)	(s)	(s)	19
Panama	0	(s)	-1	0	-4	-8	-1	(s)	-1	-16	-16
Peru	6	(s)	0	0	-2	3	(s)	(s)	5	5	11
Puerto Rico	0	(s)	-1	(s)	-1	(s)	0	3	(s)	1	1
Romania	0	0	0	0	2	0	-3	(s)	1	(s)	(s)
Russia	0	(s)	3	0	36	21	(s)	(s)	43	102	102
Syria	0	0	0	0	0	1	0	(s)	3	4	4
Spain	0	(s)	7	0	-2	-2	-44	(s)	20	-21	-21
Sweden	0	2	(s)	0	3	6	-1	(s)	11	20	20
Thailand	5	0	0	3	-1	-1	-1	(s)	(s)	1	5
Trinidad and Tobago	49	(s)	2	1	1	7	(s)	(s)	11	22	71
Turkey	0	0	0	0	1	1	-17	(s)	4	-12	-12
United Kingdom	223	6	17	-1	4	13	-9	(s)	39	69	292
Virgin Islands, U.S.	0	0	104	25	88	35	0	(s)	15	267	267
Yemen	29	0	0	2	0	0	0	0	0	2	30
Other	42	-2	14	-4	-31	-26	-39	-4	62	-31	10
Total	**9,156**	**151**	**316**	**132**	**227**	**245**	**-344**	**-18**	**872**	**1,582**	**10,738**
Persian Gulf[d]	**2,649**	**10**	**4**	**20**	**4**	**3**	**-4**	**(s)**	**59**	**97**	**2,746**

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

[b] Includes asphalt and road oil, aviation gasoline, aviation gasoline blending components, kerosene, miscellaneous products, motor gasoline blending components, naphtha for petrochemical feedstock use, other hydrocarbons and oxygenates, other oils for petrochemical feedstock use, pentanes plus, special naphthas, unfinished oils, and waxes.

[c] Formerly Zaire.

[d] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

(s) = Less than 500 barrels per day.

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 51. Stocks of Crude Oil and Petroleum Products by PAD District, October 2001

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts					U. S. Total
	I	II	III	IV	V	
Crude Oil	**14,191**	**67,775**	**711,744**	**13,672**	**49,296**	**856,678**
Refinery	13,405	14,332	50,847	2,304	22,516	103,404
Tank Farms and Pipelines	749	52,580	101,809	10,366	20,304	185,808
Leases	37	863	13,879	1,002	824	16,605
Strategic Petroleum Reserve[a]	0	0	545,209	0	0	545,209
Alaskan In Transit	0	0	0	0	5,652	5,652
Total Stocks, All Oils (excluding Crude Oil)[e]	**170,390**	**159,936**	**277,071**	**16,523**	**95,005**	**718,925**
Refinery	56,300	57,080	135,797	10,455	63,156	322,788
Bulk Terminal	86,169	65,641	85,229	2,109	24,433	263,581
Pipeline	27,861	34,801	52,355	3,754	7,134	125,905
Natural Gas Processing Plant	60	2,414	3,690	205	282	6,651
Pentanes Plus	**21**	**2,129**	**4,579**	**220**	**208**	**7,157**
Refinery	0	290	299	24	0	613
Bulk Terminal	0	1,341	1,847	0	197	3,385
Pipeline	0	360	2,022	141	0	2,523
Natural Gas Processing Plant	21	138	411	55	11	636
Liquefied Petroleum Gases	**7,115**	**41,167**	**81,265**	**1,764**	**7,959**	**139,270**
Refinery	2,238	5,066	9,886	450	2,204	19,844
Bulk Terminal	3,232	27,096	51,732	216	5,484	87,760
Pipeline	1,606	6,729	16,368	948	0	25,651
Natural Gas Processing Plant	39	2,276	3,279	150	271	6,015
Ethane/Ethylene	**0**	**3,628**	**20,334**	**448**	**0**	**24,410**
Refinery	0	0	151	0	0	151
Bulk Terminal	0	1,559	16,587	0	0	18,146
Pipeline	0	1,860	3,238	431	0	5,529
Natural Gas Processing Plant	0	209	358	17	0	584
Propane/Propylene	**5,008**	**24,935**	**34,169**	**727**	**3,226**	**68,065**
Refinery	647	1,870	2,466	171	123	5,277
Bulk Terminal	2,808	18,486	23,704	214	2,929	48,141
Pipeline	1,524	2,909	6,794	281	0	11,508
Natural Gas Processing Plant	29	1,670	1,205	61	174	3,139
Normal Butane/Butylene	**1,876**	**10,907**	**21,974**	**415**	**4,273**	**39,445**
Refinery	1,364	2,818	5,796	203	1,682	11,863
Bulk Terminal	424	6,240	9,769	2	2,499	18,934
Pipeline	82	1,562	5,130	151	0	6,925
Natural Gas Processing Plant	6	287	1,279	59	92	1,723
Isobutane/Isobutylene	**231**	**1,697**	**4,788**	**174**	**460**	**7,350**
Refinery	227	378	1,473	76	399	2,553
Bulk Terminal	0	811	1,672	0	56	2,539
Pipeline	0	398	1,206	85	0	1,689
Natural Gas Processing Plant	4	110	437	13	5	569
Other Hydrocarbons/Hydrogen/Oxygenates	**2,772**	**2,391**	**5,503**	**152**	**2,310**	**13,128**
Refinery	2,198	828	2,277	79	1,584	6,966
Bulk Terminal	574	1,557	3,226	49	467	5,873
Pipeline	0	6	0	24	259	289
Other Hydrocarbons/Hydrogen	**0**	**35**	**1**	**0**	**5**	**41**
Refinery	0	35	1	0	5	41
Fuel Ethanol	**377**	**2,290**	**921**	**117**	**507**	**4,212**
Refinery	W	734	W	W	W	1,004
Bulk Terminal[b]	W	W	W	W	W	W
Pipeline	W	W	W	W	W	W
ETBE	**W**	**W**	**W**	**W**	**W**	**W**
Refinery	W	W	W	W	W	W
Bulk Terminal[b]	W	W	W	W	W	W
Pipeline	W	W	W	W	W	W
Methanol	**W**	**W**	**W**	**W**	**W**	**957**
Refinery	W	W	W	W	W	957

See footnotes at end of table.

Table 51. Stocks of Crude Oil and Petroleum Products by PAD District, October 2001 (Continued)

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts					U. S. Total
	I	II	III	IV	V	
MTBE	**1,903**	**W**	**3,776**	**W**	**1,794**	**7,556**
Refinery	1,652	W	1,696	W	1,462	4,852
Bulk Terminal [b]	W	W	2,080	W	103	2,469
Pipeline	W	W	0	W	229	235
Other Oxygenates [c]	**W**	**W**	**W**	**W**	**W**	**W**
Refinery	W	W	W	W	W	W
Bulk Terminal [b]	W	W	W	W	W	W
Pipeline	W	W	W	W	W	W
Unfinished Oils	**9,184**	**15,072**	**44,556**	**3,102**	**20,293**	**92,207**
Refinery						
Naphthas and Lighter	2,310	4,175	12,060	842	3,877	23,264
Kerosene and Light Gas Oils	1,846	2,716	8,212	462	3,663	16,899
Heavy Gas Oils	3,072	5,000	17,014	1,387	9,663	36,136
Residuum	1,956	3,181	7,270	411	3,090	15,908
Motor Gasoline Blending Components	**6,488**	**11,809**	**16,169**	**1,747**	**11,407**	**47,620**
Refinery	6,185	9,182	13,952	1,746	9,636	40,701
Bulk Terminal	208	624	1,369	0	1,025	3,226
Pipeline	95	2,003	848	1	746	3,693
Aviation Gasoline Blending Components	**175**	**27**	**17**	**0**	**0**	**219**
Refinery	175	27	17	0	0	219
Finished Motor Gasoline	**49,861**	**40,020**	**45,679**	**4,641**	**19,307**	**159,508**
Refinery	9,933	7,975	18,387	2,074	8,808	47,177
Bulk Terminal	26,112	17,790	10,137	1,082	8,132	63,253
Pipeline	13,816	14,255	17,155	1,485	2,367	49,078
Reformulated	**19,999**	**1,895**	**10,957**	**0**	**10,748**	**43,599**
Refinery	5,783	208	4,583	0	4,890	15,464
Bulk Terminal	9,437	1,299	3,029	0	4,410	18,175
Pipeline	4,779	388	3,345	0	1,448	9,960
Oxygenated	**83**	**229**	**1**	**79**	**12**	**404**
Refinery	11	128	1	79	12	231
Bulk Terminal	72	101	0	0	0	173
Pipeline	0	0	0	0	0	0
Other	**29,779**	**37,896**	**34,721**	**4,562**	**8,547**	**115,505**
Refinery	4,139	7,639	13,803	1,995	3,906	31,482
Bulk Terminal	16,603	16,390	7,108	1,082	3,722	44,905
Pipeline	9,037	13,867	13,810	1,485	919	39,118
Finished Aviation Gasoline	**107**	**297**	**657**	**33**	**377**	**1,471**
Refinery	36	123	595	26	234	1,014
Bulk Terminal	71	162	31	7	143	414
Pipeline	0	12	31	0	0	43
Naphtha-Type Jet Fuel	**0**	**0**	**1**	**0**	**22**	**23**
Refinery	0	0	1	0	16	17
Bulk Terminal	0	0	0	0	6	6
Pipeline	0	0	0	0	0	0
Kerosene-Type Jet Fuel	**11,977**	**6,413**	**12,943**	**784**	**8,239**	**40,356**
Refinery	3,556	2,446	6,331	362	4,663	17,358
Bulk Terminal	3,879	1,510	1,248	162	2,233	9,032
Pipeline	4,542	2,457	5,364	260	1,343	13,966

See footnotes at end of table.

Table 51. Stocks of Crude Oil and Petroleum Products by PAD District, October 2001 (Continued)

(Thousand Barrels)

Commodity	Petroleum Administration for Defense Districts					U. S. Total
	I	II	III	IV	V	
Kerosene	**3,955**	**1,188**	**917**	**76**	**106**	**6,242**
Refinery	191	519	521	36	82	1,349
Bulk Terminal	3,639	603	368	0	16	4,626
Pipeline	125	66	28	40	8	267
Distillate Fuel Oil[e]	**56,980**	**25,683**	**31,408**	**2,623**	**11,920**	**128,614**
Refinery	14,121	7,433	16,253	1,319	5,952	45,078
Bulk Terminal	35,182	9,354	4,633	456	3,606	53,231
Pipeline	7,677	8,896	10,522	848	2,362	30,305
0.05 Percent Sulfur and Under	**18,733**	**18,628**	**19,873**	**2,190**	**9,463**	**68,887**
Refinery	2,654	4,624	9,833	987	4,563	22,661
Bulk Terminal	12,355	6,933	3,283	388	2,713	25,672
Pipeline	3,724	7,071	6,757	815	2,187	20,554
Greater than 0.05 Percent Sulfur	**38,247**	**7,055**	**11,535**	**433**	**2,457**	**59,727**
Refinery	11,467	2,809	6,420	332	1,389	22,417
Bulk Terminal	22,827	2,421	1,350	68	893	27,559
Pipeline	3,953	1,825	3,765	33	175	9,751
Residual Fuel Oil[d]	**15,618**	**1,722**	**14,179**	**471**	**5,944**	**37,934**
Refinery	5,627	1,225	5,471	471	3,828	16,622
Bulk Terminal	9,991	497	8,708	0	2,067	21,263
Pipeline	0	0	0	0	49	49
Less than 0.31% Sulfur	**4,816**	**222**	**2,035**	**21**	**624**	**7,718**
Refinery	1,684	0	183	21	610	2,498
Bulk Terminal	3,132	222	1,852	0	14	5,220
0.31 to 1.00% Sulfur	**6,584**	**303**	**3,250**	**225**	**1,710**	**12,072**
Refinery	3,215	223	681	225	1,340	5,684
Bulk Terminal	3,369	80	2,569	0	370	6,388
Greater than 1.00% Sulfur	**4,218**	**1,197**	**8,894**	**225**	**3,561**	**18,095**
Refinery	728	1,002	4,607	225	1,878	8,440
Bulk Terminal	3,490	195	4,287	0	1,683	9,655
Naphtha for Petrochemical Feedstock Use	**622**	**258**	**1,740**	**0**	**73**	**2,693**
Refinery	622	258	1,740	0	73	2,693
Other Oils for Petrochemical Feedstock Use	**0**	**55**	**1,518**	**0**	**119**	**1,692**
Refinery	0	55	1,518	0	119	1,692
Special Naphthas	**77**	**361**	**1,384**	**5**	**20**	**1,847**
Refinery	61	361	1,260	5	20	1,707
Bulk Terminal	16	0	124	0	0	140
Lubricants	**2,121**	**1,784**	**6,429**	**0**	**1,743**	**12,077**
Refinery	622	84	5,368	0	1,265	7,339
Bulk Terminal	1,499	1,700	1,061	0	478	4,738
Waxes	**213**	**92**	**393**	**9**	**151**	**858**
Refinery	213	92	393	9	151	858
Petroleum Coke	**197**	**1,699**	**3,837**	**42**	**2,462**	**8,237**
Refinery	197	1,699	3,837	42	2,462	8,237
Asphalt and Road Oil	**2,867**	**7,569**	**3,320**	**833**	**1,932**	**16,521**
Refinery	1,127	4,260	2,749	708	1,441	10,285
Bulk Terminal	1,740	3,309	571	125	491	6,236
Miscellaneous Products	**40**	**200**	**577**	**21**	**413**	**1,251**
Refinery	14	85	386	2	325	812
Bulk Terminal	26	98	174	12	88	398
Pipeline	0	17	17	7	0	41
Total Stocks, All Oils	**184,581**	**227,711**	**988,815**	**30,195**	**144,301**	**1,575,603**

[a] Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.
[b] Includes stocks held by merchant producers.
[c] Includes tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers Intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).
[d] Sulfur content not available for stocks held by pipelines.
[e] Distillate stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix E.
W = Withheld to avoid disclosure of individual company data.
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," and EIA-816, "Monthly Natural Gas Liquids Report."

