

Petroleum Supply Annual 2002

Volume 2

June 2003

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

This report is available on the WEB at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or necessarily reflecting any policy position of the Department of Energy or any other organization.

HOW TO OBTAIN EIA PRODUCTS AND SERVICES

For further information on the content of this report, or other EIA services, or including energy information questions, please contact EIA's **National Energy Information Center**:

National Energy Information Center (NEIC)
Energy Information Administration
EI-30, Forrestal Building
Washington, DC 20585
(202) 586-8800
(202) 586-0727 (fax)

TTY: For the hearing impaired:
(202) 586-1181

EIA's **Internet Site Services** offer nearly all EIA publications. Users can view and download selected pages or entire publications, search for information, download EIA data and analysis applications, and find out about new EIA information products and services.

Internet Addresses:
E-mail: infoctr@eia.doe.gov
World Wide Web Site: <http://www.eia.doe.gov>

Those EIA publications that are printed may be available free of charge from NEIC. Recent **periodicals and some one-time reports** are available from the Government Printing Office (those available at GPO have a GPO Stock No. noted below). Older reports are available from the National Technical Information Service:

Superintendent of Documents
U.S. Government Printing Office
P.O. Box 371954
Pittsburgh, PA 15250-7954
(202) 512-1800
(202) 512-2250 (fax)

National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA, 22161
1- (800)553-6847
(703) 321-8547 (fax)

Release Date: June 12, 2003



Printed with soy ink on recycled paper

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
<i>Weekly Petroleum Status Report</i>	
Wednesday 10:30 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)
<i>Winter Fuels Report</i> (October through March)	
Wednesday 4:00 p.m. (weekly)	All tables and highlights
<i>Propane Data</i> (April through September)	
Wednesday 4:00 p.m. (weekly)	Table C1 Monthly and Weekly Figures C1-C4
<i>Petroleum Supply Monthly</i>	
23rd-26th (monthly)	Table H1 (Petroleum Supply Summary) and all Summary Statistics and Detailed Statistics Tables
<i>Petroleum Supply Annual</i>	
All tables and data bases	
<i>Oxygenate Data</i>	
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)
<i>Imports Data</i>	
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 Annual* (PSA) contains information on the supply and disposition of crude oil and petroleum products. The publication reflects data that were collected from the petroleum industry during 2002 through monthly surveys. The *PSA* is divided into two volumes. This first volume contains three sections: Summary Statistics, Detailed Statistics, and Refinery Statistics; each with final annual data. The second volume contains final statistics for each month of 2002, and replaces data previously published in the *Petroleum Supply Monthly* (PSM). The tables in Volumes 1 and 2 are similarly numbered to facilitate comparison between them. Explanatory Notes, located at the end of this publication, present information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables. Industry terminology and product definitions are listed alphabetically in the Glossary.

Contents

	Page
2002 Monthly Statistics Tables	
National Statistics	
1. U.S. Petroleum Balance	2
2. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	14
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products	26
Supply and Disposition of Crude Oil and Petroleum Products	
4. PAD District I	38
5. Daily Average PAD District I.....	50
6. PAD District II	62
7. Daily Average PAD District II.....	74
8. PAD District III.....	86
9. Daily Average PAD District III	98
10. PAD District IV.....	110
11. Daily Average PAD District IV	122
12. PAD District V	134
13. Daily Average PAD District V	146
Production of Crude Oil	
14. Production of Crude Oil by PAD District and State	158
Natural Gas Processing	
15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts	170
Refinery Operations	
16. Refinery Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	182
17. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts	206
18. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts	230
19. Percent Refinery Yield of Petroleum Products by PAD and Refining Districts	254
Imports of Crude Oil and Petroleum Products	
PAD District	
20. Imports of Crude Oil and Petroleum Products.....	266
Country of Origin	
21. United States.....	278
22. PAD District I.....	302
23. PAD District II	326
24. PAD District III	350
25. PAD Districts IV and V	374
State of Entry	
26. Imports of Residual Fuel Oil by Sulfur Content	398
Exports of Crude Oil and Petroleum Products	
27. Exports of Crude Oil and Petroleum Products by PAD District	410
28. Exports of Crude Oil and Petroleum Products by Destination.....	422
Net Imports	
29. Net Imports of Crude Oil and Petroleum Products into the United States by Country	446
Stocks	
30. Stocks of Crude Oil and Petroleum Products by PAD District	458
31. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State.....	494

Movements of Crude Oil and Petroleum Products

32. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between
 PAD Districts 506

33. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts 518

34. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between
 PAD Districts 530

35. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge
 Between PAD Districts 542

Appendices

A. District Descriptions and Maps 555

B. Explanatory Notes 559

C. Northeast Heating Oil Reserve..... 587

Glossary

Definitions of Petroleum Products and Other Terms..... 591

Residual Fuel Oil Historical Back Cast

During the processing of petroleum supply final year-end statistics, several revisions were made that had a significant impact on product supplied for residual fuel oil. In order to help customers who follow residual fuel oil historical trends, we are providing the table below. This table incorporates revisions from exports and imports statistics and is based in large part on estimates derived by our analysts. The affected respondents were unable to provide revised data for years prior to 2000.

Residual Fuel Oil

(Thousand Barrels, Except Where Noted)

	2000												Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Imports	7,639	9,085	8,810	8,066	7,385	12,876	10,931	8,816	11,396	13,242	11,105	14,881	124,232
Exports	4,920	5,096	6,492	5,393	4,204	5,399	4,290	4,049	4,739	7,646	3,281	4,736	60,244
Product Supplied	22,261	23,905	20,407	22,363	21,087	28,095	31,300	26,531	27,145	31,446	27,154	36,766	318,461
Product Supplied (MB/D)	718	854	658	745	680	936	1,010	856	905	1,014	905	1,186	870
Original PSA													
Product Supplied (MB/D)	830	854	685