Table 52. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2001

(Thousand Barrels)

PAD District and State	Motor Gasoline				Kerosene	Distillate Fuel Oil[a]			Residual Fuel	Propane/ Propylene
	Total	Reformulated	Oxygenated	Other		Total	0.05% Sulfur and Under	Greater than 0.05% Sulfur		
PAD District I	**36,045**	**15,220**	**83**	**20,742**	**3,830**	**49,303**	**15,009**	**34,294**	**15,618**	**3,484**
Connecticut	1,138	1,138	0	0	280	4,874	604	4,270	50	W
Delaware, D.C., Maryland	2,056	1,635	0	421	339	3,166	875	2,291	1,666	W
Florida	4,538	0	0	4,538	33	1,872	1,277	595	959	565
Georgia	2,197	11	0	2,186	46	1,213	738	475	210	W
Maine, New Hampshire, Vermont	1,213	401	0	812	547	2,316	683	1,633	860	W
Massachusetts	1,443	1,443	0	0	272	2,172	404	1,768	699	W
New Jersey	7,294	5,280	0	2,014	835	15,419	2,880	12,539	5,593	W
New York	3,521	1,379	72	2,070	471	7,523	2,174	5,349	2,371	W
North Carolina	2,275	15	0	2,260	201	1,849	1,025	824	601	W
Pennsylvania	6,184	1,817	0	4,367	512	5,028	2,434	2,594	1,001	W
Rhode Island	602	602	0	0	W	1,001	261	740	W	W
South Carolina	891	29	0	862	124	678	458	220	W	W
Virginia	2,520	1,470	0	1,050	122	2,099	1,111	988	941	W
West Virginia	173	0	11	162	W	93	85	8	W	W
PAD District II	**25,765**	**1,507**	**229**	**24,029**	**1,122**	**16,787**	**11,557**	**5,230**	**1,722**	**22,026**
Illinois	3,207	647	0	2,560	86	2,384	1,832	552	600	984
Indiana	3,825	262	0	3,563	222	2,836	1,513	1,323	118	W
Iowa	955	10	0	945	W	775	627	148	W	W
Kansas, Nebraska	1,936	0	0	1,936	3	1,422	1,119	303	67	14,162
Kentucky	1,406	296	0	1,110	53	700	312	388	W	W
Michigan	2,637	0	0	2,637	204	1,131	917	214	82	3,897
Minnesota	1,783	0	128	1,655	W	1,113	945	168	115	W
Missouri	1,132	183	0	949	W	642	508	134	W	W
North Dakota, South Dakota	554	0	1	553	W	386	289	97	W	W
Ohio	3,493	0	0	3,493	297	2,217	1,269	948	213	W
Oklahoma	1,902	0	0	1,902	W	1,291	892	399	56	415
Tennessee	1,579	0	100	1,479	61	669	482	187	235	W
Wisconsin	1,356	109	0	1,247	W	1,221	852	369	59	W
PAD District III	**28,524**	**7,612**	**1**	**20,911**	**889**	**20,886**	**13,116**	**7,770**	**14,179**	**27,375**
Alabama	1,373	10	0	1,363	44	689	376	313	154	132
Arkansas	738	0	0	738	W	508	305	203	W	W
Louisiana	5,934	488	0	5,446	298	4,853	2,178	2,675	5,426	2,570
Mississippi	2,067	92	0	1,975	222	915	464	451	W	8,413
New Mexico	444	0	1	443	W	287	210	77	10	W
Texas	17,968	7,022	0	10,946	320	13,634	9,583	4,051	8,224	16,149
PAD District IV	**3,156**	**0**	**79**	**3,077**	**36**	**1,775**	**1,375**	**400**	**471**	**446**
Colorado	934	0	79	855	W	260	203	57	W	W
Idaho	308	0	0	308	W	163	95	68	W	W
Montana	840	0	0	840	W	463	463	0	97	25
Utah	588	0	0	588	W	531	281	250	86	334
Wyoming	486	0	0	486	W	358	333	25	W	45
PAD District V	**16,940**	**9,300**	**12**	**7,628**	**98**	**9,558**	**7,276**	**2,282**	**5,895**	**3,226**
Alaska	480	0	0	480	W	661	5	656	W	W
Arizona	591	61	1	529	W	584	574	10	W	W
California	10,413	9,239	10	1,164	92	5,354	5,145	209	2,976	829
Hawaii	713	0	0	713	W	536	123	413	W	W
Nevada	174	0	0	174	W	122	117	5	W	W
Oregon	1,175	0	1	1,174	W	602	407	195	412	W
Washington	3,394	0	0	3,394	W	1,699	905	794	1,124	28
U.S. Total[a]	**110,430**	**33,639**	**404**	**76,387**	**5,975**	**98,309**	**48,333**	**49,976**	**37,885**	**56,557**

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

W = Withheld to avoid disclosure of individual company data.

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 53. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2001

(Thousand Barrels)

Commodity	From I to			From II to				From III to	
	II	III	V	I	III	IV	V	I	II
Crude Oil	**0**	**290**	**0**	**395**	**1,179**	**974**	**0**	**0**	**54,351**
Petroleum Products	**8,989**	**40**	**0**	**2,715**	**6,780**	**3,231**	**0**	**98,982**	**34,271**
Pentanes Plus	0	0	0	0	200	1	0	0	481
Liquefied Petroleum Gases	112	0	0	1,028	4,080	79	0	2,741	4,247
Unfinished Oils	26	0	0	32	373	0	0	0	322
Motor Gasoline Blending Components	42	0	0	174	0	6	0	0	3,420
Finished Motor Gasoline	6,126	0	0	633	1,231	1,315	0	56,271	12,727
Reformulated	0	0	0	0	637	0	0	10,550	2,198
Oxygenated	0	0	0	0	0	0	0	0	0
Other	6,126	0	0	633	594	1,315	0	45,721	10,529
Finished Aviation Gasoline	0	0	0	0	0	11	0	79	72
Jet Fuel	233	0	0	103	0	1,084	0	13,429	3,953
Naphtha-Type	0	0	0	0	0	0	0	0	0
Kerosene-Type	233	0	0	103	0	1,084	0	13,429	3,953
Kerosene	15	0	0	33	0	0	0	93	5
Distillate Fuel Oil	2,388	0	0	433	355	735	0	24,859	7,991
0.05 percent sulfur and under	1,963	0	0	231	239	735	0	16,432	7,028
Greater than 0.05 percent sulfur	425	0	0	202	116	0	0	8,427	963
Residual Fuel Oil	0	0	0	18	391	0	0	277	47
Petrochemical Feedstocks[a]	47	0	0	10	114	0	0	22	30
Special Naphthas	0	0	0	0	13	0	0	40	68
Lubricants	0	40	0	63	19	0	0	747	503
Waxes	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	188	4	0	0	424	405
Miscellaneous Products	0	0	0	0	0	0	0	0	0
Total	**8,989**	**330**	**0**	**3,110**	**7,959**	**4,205**	**0**	**98,982**	**88,622**

Commodity	From III to		From IV to			From V to			
	IV	V	II	III	V	I	II	III	IV
Crude Oil	**0**	**0**	**3,106**	**786**	**0**	**0**	**0**	**0**	**0**
Petroleum Products	**347**	**3,130**	**2,054**	**4,328**	**735**	**0**	**0**	**0**	**0**
Pentanes Plus	0	0	130	373	0	0	0	0	0
Liquefied Petroleum Gases	0	0	1,130	3,955	0	0	0	0	0
Unfinished Oils	0	0	0	0	0	0	0	0	0
Motor Gasoline Blending Components	0	1,519	0	0	0	0	0	0	0
Finished Motor Gasoline	263	1,171	523	0	577	0	0	0	0
Reformulated	0	0	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0	0	0
Other	263	1,171	523	0	577	0	0	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0	0	0
Jet Fuel	44	215	2	0	13	0	0	0	0
Naphtha-Type	0	0	0	0	0	0	0	0	0
Kerosene-Type	44	215	2	0	13	0	0	0	0
Kerosene	0	0	19	0	0	0	0	0	0
Distillate Fuel Oil	40	209	250	0	145	0	0	0	0
0.05 percent sulfur and under	40	181	250	0	145	0	0	0	0
Greater than 0.05 percent sulfur	0	28	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
Special Naphthas	0	0	0	0	0	0	0	0	0
Lubricants	0	16	0	0	0	0	0	0	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	**347**	**3,130**	**5,160**	**5,114**	**735**	**0**	**0**	**0**	**0**

[a] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

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."

Table 54. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2001

(Thousand Barrels)

Commodity	From I to		From II to			From III to	
	II	III	I	III	IV	I	II
Crude Oil	**0**	**290**	**221**	**1,179**	**974**	**0**	**54,351**
Petroleum Products	**8,846**	**0**	**1,235**	**5,732**	**3,231**	**78,507**	**28,531**
Pentanes Plus	0	0	0	200	1	0	481
Liquefied Petroleum Gases	112	0	1,028	4,080	79	2,541	4,247
Motor Gasoline Blending Components	0	0	174	0	6	0	2,682
Finished Motor Gasoline	6,126	0	3	1,146	1,315	43,568	11,094
Reformulated	0	0	0	637	0	9,942	1,728
Oxygenated	0	0	0	0	0	0	0
Other	6,126	0	3	509	1,315	33,626	9,366
Finished Aviation Gasoline	0	0	0	0	11	0	64
Jet Fuel	233	0	30	0	1,084	11,423	3,626
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	233	0	30	0	1,084	11,423	3,626
Kerosene	15	0	0	0	0	93	0
Distillate Fuel Oil	2,360	0	0	306	735	20,882	6,337
0.05 percent sulfur and under	1,963	0	0	226	735	13,173	5,993
Greater than 0.05 percent sulfur	397	0	0	80	0	7,709	344
Residual Fuel Oil	0	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	**8,846**	**290**	**1,456**	**6,911**	**4,205**	**78,507**	**82,882**

Commodity	From III to		From IV to			From V to	
	IV	V	II	III	V	III	IV
Crude Oil	**0**	**0**	**3,106**	**786**	**0**	**0**	**0**
Petroleum Products	**347**	**2,766**	**2,054**	**4,328**	**735**	**0**	**0**
Pentanes Plus	0	0	130	373	0	0	0
Liquefied Petroleum Gases	0	0	1,130	3,955	0	0	0
Motor Gasoline Blending Components	0	1,217	0	0	0	0	0
Finished Motor Gasoline	263	1,125	523	0	577	0	0
Reformulated	0	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	263	1,125	523	0	577	0	0
Finished Aviation Gasoline	0	0	0	0	0	0	0
Jet Fuel	44	215	2	0	13	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	44	215	2	0	13	0	0
Kerosene	0	0	19	0	0	0	0
Distillate Fuel Oil	40	209	250	0	145	0	0
0.05 percent sulfur and under	40	181	250	0	145	0	0
Greater than 0.05 percent sulfur	0	28	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	**347**	**2,766**	**5,160**	**5,114**	**735**	**0**	**0**

Sources: Energy Information Administration (EIA) Forms EIA-812, “Monthly Product Pipeline Report,” and EIA-813, Monthly Crude Oil Report."

Table 55. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 2001

(Thousand Barrels)

Commodity	From I to			From II to			From III to	
	II	III	V	I	III	V	I	New England
Crude Oil	**0**	**0**	**0**	**174**	**0**	**0**	**0**	**0**
Petroleum Products	**143**	**40**	**0**	**1,480**	**1,048**	**0**	**20,475**	**288**
Liquefied Petroleum Gases	0	0	0	0	0	0	200	0
Unfinished Oils	26	0	0	32	373	0	0	0
Motor Gasoline Blending Components	42	0	0	0	0	0	0	0
Finished Motor Gasoline	0	0	0	630	85	0	12,703	0
Reformulated	0	0	0	0	0	0	608	0
Oxygenated	0	0	0	0	0	0	0	0
Other	0	0	0	630	85	0	12,095	0
Finished Aviation Gasoline	0	0	0	0	0	0	79	0
Jet Fuel	0	0	0	73	0	0	2,006	0
Naphtha-Type	0	0	0	0	0	0	0	0
Kerosene-Type	0	0	0	73	0	0	2,006	0
Kerosene	0	0	0	33	0	0	0	0
Distillate Fuel Oil	28	0	0	433	49	0	3,977	281
0.05 percent sulfur and under	0	0	0	231	13	0	3,259	281
Greater then 0.05 percent sulfur	28	0	0	202	36	0	718	0
Residual Fuel Oil	0	0	0	18	391	0	277	7
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	18	391	0	277	7
Petrochemical Feedstocks[a]	47	0	0	10	114	0	22	0
Special Naphthas	0	0	0	0	13	0	40	0
Lubricants	0	40	0	63	19	0	747	0
Waxes	0	0	0	0	0	0	0	0
Asphalt and Road Oil	0	0	0	188	4	0	424	0
Miscellaneous Products	0	0	0	0	0	0	0	0
Total	**143**	**40**	**0**	**1,654**	**1,048**	**0**	**20,475**	**288**

Commodity	From III to				From V to		
	Central Atlantic	Lower Atlantic	II	V	I	II	III
Crude Oil	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Petroleum Products	**892**	**19,295**	**5,740**	**364**	**0**	**0**	**0**
Liquefied Petroleum Gases	0	200	0	0	0	0	0
Unfinished Oils	0	0	322	0	0	0	0
Motor Gasoline Blending Components	0	0	738	302	0	0	0
Finished Motor Gasoline	0	12,703	1,633	46	0	0	0
Reformulated	0	608	470	0	0	0	0
Oxygenated	0	0	0	0	0	0	0
Other	0	12,095	1,163	46	0	0	0
Finished Aviation Gasoline	39	40	8	0	0	0	0
Jet Fuel	0	2,006	327	0	0	0	0
Naphtha-Type	0	0	0	0	0	0	0
Kerosene-Type	0	2,006	327	0	0	0	0
Kerosene	0	0	5	0	0	0	0
Distillate Fuel Oil	282	3,414	1,654	0	0	0	0
0.05 percent sulfur and under	282	2,696	1,035	0	0	0	0
Greater then 0.05 percent sulfur	0	718	619	0	0	0	0
Residual Fuel Oil	0	270	47	0	0	0	0
Less than 0.31 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	270	47	0	0	0	0
Petrochemical Feedstocks[a]	22	0	30	0	0	0	0
Special Naphthas	0	40	68	0	0	0	0
Lubricants	406	341	503	16	0	0	0
Waxes	0	0	0	0	0	0	0
Asphalt and Road Oil	143	281	405	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0
Total	**892**	**19,295**	**5,740**	**364**	**0**	**0**	**0**

[a] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

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

Table 56. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, October 2001

(Thousand Barrels)

Commodity	PAD District I			PAD District II		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	**395**	**290**	**105**	**57,457**	**2,548**	**54,909**
Petroleum Products	**101,697**	**9,029**	**92,668**	**45,314**	**12,726**	**32,588**
Pentanes Plus	0	0	0	611	201	410
Liquefied Petroleum Gases	3,769	112	3,657	5,489	5,187	302
Ethane/Ethylene	0	0	0	615	2,471	-1,856
Propane/Propylene	3,576	0	3,576	3,545	1,752	1,793
Normal Butane/Butylene	171	112	59	801	715	86
Isobutane/Isobutylene	22	0	22	528	249	279
Unfinished Oils	32	26	6	348	405	-57
Motor Gasoline Blending Components	174	42	132	3,462	180	3,282
Finished Motor Gasoline	56,904	6,126	50,778	19,376	3,179	16,197
Reformulated	10,550	0	10,550	2,198	637	1,561
Oxygenated	0	0	0	0	0	0
Other	46,354	6,126	40,228	17,178	2,542	14,636
Finished Aviation Gasoline	79	0	79	72	11	61
Jet Fuel	13,532	233	13,299	4,188	1,187	3,001
Naphtha-Type	0	0	0	0	0	0
Kerosene-Type	13,532	233	13,299	4,188	1,187	3,001
Kerosene	126	15	111	39	33	6
Distillate Fuel Oil	25,292	2,388	22,904	10,629	1,523	9,106
0.05 percent sulfur and under	16,663	1,963	14,700	9,241	1,205	8,036
Greater than 0.05 percent sulfur	8,629	425	8,204	1,388	318	1,070
Residual Fuel Oil	295	0	295	47	409	-362
Petrochemical Feedstocks[a]	32	47	-15	77	124	-47
Special Naphthas	40	0	40	68	13	55
Lubricants	810	40	770	503	82	421
Waxes	0	0	0	0	0	0
Asphalt and Road Oil	612	0	612	405	192	213
Miscellaneous Products	0	0	0	0	0	0
Total	**102,092**	**9,319**	**92,773**	**102,771**	**15,274**	**87,497**

Commodity	PAD District III			PAD District IV			PAD District V		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	**2,255**	**54,351**	**-52,096**	**974**	**3,892**	**-2,918**	**0**	**0**	**0**
Petroleum Products	**11,148**	**136,730**	**-125,582**	**3,578**	**7,117**	**-3,539**	**3,865**	**0**	**3,865**
Pentanes Plus	573	481	92	1	503	-502	0	0	0
Liquefied Petroleum Gases	8,035	6,988	1,047	79	5,085	-5,006	0	0	0
Ethane/Ethylene	4,970	248	4,722	0	2,866	-2,866	0	0	0
Propane/Propylene	1,741	5,713	-3,972	77	1,474	-1,397	0	0	0
Normal Butane/Butylene	869	562	307	2	454	-452	0	0	0
Isobutane/Isobutylene	455	465	-10	0	291	-291	0	0	0
Unfinished Oils	373	322	51	0	0	0	0	0	0
Motor Gasoline Blending Components	0	4,939	-4,939	6	0	6	1,519	0	1,519
Finished Motor Gasoline	1,231	70,432	-69,201	1,578	1,100	478	1,748	0	1,748
Reformulated	637	12,748	-12,111	0	0	0	0	0	0
Oxygenated	0	0	0	0	0	0	0	0	0
Other	594	57,684	-57,090	1,578	1,100	478	1,748	0	1,748
Finished Aviation Gasoline	0	151	-151	11	0	11	0	0	0
Jet Fuel	0	17,641	-17,641	1,128	15	1,113	228	0	228
Naphtha-Type	0	0	0	0	0	0	0	0	0
Kerosene-Type	0	17,641	-17,641	1,128	15	1,113	228	0	228
Kerosene	0	98	-98	0	19	-19	0	0	0
Distillate Fuel Oil	355	33,099	-32,744	775	395	380	354	0	354
0.05 percent sulfur and under	239	23,681	-23,442	775	395	380	326	0	326
Greater than 0.05 percent sulfur	116	9,418	-9,302	0	0	0	28	0	28
Residual Fuel Oil	391	324	67	0	0	0	0	0	0
Petrochemical Feedstocks[a]	114	52	62	0	0	0	0	0	0
Special Naphthas	13	108	-95	0	0	0	0	0	0
Lubricants	59	1,266	-1,207	0	0	0	16	0	16
Waxes	0	0	0	0	0	0	0	0	0
Asphalt and Road Oil	4	829	-825	0	0	0	0	0	0
Miscellaneous Products	0	0	0	0	0	0	0	0	0
Total	**13,403**	**191,081**	**-177,678**	**4,552**	**11,009**	**-6,457**	**3,865**	**0**	**3,865**

[a] Includes naphtha less than 401° F endpoint and other oils equal to or greater than 401° F endpoint.

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."

Appendix A

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: 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.

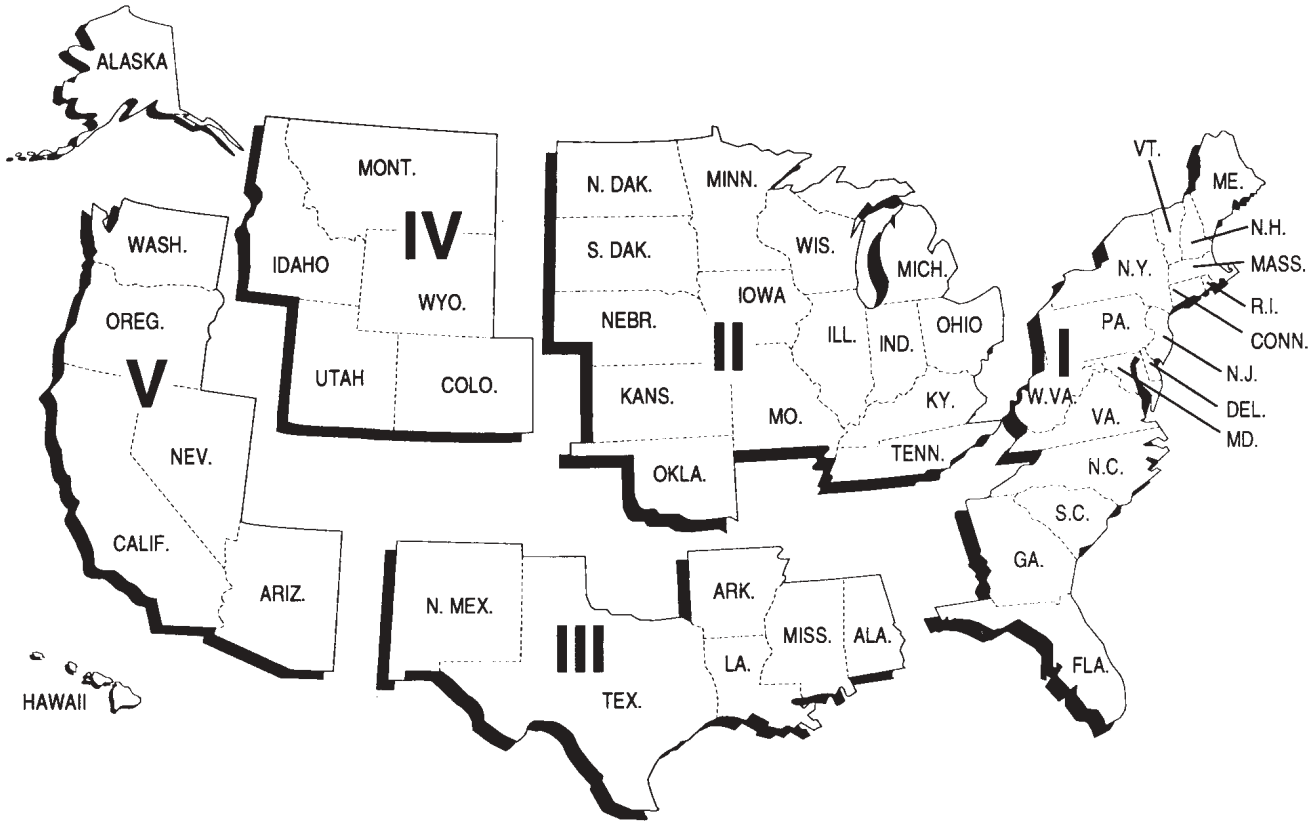
PAD District IV

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

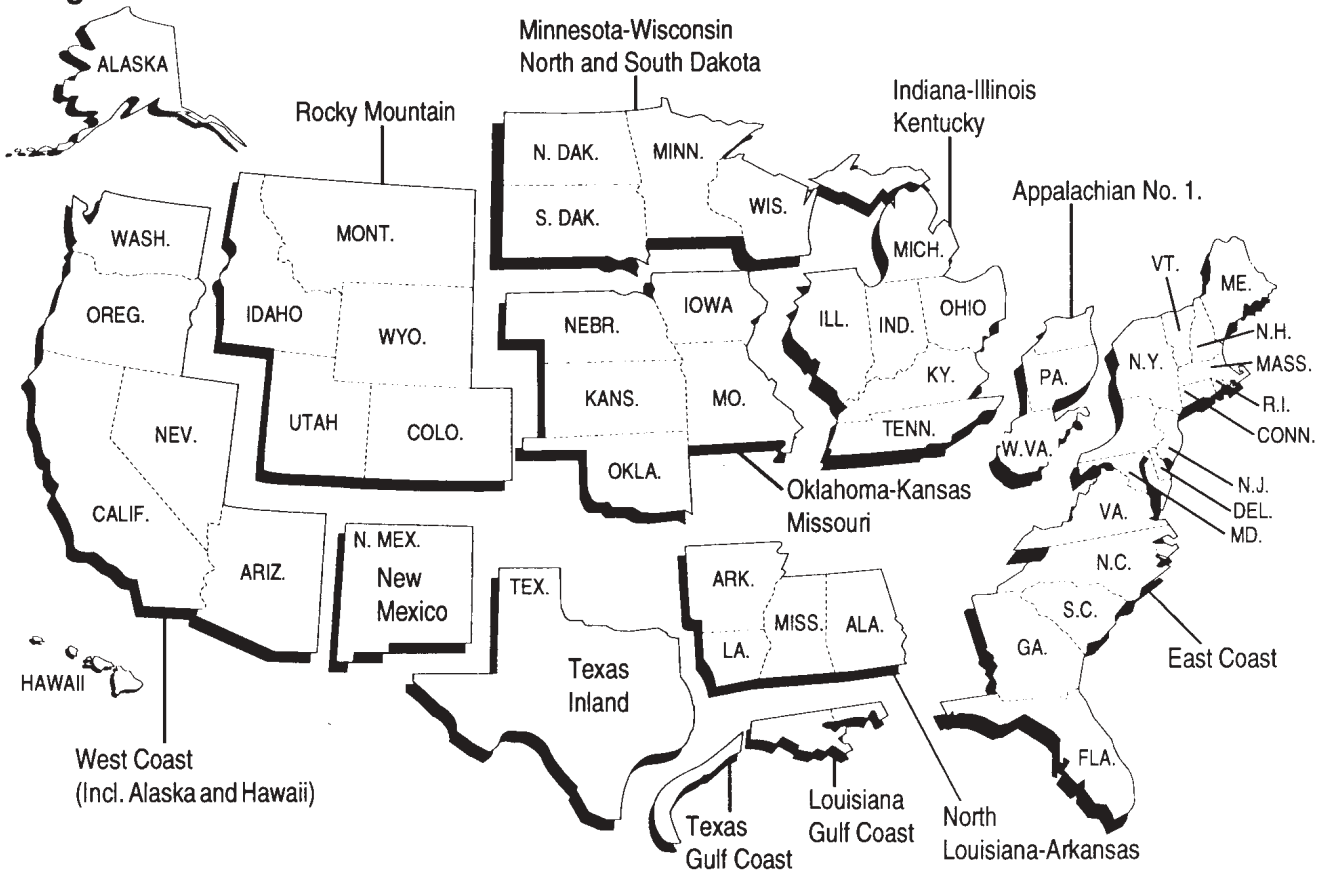
PAD District V

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

Petroleum Administration for Defense (PAD) Districts



Refining Districts



Appendix B

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. Practical Limitations of Data Collection Efforts
- Note 9. 1994 Changes in the Petroleum Supply Monthly

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:

Form Number	Name
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-807	"Propane Telephone Survey"
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-816	"Monthly Natural Gas Liquids Report"
EIA-817	"Monthly Tanker and Barge Movement Report"
EIA-819M	"Monthly Oxygenate Telephone Report"
EIA-820	"Biennial Refinery Report"

Forms EIA-800 through 804 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).

The Form EIA-807, "Propane Telephone Survey" is used to collect data on production, stocks, and imports of propane. These data are used to monitor the supply of propane and to report to the Congress and others on supplies when requested. Data are collected from a sample of respondents reporting on the Monthly Petroleum Supply Reporting System (MPSRS) surveys. Data are collected on a weekly basis during the heating season (October through March) and published electronically in the *Winter Fuels Report*. During the non-heating season (April through September) data are collected on end-of-month stocks only. These data are published in the *WPSR*.

Forms EIA-810 through 814, 816, and 817 comprise the MPSRS. These surveys are used to collect detailed refinery/blender and natural gas plant operations data; refinery/blender, bulk terminal, natural gas plant, 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), Volumes 1 and 2.

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 2001 issue and evaluated the accuracy of the data for the current year compared with the previous year.

The Form EIA-819M, "Monthly Oxygenate Telephone Report," is used to collect preliminary data on production and stocks of oxygenates by PAD District. These data are

used to monitor the supply of oxygenates. Data are collected from a sample of respondents reporting on the MPSRS surveys and from the universe of oxygenate producers. Data are published in Appendix D of this publication and in the *WPSR*.

The Form EIA-820, "Annual Refinery Report," is used to collect data on refinery fuel use and consumption of steam and electricity, refinery receipts of crude oil by method of transportation, operable capacity for atmospheric crude oil distillation units and downstream units, as well as production capacity and storage capacity for petroleum products. This survey is the primary source of data in the Refinery Capacity section of the *PSA* Volume 1.

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:

Form Number	Name
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-816	"Monthly Natural Gas Liquids Report"
EIA-817	"Monthly Tanker and Barge Movement Report"
EIA-819M	"Monthly Oxygenate Telephone Report"

Respondent Frame

Form EIA-810, "Monthly Refinery Report" - Operators of all operating and idle petroleum refineries and blending plants located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions. Approximately 260 respondents report 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. In addition, the Form EIA-811 must be completed by merchant oxygenate plants that produce oxygenates. Approximately 320 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 intracompany pipelines) in the 50 States and the District of Columbia. Approximately 80 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 intracompany 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 175 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 220 respondents report on the Form EIA-814.

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 585 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 which 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-819M, "Monthly Oxygenate Telephone Report" - The sample of companies that report on the EIA-819M are selected from the universe of companies that report on the MPSRS surveys and from the universe of oxygenate producers. The universe consists of (1) operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations); (2) operators of petroleum refineries; and (3) operators of bulk terminals, bulk stations, blending plants, and other nonrefinery facilities that store and/or blend oxygenate. Approximately 85 respondents report on the Form EIA-819M.

Sampling

The sampling procedure used for the survey Form EIA-819M is the cut-off method and is performed using software developed by EIA's Office of Statistical Standards. In the cut-off method, companies are ranked from largest to smallest on the basis of quantities reported (oxygenate production and oxygenate stocks.) Companies are chosen for the sample beginning with the largest and adding companies until the total sample covers approximately 90 percent of the total for each oxygenate item and supply type by geographic region (PAD Districts I through V) for which data may be published.

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 company or merchant oxygenate plant regardless of ownership. Leased tankage at other facilities is excluded. All domestic and foreign 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 stocks 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-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-819M, "Monthly Oxygenate Telephone 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

Except for the EIA-819M, 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. Data collection for the 819M begins on the seventh working day of each month. Data are solicited by telephone or transmitted to the EIA by facsimile. Receipt of the reports are 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, 816, and 819M. For such companies, previous monthly values are used for current values.

On the EIA-819M, data are aggregated for each geographic region. Estimation factors, which are derived from the previous year's data, are then applied to each cell to generate published estimates.

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

Confidentiality

The Office of Legal Counsel of the Department of Justice concluded on March 20, 1991, that the Federal Energy Administration Act requires the EIA to provide company-specific data to the Department of Justice, or to any 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.

The information contained on Forms EIA-810 through 813, 816, 817, and 819M are kept confidential and not disclosed to the public to the extent that they satisfy the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. 552, the Department of Energy (DOE) regulations, 10 C.F.R. 1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. 1905. The information contained on Form EIA-814 are not considered confidential and historically has not been treated as such.

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

The data collected on Forms EIA-810 through 814, 816, and 817 appear in EIA publications such as *Petroleum Supply Monthly* (PSM), *Monthly Energy Review, Petroleum Supply Annual* (PSA), and the *Annual Energy Review.*

Data on the breakdown between liquefied refinery gases and olefins, and lubricants is suppressed on *PSM* Table 29, "Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts" and the corresponding *PSA* table to avoid disclosure of company identifiable data.

Statistics representing data aggregated from less than three companies or aggregated data representing 60 percent or more of a single company's data are suppressed on the PSM and corresponding PSA tables listed below. In addition, complementary suppression is performed to avoid any residual disclosure.

- Table 28, "Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts," (inputs of oxygenates)
- Table 30, "Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts," (stocks of oxygenates)
- Table 51, "Stocks of Crude Oil and Petroleum Products by PAD District," (stocks of oxygenates)
- Table 52, "Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products," (all products)
- Table D2, "Monthly Fuel Ethanol Production and Stocks by PAD Districts," and
- Table D3, "Monthly MTBE Production and Stocks by PAD Districts."

With the exception of the tables listed above, the tables in the *PSM* (and corresponding PSA tables) 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.

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, other liquids production, and finished petroleum products 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.

Field production of finished petroleum products is calculated by (1) adding the amount of fuel ethanol that has been blended into finished motor gasoline, and (2) plus (+) or minus (-) the field production of motor gasoline blending components. Refer to Explanatory Note 8 for a further discussion of this calculation.

Negative field production of motor gasoline blending components represents an understatement for finished motor gasoline.

Negative field production of other finished motor gasoline represents an overstatement of other finished motor gasoline and an understatement of oxygenated motor gasoline.

Refinery Production - Published production of these products equal refinery production minus refinery input. Refinery production of other hydrocarbons, hydrogen and oxygenates, unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input. Negative refinery 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.

Unaccounted for Crude Oil - This column is a balancing item for crude oil. This data element represents the difference between crude oil supply and disposition. Crude oil supply is the sum of field production and imports. Crude oil disposition is the sum of stock change, losses, refinery inputs, exports, and products supplied. A positive result indicates that refiners and exporters reported use of more crude oil than was reported to have been available to them. (This occurs, for example, when imports are undercounted due to late reporting or other problems). A negative result indicates that more crude oil was reported to have been supplied to refiners and exporters than they reported to have used.

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, lique-

fied petroleum gases, and pentanes plus) that are processed at refineries to produce finished petroleum products.

Crude oil inputs 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 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 unaccounted for crude oil, (plus net receipts on a PAD District basis), minus stock change, minus crude losses, minus refinery inputs, minus exports.

Products supplied 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 were reported as either distillate or residual fuel oil and were 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 intracompany 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 intracompany 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.

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. Data on crude oil production for Federal offshore areas are reported to the EIA by the Minerals Management Service of the U.S. Department of the Interior and the California Department of Conservation.

Currently, all except four crude oil producing States (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. The final estimate is published in the *Petroleum Supply Annual* (PSA).

Table 26 of this publication 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 more timely 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, these weekly estimates are aggregated into an original estimate of monthly crude oil production. Approximately 45 days later, this original estimate is replaced by State-level interim estimates. The State-level 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.

Table B1 is intended to provide further insight into the EIA's estimates of monthly U.S. crude oil production. It shows: (a) how the aggregate of reported State data evolves over a period of 18 months; (b) the number of producing States that have not reported production for a given month within that period; and (c) various EIA estimates of monthly crude oil production within that period:

- The original estimate is a monthly aggregate of the weekly crude oil production estimates published in the *WPSR*. This original monthly estimate is used in the *Petroleum Supply Monthly* (PSM) Tables S1 and S2 until replaced by the interim estimate.

- The interim estimate is used in the *PSM* Tables 1 through 25, and in Tables S1 and S2 until replaced by the final estimate.

- The initial estimate based upon first purchase data collected on the Form EIA-182 is used as an estimation tool in generating the interim estimate. The initial volume represents the best estimate available 40 days after the end of the production month and includes imputation for nonresponse and possible reporting errors. The revised volume is the best estimate available about 70 days after the production month and includes imputation as needed. A final revision is published concurrent with publication of Form EIA-182 price data in the *Petroleum Marketing Annual*.

- The final estimate is published in the *PSA*.

Note 5. Export Data

Each month the Energy Information Administration (EIA) receives magnetic tapes of 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 nongovernment 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 official U.S. export statistics are compiled by the U.S. Bureau of the Census. Exporters are required to file export documents with U.S. Customs officials (Customs Form 7525).

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,

Table B1. U.S. Crude Oil[a] Production Estimates and Reported States[b] Data by Month
(Thousand Barrels per Day)

Date of Data Availability	Month of Production																	
	6-00	7-00	8-00	9-00	10-00	11-00	12-00	1-01	2-01	3-01	4-01	5-01	6-01	7-01	8-01	9-01	10-01	11-01
Reported State Data																		
8-14-00	1245	0																
9-14-00	1512	1215	0															
10-14-00	3779	1568	954	0														
11-14-00	5442	2231	1316	1207	0													
12-14-00	5443	3891	2353	1311	1264	0												
1-14-01	5561	3966	3863	2336	1536	1290	0											
2-14-01	5645	4181	4165	3956	2436	1516	1397	0										
3-14-01	5736	5573	5562	5478	4915	2489	1543	987	0									
4-14-01	5733	5778	5755	5782	5906	5934	5863	5639	5918	0								
5-14-01	5751	5646	5676	5639	5615	5502	4853	2061	1072	1010	0							
6-14-01	5773	5661	5698	5650	5643	5640	5530	5093	2026	1151	997	0						
7-14-01	5834	5753	5806	5758	5763	5780	5724	5554	5280	2025	1116	973	0					
8-14-01	5839	5757	5808	5762	5775	5789	5733	5576	5508	3991	2179	1222	948	0				
9-14-01	5839	5758	5809	5768	5781	5791	5740	5692	5650	5446	5052	2087	1077	935	0			
10-14-01	5839	5758	5810	5769	5783	5798	5739	5699	5654	5596	5481	3930	1968	1031	973	0		
11-14-01	5839	5758	5810	5777	5791	5812	5787	5716	5697	5783	5722	5392	4706	1907	1087	939	0	
12-14-01	5840	5759	5812	5780	5798	5817	5789	5718	5700	5787	5764	5617	5399	3987	1900	1040	902	7
Producing States Without Reported Monthly Production																		
12-14-01	0	0	0	0	0	0	0	0	0	7	7	8	10	12	20	24	30	32

	Month of Production																	
	6-00	7-00	8-00	9-00	10-00	11-00	12-00	1-01	2-01	3-01	4-01	5-01	6-01	7-01	8-01	9-01	10-01	11-01
Production Estimates																		
Estimate																		
Original[c]	5764	5773	5771	5792	5881	5889	5899	5933	5870	5836	5864	5805	5743	5740	5776	5785	5763	5872
Interim[d]	5824	5792	5813	5767	5820	5868	5839	5836	5840	5878	5854	5859	5799	5807	5823	5829	5812	
Form EIA-182																		
Initial	4956	5020	5056	4994	5089	5221	5123	5137	5154	5102	4727	5341	5100	5197	5112	5210	4994	
Revised....	5046	4983	5106	5121	5086	5216	5175	5068	5188	5182	5380	5307	5133	5183	5100	5094		
Final[e]	5823	5739	5789	5758	5809	5833	5855											

[a] Includes lease condensate.
[b] Includes Federal offshore areas, Gulf of Mexico (PADD III) and Pacific (PADD V), as two separate reporting entities.
[c] Original estimates are weighted averages based on the weekly estimates published in the *Weekly Petroleum Status Report*.
[d] Interim estimates were made 44 days after the end of the production month.
[e] Published in the *Petroleum Supply Annual* 2000, DOE/EIA 0340(00)/2.

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. Through this process, the EIA can maintain consistency among forms, minimize respondent burden, and eliminate ambiguity.

Sampling and Nonsampling Errors

There are two types of errors usually associated with data produced from a survey: nonsampling errors and sampling errors. Because the estimates for the monthly surveys 810 through 813, 816, and 817 are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to nonsampling errors. Nonsampling 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 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.

Response rates on the monthly surveys are very high. In general, response rates average above 95 percent for the weekly survey 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 betweenly 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 *Petroleum Supply Monthly* (PSM) 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. The 819M data, which are based on sample estimates, serve as leading indicators of the PSRS monthly data for oxygenates. To assess the accuracy of the 819M statistics, data are compared with the monthly aggregate data for the EIA-810, 811, and 812 surveys. 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

Resubmissions are any changes to the originally submitted data that were either requested by the EIA or initiated by the respondent. Resubmissions are compared with the original submission and processed at the time of receipt. For Forms EIA-810 through 813, 816, and 817 the Resubmission Tracking System (RTS) is run after resubmissions have been processed for the month. The RTS enables the user to study major products and data series to see how company resubmissions impact published data on a month by month basis. During the processing year, a summary of the effect of these resubmissions to major series is provided in Appendix C.

For the EIA-819M data, a determination is made on whether to process the resubmissions based on the magnitude of the revision. Cell entries on publication tables are marked with an "R" for 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 either by letter or telephone.

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 several frequently published industry periodicals that report changes in status (births, deaths, sales, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. These sources are augmented by articles in newspapers, letters from respondents indicating changes in status, 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 "must submit" companies filing the Form EIA-814 and reviewing the sample frame for the Form EIA-819M, "Monthly Oxygenate Telephone Report."

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. Practical Limitations of Data Collection Efforts

Crude Oil Lease Stock Adjustment

End-of-month crude oil stocks held on leases are reported on the EIA-813, "Monthly Crude Oil Report." However, only those companies that store 1,000 barrels or more of crude oil are required to submit a report. Previous frames analysis has shown that crude oil stocks held on leases reported to the EIA are consistently lower than the lease stocks reported to individual states.

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.

Trans Alaskan Pipeline System Adjustment

Beginning with the January 1989 data, adjustments are made to refinery inputs and product supplied of natural gas liquids (NGLs) and refinery inputs of crude oil to account for refiner misreporting. Substantial volumes of NGLs 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 NGLs 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 V for butane and pentanes plus.

The reporting problem which began in 1987 grew as injections on NGLs into the TAPS increased. Data for 1988 was revised in the *Petroleum Supply Annual* to account for the adjustment.

Finished Motor Gasoline Product Supplied Adjustment

Beginning with the reporting of January 1993 data, adjustments were made to the product supplied series for finished motor gasoline. It was recognized that motor gasoline statistics published by the EIA through 1992 were underreported because the reporting system was not collecting all fuel ethanol and motor gasoline blending components being blended downstream from the refinery. The EIA was able to quantify these volumes and make corrective adjustments for 1992 in 1993 (refer to Table B2).

Fuel Ethanol Adjustment

Prior to 1993, an estimated 60 to 70 thousand barrels per day of fuel ethanol were added to motor gasoline to produce gasohol but were not included in the EIA finished motor gasoline production data. In 1992, the EIA attempted to collect these data from downstream fuel ethanol motor gasoline blenders but found that this effort was impractical and the results were inaccurate.

Beginning in January 1993, an estimate for the missing fuel ethanol blended into motor gasoline was calculated. This estimate was calculated as production (from the EIA-819M, "Monthly Oxygenate Telephone Report"), plus imports (from the EIA-814, "Monthly Imports Report"), minus inputs at refineries (from the EIA-810, "Monthly Refinery Report"), plus or minus stock change (from the EIA-819M survey). This estimate for the amount of fuel ethanol blended into motor gasoline was added to Table 1 for Natural Gas Liquids Field Production (line 14) and in the Field Production column for finished motor gasoline in Tables 2 through 25 published in the *PSM*.

An estimate for the total amount of gasohol produced with the ethanol is given as 10 times the estimated fuel ethanol blended (this assumes a 10 percent ethanol blend). This amount is added to the column labeled field production of "oxygenated gasoline" and subtracted from the field production of "other" finished gasoline. The PAD District level detail was obtained by allocating the national level estimates according to the percent of gasohol sales from the U.S. Department of Transportation, Federal Highway Administration, *Monthly Motor Fuel Reported by States*, 1994.

Motor Gasoline Blending Component Adjustment

Prior to 1993, the EIA published a "product supplied" for motor gasoline blending components. Since these components are to be blended into finished motor gasoline, there is no actual demand for this intermediate product. The EIA corrected this series by including the quantity of "product supplied" for motor gasoline blending components with "other" finished motor gasoline. This change was accomplished in Tables 2 through 25 by adding product supplied for motor gasoline blending components to the column labeled field production of "other" motor gasoline, and subtracting it from the field production column for "motor gasoline blending components."

Fuel Ethanol Stock Adjustment

Total end-of-month stocks of fuel ethanol are underreported in the PSRS because of the inability to collect data from downstream fuel ethanol motor gasoline blenders. Total stocks of fuel ethanol are assumed to be those reported by ethanol producers on the Form EIA-819M, "Monthly Oxygenate Telephone Report." The difference between the stocks reported on the EIA-819M and the stocks reported in the PSRS (from refiners, bulk terminal and pipeline operators) is added to the stocks shown for bulk terminals. If the stocks for the PSRS are higher than those reported on the EIA-819M, no adjustment is made.

Note 9. 1994 Changes in the Petroleum Supply Monthly

Effective with January 1994 data, several enhancements were made to the tables in the *Petroleum Supply Monthly* to reflect changes in the petroleum industry and to provide more meaningful petroleum statistics. These changes primarily affect data reported for imports, exports, and product supplied.

- On December 31, 1992, Ecuador withdrew as a member of the Organization of Petroleum Exporting Countries (OPEC). As of January 1994, imports of petroleum from Ecuador now appear under imports from Non-OPEC sources. No revision was made to 1993 data. Countries have been realphabetized accordingly. This change is evident in Tables S3 and 35 through 44, 49 and 50.

- Exports data are now published for oxygenates and the sub-categories of finished motor gasoline (reformulated, oxygenated, and other) and distillate fuel oil (0.05% sulfur and under, and greater than 0.05% sulfur).

- Product supplied is now calculated for reformulated, oxygenated, and other finished motor gasoline as well as the sulfur categories of distillate fuel oil (0.05% sulfur and under, and greater than 0.05% sulfur).

Table B2. Finished Motor Gasoline Product Supplied Adjustment, 1994 - Present (Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1994													
Fuel Ethanol Adj.....	86	73	76	71	69	63	65	73	59	90	82	82	74
Motor Gas Blending	33	-7	27	58	51	82	98	98	81	-16	56	113	57
Product Supplied.....	6,980	7,275	7,395	7,564	7,644	7,922	7,884	7,975	7,615	7,548	7,464	7,924	7,601
1995													
Fuel Ethanol Adj.....	66	66	79	74	58	81	49	36	57	72	91	58	65
Motor Gas Blending	8	37	56	86	131	113	46	110	35	89	28	29	64
Product Supplied	7,163	7,481	7,788	7,651	7,894	8,220	7,888	8,187	7,786	7,781	7,866	7,742	7,789
1996													
Fuel Ethanol Adj.....	58	53	49	37	27	14	9	20	23	36	44	38	34
Motor Gas Blending	39	23	-16	14	5	66	2	-18	2	40	53	31	20
Product Supplied.....	7,254	7,552	7,729	7,869	7,998	8,089	8,135	8,216	7,641	8,038	7,875	7,775	7,849
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
Product 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
Product 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	214	156	165	120
Product 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.....	62	44	62	62	76	30	89	73	66	74	73	76	66
Motor Gas Blending	231	166	171	122	187	93	73	112	115	96	56	269	141
Product Supplied.....	7,498	8,222	8,232	8,229	8,505	8,663	8,600	8,762	8,416	8,364	8,297	8,573	8,364
2001													
Fuel Ethanol Adj.....	89	73	65	63	70	69	63	49	78	94			71
Motor Gas Blending	362	173	340	310	209	196	253	273	170	187			248
Product Supplied.....	8,064	8,203	8,479	8,546	8,718	8,722	8,974	8,938	8,564	8,610			8,585

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

Source: • Fuel Ethanol Adjustment — 1994 -2000, Energy Information Administration (EIA), *Petroleum Supply Annual* (PSA), Volumes I and II (Table3, Motor gasoline field production minus motor gasoline blending component field production); 2001 —, EIA, *Petroleum Supply Monthly* (PSM), (Table 4). • Motor Gasoline Blending Component Adjustment — 1994 - 2000, EIA, *PSA*, Volumes I and II (Table 3; Motor gasoline blending component field adjustment) 2001 —, EIA, *PSM* (Table 4).

Table C1. Impact of Resubmissions on Major Series, 2001

(Thousand Barrels per Day, Except Where Noted)

Product	January		February		March		April		May		June	
	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference
Inputs	**15,490**	**43**	**15,550**	**29**	**15,619**	**46**	**16,661**	**-1**	**17,005**	**11**	**17,175**	**-4**
Crude Oil	14,797	-6	14,813	(s)	14,643	6	15,537	1	15,766	-3	15,651	-2
Pentanes Plus	112	(s)	105	3	108	0	129	0	120	0	137	0
LPGs	259	3	255	2	206	0	205	0	215	(s)	196	0
Ethane/Ethylene	0	0	0	0	0	0	0	0	0	0	0	0
Propane/Propylene	0	0	0	0	0	0	0	0	0	0	0	0
Normal Butane/Butylene	174	3	162	2	98	0	69	0	70	(s)	65	(s)
Isobutane/Isobutylene	85	0	93	(s)	108	0	137	0	146	(s)	131	(s)
Oth Hydrocbns/Oxygenates	308	17	318	16	357	21	379	18	367	19	371	9
Unfinished Oils	235	3	128	-2	292	1	433	(s)	533	2	647	-3
Motor Gas. Blend. Comp.	-217	27	-65	10	17	19	-23	-21	9	-8	175	-8
Aviation Gas. Blend. Comp	-4	(s)	-4	0	-3	0	1	0	-4	0	-4	0
Production	**18,162**	**30**	**18,599**	**42**	**18,731**	**36**	**19,789**	**-18**	**20,276**	**-14**	**20,376**	**-20**
Pentanes Plus	245	(s)	278	1	285	(s)	292	(s)	310	(s)	318	(s)
LPGs	1,626	-3	1,977	13	2,214	-5	2,380	-11	2,489	-14	2,424	-14
Ethane/Ethylene	463	-1	644	8	708	(s)	701	(s)	745	(s)	722	2
Propane/Propylene	945	-1	1,031	14	1,069	(s)	1,106	1	1,117	(s)	1,088	(s)
Normal Butane/Butylene	68	-4	121	-10	247	-6	373	-12	393	-13	410	-16
Isobutane/Isobutylene	150	3	181	1	190	(s)	200	(s)	233	-1	204	0
Oth Hydrocbns/Oxygenates	246	8	309	12	329	16	289	20	320	22	317	5
Motor Gas Blend. Comp.	-362	62	-173	3	-340	5	-310	-3	-209	-21	-196	-42
Finished Motor Gasoline	7,903	-25	7,781	21	7,963	22	8,447	-25	8,648	1	8,625	33
Reformulated	2,375	54	2,422	49	2,459	56	2,678	-11	2,751	-4	2,735	0
Oxygenated	1,055	-88	886	-89	779	-88	703	-53	750	-54	745	0
Other	4,473	9	4,472	61	4,724	54	5,066	40	5,146	59	5,144	33
Finished Aviation Gasoline	17	0	16	0	16	(s)	22	0	20	0	19	0
Jet Fuel	1,508	-1	1,497	(s)	1,513	(s)	1,547	(s)	1,620	(s)	1,638	-1
Naphtha-Type Jet	(s)	0	(s)	0	(s)	0	1	0	(s)	0	(s)	0
Kerosene-Type Jet	1,508	-1	1,497	(s)	1,513	(s)	1,546	(s)	1,619	(s)	1,637	-1
Kerosene	108	(s)	81	0	69	(s)	52	(s)	51	0	66	0
Distillate Fuel Oil	3,606	4	3,621	-8	3,487	1	3,651	(s)	3,656	-2	3,702	(s)
Residual Fuel Oil	815	-6	743	(s)	749	1	817	(s)	786	-1	783	(s)
Naphtha Pet. Feedstock	147	28	162	2	166	-4	157	0	144	0	157	0
Other Oils Pet. Feedstock	175	0	202	-3	181	0	179	0	164	0	146	0
Special Naphthas	90	-36	55	(s)	55	(s)	56	(s)	45	(s)	53	0
Lubricants	168	0	172	0	170	2	183	(s)	176	0	185	0
Waxes	14	0	18	0	19	0	19	0	20	0	19	0
Petroleum Coke	773	0	754	0	752	0	790	0	783	0	778	0
Asphalt and Road Oil	356	0	386	0	404	1	459	(s)	493	0	579	0
Still Gas	667	(s)	657	(s)	643	(s)	699	(s)	704	(s)	705	(s)
Miscellaneous Products	60	(s)	65	(s)	57	(s)	57	0	57	0	60	0
Imports	**12,118**	**359**	**11,462**	**136**	**11,942**	**128**	**12,311**	**208**	**12,243**	**181**	**11,499**	**162**
Crude Oil	8,791	147	8,484	101	9,477	99	9,821	197	9,655	159	8,901	157
Pentanes Plus	40	32	74	0	60	0	63	0	55	0	23	0
LPGs	247	102	263	(s)	203	(s)	205	0	170	0	235	(s)
Ethane/Ethylene	7	0	5	0	4	0	4	0	4	0	4	0
Propane/Propylene	213	99	222	0	151	0	105	0	80	0	103	(s)
Normal Butane/Butylene	24	3	28	(s)	32	(s)	63	0	52	0	93	0
Isobutane/Isobutylene	3	0	8	(s)	15	(s)	33	0	34	0	35	0
Oth Hydrocbns/Oxygenates	86	5	48	5	66	4	81	0	88	0	104	0
Unfinished Oils	264	(s)	309	7	277	0	186	6	219	2	249	0
Motor Gas.Blend.Comp.	251	2	277	6	276	15	317	3	324	8	372	0
Aviation Gas. Blend. Comp	0	0	0	0	0	0	0	0	0	0	0	0
Finished Motor Gasoline	473	45	400	-6	358	-12	458	-3	456	17	490	0
Reformulated	212	0	189	-6	163	-12	187	-3	218	10	289	0
Oxygenated	0	0	0	0	0	0	4	0	1	0	0	0
Other	262	45	210	0	195	0	268	0	237	7	201	0
Finished Aviation Gasoline	5	0	9	0	(s)	0	(s)	0	1	0	1	0
Jet Fuel	238	3	222	8	145	0	153	0	181	-7	161	0
Naphtha-Type Jet	0	0	0	0	0	0	0	0	0	0	0	0
Kerosene-Type Jet	238	3	222	8	145	0	153	0	181	-7	161	0
Kerosene	29	0	5	0	5	0	7	0	(s)	0	1	0
Distillate Fuel Oil	778	2	668	0	343	6	302	0	330	0	311	(s)
Residual Fuel Oil	512	20	423	14	375	15	402	2	449	1	415	1
Naphtha Pet. Feedstock	202	0	119	0	113	0	89	0	76	0	30	0
Other Oils Pet. Feedstock	146	0	122	0	190	0	176	0	160	0	159	0
Special Naphthas	8	0	4	0	10	0	6	0	39	0	3	2
Lubricants	10	0	12	1	9	0	10	0	6	0	17	0
Waxes	2	0	4	0	2	0	2	0	4	0	3	0
Petroleum Coke	(s)	0	1	0	1	0	(s)	0	(s)	0	0	0
Asphalt and Road Oil	34	(s)	20	(s)	31	(s)	33	2	28	(s)	26	(s)
Miscellaneous Products	(s)	1	1	0	1	0	1	2	2	0	(s)	(s)

(s) = Less than 500 barrels per day.

Note: Volumes indicate cumulative changes resulting from resubmissions received for that month as of the date of this publication. • Totals may not equal sum of components due to independent rounding.

Table C1. Impact of Resubmissions on Major Series, 2001 (Continued)

(Thousand Barrels per Day, Except Where Noted)

Product	July		August		September		October		November		December		Year to Date
	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	Average Difference
Inputs	**16,898**	**37**	**16,555**	**1**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**20**
Crude Oil	15,364	5	15,267	(s)	—	—	—	—	—	—	—	—	(s)
Pentanes Plus	144	0	133	0	—	—	—	—	—	—	—	—	(s)
LPGs	194	0	188	-3	—	—	—	—	—	—	—	—	(s)
Ethane/Ethylene	0	0	0	0	—	—	—	—	—	—	—	—	0
Propane/Propylene	0	0	0	0	—	—	—	—	—	—	—	—	0
Normal Butane/Butylene	63	0	66	0	—	—	—	—	—	—	—	—	1
Isobutane/Isobutylene	130	0	122	-3	—	—	—	—	—	—	—	—	(s)
Oth Hydrocbns/Oxygenates	366	10	356	10	—	—	—	—	—	—	—	—	15
Unfinished Oils	704	-6	471	-5	—	—	—	—	—	—	—	—	-1
Motor Gas. Blend. Comp	129	28	140	-2	—	—	—	—	—	—	—	—	6
Aviation Gas. Blend. Comp	-3	0	(s)	0	—	—	—	—	—	—	—	—	(s)
Production	**20,132**	**35**	**19,741**	**3**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**12**
Pentanes Plus	325	(s)	334	(s)	—	—	—	—	—	—	—	—	(s)
LPGs	2,402	(s)	2,441	-3	—	—	—	—	—	—	—	—	-5
Ethane/Ethylene	715	0	738	(s)	—	—	—	—	—	—	—	—	1
Propane/Propylene	1,098	(s)	1,110	(s)	—	—	—	—	—	—	—	—	2
Normal Butane/Butylene	387	(s)	381	(s)	—	—	—	—	—	—	—	—	-8
Isobutane/Isobutylene	202	0	213	-3	—	—	—	—	—	—	—	—	(s)
Oth Hydrocbns/Oxygenates	347	10	319	10	—	—	—	—	—	—	—	—	13
Motor Gas Blend. Comp.	-253	20	-273	(s)	—	—	—	—	—	—	—	—	3
Finished Motor Gasoline	8,428	7	8,265	(s)	—	—	—	—	—	—	—	—	4
Reformulated	2,586	29	2,475	0	—	—	—	—	—	—	—	—	21
Oxygenated	695	-29	546	2	—	—	—	—	—	—	—	—	-49
Other	5,147	6	5,245	-2	—	—	—	—	—	—	—	—	32
Finished Aviation Gasoline	19	0	22	0	—	—	—	—	—	—	—	—	(s)
Jet Fuel	1,633	0	1,597	0	—	—	—	—	—	—	—	—	(s)
Naphtha-Type Jet	(s)	0	(s)	0	—	—	—	—	—	—	—	—	0
Kerosene-Type Jet	1,633	0	1,597	0	—	—	—	—	—	—	—	—	(s)
Kerosene	68	0	78	0	—	—	—	—	—	—	—	—	(s)
Distillate Fuel Oil	3,838	(s)	3,653	(s)	—	—	—	—	—	—	—	—	-1
Residual Fuel Oil	639	0	622	0	—	—	—	—	—	—	—	—	-1
Naphtha Pet. Feedstock	151	0	152	0	—	—	—	—	—	—	—	—	3
Other Oils Pet. Feedstock	158	0	171	0	—	—	—	—	—	—	—	—	(s)
Special Naphthas	52	0	48	-1	—	—	—	—	—	—	—	—	-5
Lubricants	172	-1	180	-4	—	—	—	—	—	—	—	—	(s)
Waxes	17	0	22	(s)	—	—	—	—	—	—	—	—	(s)
Petroleum Coke	769	(s)	753	0	—	—	—	—	—	—	—	—	(s)
Asphalt and Road Oil	614	(s)	614	0	—	—	—	—	—	—	—	—	(s)
Still Gas	696	(s)	683	0	—	—	—	—	—	—	—	—	(s)
Miscellaneous Products	58	(s)	59	0	—	—	—	—	—	—	—	—	(s)
Imports	**11,576**	**85**	**11,318**	**195**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**182**
Crude Oil	9,406	80	9,092	189	—	—	—	—	—	—	—	—	141
Pentanes Plus	6	0	6	0	—	—	—	—	—	—	—	—	4
LPGs	116	2	161	(s)	—	—	—	—	—	—	—	—	13
Ethane/Ethylene	4	0	4	0	—	—	—	—	—	—	—	—	0
Propane/Propylene	89	2	95	0	—	—	—	—	—	—	—	—	13
Normal Butane/Butylene	18	0	44	(s)	—	—	—	—	—	—	—	—	(s)
Isobutane/Isobutylene	4	0	17	0	—	—	—	—	—	—	—	—	(s)
Oth Hydrocbns/Oxygenates	83	0	75	0	—	—	—	—	—	—	—	—	2
Unfinished Oils	263	0	241	5	—	—	—	—	—	—	—	—	2
Motor Gas.Blend.Comp	247	3	314	0	—	—	—	—	—	—	—	—	5
Aviation Gas. Blend. Comp	0	0	0	0	—	—	—	—	—	—	—	—	0
Finished Motor Gasoline	446	-3	415	0	—	—	—	—	—	—	—	—	5
Reformulated	206	-5	184	0	—	—	—	—	—	—	—	—	-2
Oxygenated	0	0	0	0	—	—	—	—	—	—	—	—	0
Other	240	2	231	0	—	—	—	—	—	—	—	—	7
Finished Aviation Gasoline	1	0	1	0	—	—	—	—	—	—	—	—	0
Jet Fuel	129	0	123	0	—	—	—	—	—	—	—	—	1
Naphtha-Type Jet	0	0	0	0	—	—	—	—	—	—	—	—	0
Kerosene-Type Jet	129	0	123	0	—	—	—	—	—	—	—	—	1
Kerosene	(s)	0	4	0	—	—	—	—	—	—	—	—	0
Distillate Fuel Oil	250	-17	215	0	—	—	—	—	—	—	—	—	-1
Residual Fuel Oil	415	19	412	1	—	—	—	—	—	—	—	—	9
Naphtha Pet. Feedstock	14	0	87	0	—	—	—	—	—	—	—	—	0
Other Oils Pet. Feedstock	156	0	126	0	—	—	—	—	—	—	—	—	0
Special Naphthas	11	(s)	9	0	—	—	—	—	—	—	—	—	(s)
Lubricants	5	0	5	0	—	—	—	—	—	—	—	—	(s)
Waxes	2	0	2	0	—	—	—	—	—	—	—	—	0
Petroleum Coke	0	0	0	0	—	—	—	—	—	—	—	—	0
Asphalt and Road Oil	26	(s)	29	(s)	—	—	—	—	—	—	—	—	(s)
Miscellaneous Products	(s)	0	(s)	0	—	—	—	—	—	—	—	—	(s)

(s) = Less than 500 barrels per day.

Note: Volumes indicate cumulative changes resulting from resubmissions received for that month as of the date of this publication. • Totals may not equal sum of components due to independent rounding.

Table C1. Impact of Resubmissions on Major Series, 2001 (Continued)

(Thousand Barrels per Day, Except Where Noted)

Product	January		February		March		April		May		June	
	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference
Stocks (Thousand Barrels)	**1,477,451**	**4,593**	**1,470,783**	**5,627**	**1,477,434**	**2,617**	**1,517,001**	**1,835**	**1,552,762**	**-494**	**1,558,500**	**1,515**
Crude Oil (excl. SPR)	294,196	5,451	280,425	7,582	304,459	2,298	325,386	3,136	325,626	1,039	305,584	792
Pentanes Plus	4,977	-78	5,432	-285	7,370	-82	7,805	3	8,290	6	8,335	12
LPGs	63,504	-1,149	59,894	-1,699	60,720	-176	69,590	-226	91,518	23	108,448	710
Ethane/Ethylene	15,949	-498	18,302	-827	18,399	-45	16,315	-27	18,765	23	19,483	23
Propane/Propylene	28,915	-374	24,425	-353	23,477	-77	30,493	-109	43,355	-29	54,004	-140
Normal Butane/Butylene	12,768	-8	11,232	-269	12,472	-11	16,443	-66	21,919	5	27,616	757
Isobutane/Isobutylene	5,872	-269	5,935	-250	6,372	-43	6,339	-24	7,479	24	7,345	70
Oth Hydrocbns/Oxygenates	11,760	21	12,097	28	12,465	-14	11,674	37	11,837	133	12,390	6
Unfinished Oils	91,601	-48	96,960	9	101,516	-17	99,726	8	96,440	-12	93,167	95
Motor Gas. Blend. Comp	46,143	726	50,617	694	47,821	720	48,434	1,338	51,211	1,158	50,966	139
Aviation Gas. Blend. Comp	189	0	182	0	123	0	80	0	140	0	235	0
Finished Motor Gasoline	159,407	-251	155,192	-284	145,821	-780	152,302	-1,051	161,098	-948	169,088	280
Reformulated	41,470	142	40,635	-150	36,875	-64	40,908	-949	45,383	-918	49,716	466
Oxygenated	559	-105	553	-233	1,093	-219	895	0	781	0	961	0
Other	117,378	-288	114,004	99	107,853	-497	110,499	-102	114,934	-30	118,411	-186
Finished Aviation Gasoline	1,427	3	1,494	0	1,493	0	1,664	0	1,566	0	1,489	0
Jet Fuel	43,677	-52	42,459	-3	39,636	711	40,692	-208	42,290	-34	43,067	87
Naphtha-Type Jet	118	14	31	9	27	7	30	4	104	9	114	0
Kerosene-Type Jet	43,559	-66	42,428	-12	39,609	704	40,662	-212	42,186	-43	42,953	87
Kerosene	4,728	-26	4,670	-13	3,145	-5	2,903	3	3,275	-132	3,478	-8
Distillate Fuel Oil	118,202	-111	117,217	-289	104,960	-32	105,046	-88	107,427	-408	114,357	-550
Residual Fuel Oil	37,088	85	38,368	44	39,114	-84	40,727	-1,092	42,403	-1,324	42,749	-22
Naphtha Pet. Feedstock	2,972	0	2,709	73	3,259	0	2,902	1	3,077	0	3,566	0
Other Oils Pet. Feedstock	1,725	0	2,255	-83	2,044	0	2,198	0	2,200	0	1,752	0
Special Naphthas	2,030	-48	2,179	-49	2,063	1	2,187	2	1,848	3	1,922	0
Lubricants	12,137	0	12,185	14	11,740	-20	11,719	-2	11,566	0	11,741	0
Waxes	901	0	923	0	951	0	947	0	956	0	979	0
Petroleum Coke	9,387	0	10,198	0	9,556	0	10,229	0	10,014	0	9,249	0
Asphalt and Road Oil	28,579	95	32,409	-93	35,695	117	37,274	-10	35,496	26	31,416	0
Miscellaneous Products	1,146	-25	1,241	-19	1,193	-20	1,166	-16	1,214	-24	1,252	-26
Product Supplied	**19,900**	**162**	**19,597**	**88**	**19,892**	**-49**	**19,591**	**49**	**19,491**	**2**	**19,608**	**-88**
Crude Oil	0	0	0	0	0	0	0	0	0	0	0	0
Pentanes Plus	179	34	229	6	173	-7	211	-3	229	(s)	197	0
LPGs	2,186	100	2,055	31	2,152	-54	2,049	-10	1,705	-22	1,843	-37
Ethane/Ethylene	497	2	565	19	709	-25	774	(s)	670	-2	702	2
Propane/Propylene	1,499	103	1,372	13	1,229	-9	959	2	767	-2	804	4
Normal Butane/Butylene	116	-10	24	-2	131	-14	219	-10	183	-15	224	-41
Isobutane/Isobutylene	74	5	94	1	83	-6	97	-1	85	-3	113	-2
Unfinished Oils	-116	-3	-11	7	-162	(s)	-187	5	-208	1	-289	(s)
Aviation Gas. Blend. Comp	7	(s)	5	0	5	0	(s)	0	3	0	(s)	0
Finished Motor Gasoline	8,064	10	8,203	17	8,479	26	8,546	-18	8,718	15	8,722	-8
Reformulated	2,596	54	2,632	54	2,729	41	2,730	15	2,819	5	2,878	-46
Oxygenated	1,059	-92	886	-84	761	-88	713	-61	755	-54	739	0
Other	4,410	48	4,685	47	4,989	73	5,102	27	5,145	63	5,104	38
Finished Aviation Gasoline	18	(s)	22	(s)	16	(s)	17	0	24	0	22	0
Jet Fuel	1,746	5	1,744	7	1,708	-23	1,648	31	1,733	-12	1,754	-5
Naphtha-Type Jet	(s)	(s)	1	(s)	(s)	(s)	1	(s)	-2	(s)	(s)	(s)
Kerosene-Type Jet	1,747	5	1,743	7	1,708	-23	1,648	31	1,735	-12	1,755	-5
Kerosene	116	(s)	84	(s)	121	(s)	62	(s)	39	4	60	-4
Distillate Fuel Oil	4,281	9	4,208	-2	4,124	-1	3,811	2	3,727	9	3,615	5
0.05% & under	2,700	8	2,568	10	2,623	-8	2,687	2	2,750	-19	2,640	3
Greater than 0.05%	1,581	1	1,639	-12	1,501	6	1,124	(s)	977	27	975	2
Residual Fuel Oil	1,151	18	950	16	934	20	1,005	35	958	8	1,001	-42
Naphtha Pet. Feedstock	341	29	290	(s)	261	-2	257	(s)	214	(s)	171	0
Other Oils Pet. Feedstock	324	0	305	(s)	378	-3	350	0	323	0	320	0
Special Naphthas	84	-36	41	(s)	47	-1	39	(s)	75	(s)	17	3
Lubricants	149	0	161	(s)	169	3	150	-1	165	(s)	177	0
Waxes	17	0	18	0	16	0	18	0	20	0	16	0
Petroleum Coke	353	0	311	0	447	0	421	0	430	0	482	0
Asphalt and Road Oil	274	-4	263	7	320	-6	436	6	576	-1	737	1
Still Gas	667	(s)	657	(s)	643	(s)	699	(s)	704	(s)	705	(s)
Miscellaneous Products	59	1	62	(s)	59	(s)	59	2	57	(s)	58	1

(s) = Less than 500 barrels per day.

Note: Volumes indicate cumulative changes resulting from resubmissions received for that month as of the date of this publication. • Totals may not equal sum of components due to independent rounding.

Table C1. Impact of Resubmissions on Major Series, 2001 (Continued)

(Thousand Barrels per Day, Except Where Noted)

Product	July		August		September		October		November		December		Year to Date
	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	PSM Value	Difference	Average Difference
Stocks (Thousand Barrels)	**1,564,714**	**138**	**1,545,248**	**-858**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1,872**
Crude Oil (excl. SPR)	310,991	-3	305,863	-269	—	—	—	—	—	—	—	—	2,503
Pentanes Plus	9,036	-44	9,170	-16	—	—	—	—	—	—	—	—	-61
LPGs	120,018	80	133,665	75	—	—	—	—	—	—	—	—	-295
Ethane/Ethylene	20,237	-1	20,543	-12	—	—	—	—	—	—	—	—	-171
Propane/Propylene	59,274	54	65,334	96	—	—	—	—	—	—	—	—	-117
Normal Butane/Butylene	33,420	39	40,026	-4	—	—	—	—	—	—	—	—	55
Isobutane/Isobutylene	7,087	-12	7,762	-5	—	—	—	—	—	—	—	—	-64
Oth Hydrocbns/Oxygenates	13,199	-2	13,493	13	—	—	—	—	—	—	—	—	28
Unfinished Oils	89,704	110	90,308	254	—	—	—	—	—	—	—	—	50
Motor Gas. Blend. Comp	46,403	-44	42,873	0	—	—	—	—	—	—	—	—	591
Aviation Gas. Blend. Comp	179	0	94	0	—	—	—	—	—	—	—	—	0
Finished Motor Gasoline	161,962	46	150,343	20	—	—	—	—	—	—	—	—	-371
Reformulated	48,574	-15	40,258	0	—	—	—	—	—	—	—	—	-186
Oxygenated	1,054	0	1,063	0	—	—	—	—	—	—	—	—	-70
Other	112,334	61	109,022	20	—	—	—	—	—	—	—	—	-115
Finished Aviation Gasoline	1,391	0	1,334	0	—	—	—	—	—	—	—	—	(s)
Jet Fuel	42,453	1	41,683	-37	—	—	—	—	—	—	—	—	58
Naphtha-Type Jet	29	0	118	0	—	—	—	—	—	—	—	—	5
Kerosene-Type Jet	42,424	1	41,565	-37	—	—	—	—	—	—	—	—	53
Kerosene	3,784	0	3,774	1	—	—	—	—	—	—	—	—	-23
Distillate Fuel Oil	125,097	9	121,961	-65	—	—	—	—	—	—	—	—	-192
Residual Fuel Oil	39,131	-30	35,606	-591	—	—	—	—	—	—	—	—	-377
Naphtha Pet. Feedstock	2,564	0	2,474	0	—	—	—	—	—	—	—	—	9
Other Oils Pet. Feedstock	1,850	0	1,619	0	—	—	—	—	—	—	—	—	-10
Special Naphthas	1,922	0	1,785	-36	—	—	—	—	—	—	—	—	-16
Lubricants	11,699	5	11,620	-151	—	—	—	—	—	—	—	—	-19
Waxes	997	0	1,048	0	—	—	—	—	—	—	—	—	0
Petroleum Coke	9,380	0	8,290	0	—	—	—	—	—	—	—	—	0
Asphalt and Road Oil	28,153	10	23,258	-56	—	—	—	—	—	—	—	—	11
Miscellaneous Products	1,067	0	1,253	0	—	—	—	—	—	—	—	—	-16
Product Supplied	**19,884**	**26**	**20,085**	**32**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**27**
Crude Oil	0	0	0	0	—	—	—	—	—	—	—	—	0
Pentanes Plus	163	2	199	-1	—	—	—	—	—	—	—	—	4
LPGs	1,900	23	1,940	(s)	—	—	—	—	—	—	—	—	4
Ethane/Ethylene	695	1	732	(s)	—	—	—	—	—	—	—	—	-1
Propane/Propylene	975	-4	982	-1	—	—	—	—	—	—	—	—	13
Normal Butane/Butylene	145	23	140	2	—	—	—	—	—	—	—	—	-8
Isobutane/Isobutylene	84	3	86	(s)	—	—	—	—	—	—	—	—	(s)
Unfinished Oils	-330	6	-249	5	—	—	—	—	—	—	—	—	3
Aviation Gas. Blend. Comp	5	0	2	0	—	—	—	—	—	—	—	—	(s)
Finished Motor Gasoline	8,974	11	8,938	1	—	—	—	—	—	—	—	—	7
Reformulated	2,829	40	2,921	(s)	—	—	—	—	—	—	—	—	20
Oxygenated	692	-29	545	2	—	—	—	—	—	—	—	—	-50
Other	5,453	(s)	5,472	-1	—	—	—	—	—	—	—	—	37
Finished Aviation Gasoline	23	0	25	0	—	—	—	—	—	—	—	—	(s)
Jet Fuel	1,758	3	1,721	1	—	—	—	—	—	—	—	—	1
Naphtha-Type Jet	3	0	-3	0	—	—	—	—	—	—	—	—	0
Kerosene-Type Jet	1,755	3	1,724	1	—	—	—	—	—	—	—	—	1
Kerosene	56	(s)	82	(s)	—	—	—	—	—	—	—	—	(s)
Distillate Fuel Oil	3,580	-35	3,754	3	—	—	—	—	—	—	—	—	-1
0.05% & under	2,651	12	2,843	3	—	—	—	—	—	—	—	—	1
Greater than 0.05%	929	-47	910	(s)	—	—	—	—	—	—	—	—	-3
Residual Fuel Oil	1,057	19	974	19	—	—	—	—	—	—	—	—	12
Naphtha Pet. Feedstock	197	0	243	0	—	—	—	—	—	—	—	—	3
Other Oils Pet. Feedstock	311	0	304	0	—	—	—	—	—	—	—	—	(s)
Special Naphthas	38	(s)	30	(s)	—	—	—	—	—	—	—	—	-4
Lubricants	155	-1	161	1	—	—	—	—	—	—	—	—	(s)
Waxes	16	0	19	(s)	—	—	—	—	—	—	—	—	(s)
Petroleum Coke	482	(s)	412	0	—	—	—	—	—	—	—	—	(s)
Asphalt and Road Oil	741	(s)	794	2	—	—	—	—	—	—	—	—	(s)
Still Gas	696	(s)	683	0	—	—	—	—	—	—	—	—	(s)
Miscellaneous Products	64	-1	53	0	—	—	—	—	—	—	—	—	(s)

(s) = Less than 500 barrels per day.

Note: Volumes indicate cumulative changes resulting from resubmissions received for that month as of the date of this publication. • Totals may not equal sum of components due to independent rounding.

EIA-819M
Monthly Oxygenate Telephone Report

The EIA-819M, "Monthly Oxygenate Telephone Report," provides production data and preliminary stock data for fuel ethanol and methyl tertiary butyl ether (MTBE) in the United States and major U.S. geographic regions. Data are collected from a sample of respondents reporting on the Monthly Petroleum Supply Reporting System surveys and from the universe of oxygenate producers. Refer to Appendix B, Explanatory Note 2 for further detail. Final data on stocks of fuel ethanol and MTBE are presented in the Detailed Statistics section. The quantity of oxygenates blended into motor gasoline previously published in this appendix is now presented in Appendix B, Table B2.

Table D1. U.S. Summary, November 2001

Products	November 2001		October 2001		Year-to-Date	
	Thousand Barrels	Thousand Barrels per Day	Thousand Barrels	Thousand Barrels per Day	Thousand Barrels	Thousand Barrels per Day
Fuel Ethanol						
Production	3,794	126	3,743	121	38,184	114
Stocks	3,785	—	3,521	—	—	—
MTBE						
Production	6,472	216	6,974	225	71,405	214
Stocks	8,059	—	8,125	—	—	—

R = Revised data.
Source: Energy Information Administration (EIA) Form EIA-819M, "Monthly Oxygenate Telephone Report."

Table D2. Monthly Fuel Ethanol Production and Stocks by Petroleum Administration for Defense Districts (PADD)

(Thousand Barrels per Day, Except Where Noted

District/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total U.S.												
Production												
2000	110	108	104	110	103	104	103	98	101	111	109	113
2001	115	116	113	108	108	110	112	113	116	121	126	
Stocks (thous. bbls.)												
2000	3,692	4,097	3,949	4,353	4,202	4,805	4,916	4,553	4,436	4,103	3,647	3,227
2001	2,582	2,525	2,547	2,807	3,029	3,095	3,388	4,226	4,225	3,521	3,785	
East Coast (PADD I)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	175	218	390	357	159	326	306	349	300	219	132	326
2001	270	225	176	175	151	130	137	409	397	281	288	
Midwest (PADD II)												
Production												
2000	109	108	103	110	102	104	103	98	101	110	109	113
2001	115	116	112	107	107	110	111	113	115	118	124	
Stocks (thous. bbls.)												
2000	2,115	2,582	2,666	3,033	2,851	3,068	3,235	2,801	2,676	2,396	2,049	1,644
2001	1,634	1,562	1,739	1,825	1,835	1,943	2,175	2,464	2,522	1,957	2,183	
Gulf Coast (PADD III)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	911	914	648	576	722	851	926	981	1,030	980	985	797
2001	268	354	235	392	607	652	674	673	888	922	866	
Rocky Mountain (PADD IV)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	89	71	59	87	64	80	88	107	92	95	91	80
2001	76	88	104	102	134	151	147	127	125	84	109	
West Coast (PADD V)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	402	311	186	300	406	480	361	315	337	413	390	380
2001	335	295	293	313	302	219	256	553	292	278	339	

R = Revised data.
W = Withheld to avoid disclosure of individual company data.
Note: • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration (EIA) Form EIA-819M, "Monthly Oxygenate Telephone Report.

Table D3. Monthly Methyl Tertiary Butyl Ether (MTBE) Production and Stocks by Petroleum Administration for Defense Districts (PADD)

(Thousand Barrels per Day, Except Where Noted)

District/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total U.S.												
Production												
2000	202	207	213	223	233	242	223	226	209	210	192	160
2001	148	193	213	236	232	234	222	219	213	225	216	
Stocks (thous. bbls.)												
2000	9,211	10,265	8,906	7,888	8,456	7,923	8,234	7,649	7,394	9,552	9,722	7,245
2001	7,891	7,938	8,439	7,947	7,824	7,959	8,354	7,406	7,493	8,125	8,059	
East Coast (PADD I)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	1,856	1,672	1,718	1,232	1,037	1,387	1,552	1,494	1,412	1,970	1,712	1,370
2001	1,689	1,416	1,728	1,642	1,341	1,358	1,579	2,118	1,702	2,118	2,102	
Midwest (PADD II)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Gulf Coast (PADD III)												
Production												
2000	178	182	192	197	204	212	195	199	185	191	171	139
2001	128	170	187	206	202	203	194	188	183	196	191	
Stocks (thous. bbls.)												
2000	4,223	4,881	4,137	3,577	3,529	3,586	3,728	4,315	3,867	4,762	4,905	3,880
2001	3,541	3,571	4,585	4,010	3,883	3,896	3,569	2,907	3,652	4,228	3,710	
Rocky Mountain (PADD IV)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
West Coast (PADD V)												
Production												
2000	W	W	W	W	W	W	W	W	W	W	W	W
2001	W	W	W	W	W	W	W	W	W	W	W	
Stocks (thous. bbls.)												
2000	2,996	3,574	2,803	2,820	3,634	2,680	2,731	1,685	1,997	2,729	3,016	1,896
2001	2,592	2,901	2,056	2,135	2,460	2,582	3,080	2,234	2,017	1,694	2,112	

R = Revised data.
W = Withheld to avoid disclosure of individual company data.
Note: • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration (EIA) Form EIA-819M, "Monthly Oxygenate Telephone Report.

Table D4. Monthly Methyl Tertiary Butyl Ether (MTBE) Production by Merchant and Captive Plants
(Thousand Barrels per Day, Except Where Noted)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total U.S.												
1992	98	94	89	79	90	90	101	91	104	118	128	125
1993	115	114	112	138	132	126	155	142	157	146	148	144
1994	123	140	129	140	139	115	154	166	160	164	150	144
1995	149	144	121	168	169	182	181	171	163	167	174	171
1996	173	172	182	183	194	202	197	179	186	187	183	184
1997	161	192	182	186	194	209	201	217	200	206	211	205
1998	188	176	201	209	195	204	220	217	210	202	220	221
1999	216	212	178	210	219	221	217	222	231	218	228	224
2000	202	207	213	223	233	242	223	226	209	210	192	160
2001	148	193	213	236	232	234	222	219	213	225	216	
Merchant Plants												
1992	65	62	58	48	55	53	63	53	61	76	81	77
1993	63	66	67	87	75	70	89	79	87	76	81	75
1994	63	76	66	73	72	50	73	89	90	81	84	69
1995	76	68	61	86	85	91	90	88	79	90	97	92
1996	94	92	93	95	109	123	111	96	101	98	94	87
1997	72	106	99	92	93	104	106	113	99	108	109	108
1998	97	77	104	107	94	106	114	108	100	100	117	114
1999	105	111	83	114	114	110	102	104	110	111	118	110
2000	101	99	106	116	118	121	108	112	100	114	97	68
2001	50	89	101	115	114	112	107	102	99	116	109	
Captive Plants												
1992	33	32	31	31	35	37	38	38	43	42	47	48
1993	52	48	45	50	57	55	67	62	70	70	67	69
1994	60	64	63	67	67	65	81	78	70	83	66	75
1995	73	76	60	83	84	91	91	83	84	76	78	79
1996	79	80	89	89	84	79	85	83	85	89	89	97
1997	89	86	83	94	102	105	95	104	101	98	102	97
1998	91	99	97	102	101	99	106	109	111	102	104	107
1999	110	101	94	97	104	111	114	118	120	107	110	114
2000	100	108	107	107	115	121	116	114	109	96	95	92
2001	98	104	112	121	118	122	115	117	114	109	107	

R = Revised data.
Note: • Geographic coverage is the 50 States and the District of Columbia. • Totals may not equal sum of components due to independent rounding.

Appendix E

Northeast Heating Oil Reserve

On July 10, 2000, President Clinton directed the Department of Energy to establish the Northeast Heating Oil Reserve. The reserve is intended to reduce the risks presented by home heating oil shortages, such as the ones experienced in December 1996 and January-February 2000.

Maximum inventory of heating oil in the reserve will be two million barrels. The Department of Energy believes that a two-million-barrel reserve will provide relief from weather-related shortages for approximately ten days, which is the time for ships to bring heating oil from the Gulf of Mexico to New York Harbor. Inventory for the reserve was acquired by exchanging crude oil from the Strategic Petroleum Reserve for heating oil to be delivered to the storage facilities.

For more information on the Northeast Heating Oil Reserve, please contact Mr. Nathan Harvey from the Office of Petroleum Reserves at (202) 586-4734.

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 the Distillate Watch.

Northeast Heating Oil Reserve
(Thousand Barrels)

Terminal Operator	Location	Week Ending November 30, 2001
First Reserve Terminal (Hess)	Woodbridge, NJ	1,000
Williams Energy Services (formerly Wyatt Morgan Stanley)	New Haven, CT	500
Motiva Enterprises LLC (Equiva)	New Haven, CT	350
Motiva Enterprises LLC (Equiva)	Providence, RI	150
Total		**2,000**

Source: Energy Information Administration.

Definitions of Petroleum Products and Other Terms

(Revised)

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; CH_3-(CH_2)n-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.

API Gravity. An arbitrary scale expressing the gravity ordensity of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp.gr.60° F/60° F}} - 131.5$$

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^o to 750^o F (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 (C_4H_{10}). *A* normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes isobutane and normal butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9^{o} F. It is extracted from natural gas or refinery gas streams.

Normal Butane (C_4H_{10}). *A* normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 31.1^{o} F. It is extracted from natural gas or refinery gas streams.

Butylene (C_4H_8). 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 Gasoline. See **Other Finished Motor Gasoline.**

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, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oi lis 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 "outer 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.

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 (see ***No. 1 Diesel Fuel***) or a fuel oil. See ***No. 1 Fuel Oil***.

No. 1 Diesel Fuel. A light distillate fuel oil that has distillation temperatures of 550 degrees Fahrenheit at the 90-percent 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 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 (see ***No. 2 Diesel Fuel***) or a fuel oil. See ***No. 2 Fuel Oil***.

No. 2 Diesel Fuel. A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 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 percent 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 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 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 with 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) ($(CH_3)_3C0C_2H_5$). An oxygenate blend stock formed by the catalytic etherfication of isobutylene with ethanol.

Ethane (C_2H_6). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of -127.48° F. 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 (C_2H_4). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

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 (C_2H_5OH). An anhydrous denatured aliphatic alcohol 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.

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^{o} to 1000^{o} F.

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. See **Butane.**

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2^{o} F.

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 (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), 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^{o} F to 650^{o} F.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or nautral 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.

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 (CH_3OH). 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).

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. *Note:* 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.

Reformulated Gasoline. Finished motor 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. *Note:* This category includes oxygenated fuels program reformulated gasoline (OPRG) but excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

Oxygenated Gasoline (Including Gasohol). Finished motor gasoline, other than reformulated gasoline, having an oxygen content of 2.7 percent or higher by weight. Includes gasohol. *Note:* Oxygenated gasoline excludes oxygenated fuels program reformulated gaso-

line (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB).

OPRG (Oxygenated Fuels Program Reformulated Gasoline) . A reformulated gasoline which is intended for use in an oxygenated fuels program control period.

Other Finished or 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.

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.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. 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^o and 400^o F.

Naphtha Less Than 401^o 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.

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, (C_5H_{12}), 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. The acronym for the Organization of Petroleum Exporting Countries, that have organized for the purpose of negotiating with oil companies on matters of oil production, prices and future concession rights. Current

members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. The Neutral Zone between Kuwait and Saudi Arabia is considered part of OPEC.

Prior to January 1, 1993, Ecuador was a member of OPEC. Prior to January 1995, Gabon was a member of OPEC.

OPRG (Oxygenated Fuels Program Reformulated Gasoline). A reformulated gasoline which is intended for use in an oxygenated fuels program control area during an oxygenated fuels program control period.

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.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

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 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 Finished. See **Motor Gasoline (Finished).**

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^{o} 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. 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^{o} F" and "Other Oils Equal To or Greater Than 401^{o} F."

Naphtha Less Than 401^{o} F *A* naphtha with a boiling range of less than 401^{o} F that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401^{o} F Oils with a boiling range equal to or greater than 401^{o} F 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.

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.

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.

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 (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of -43.67^{o} F. 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 (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

RBOB (Reformulated Gasoline BIendstock for Oxygenate Blending). A motor gasoline blending component which, when blended with a specified type and percentage of oxygenate, meets the definition of reformulated gasoline.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

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 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 powerplants. 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^{o} F.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust pallative 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) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherfication 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) $(CH_3)_3COH$. 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 ($C_6H_5CH_3$). 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.

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 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 100 and 200^{o} F 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.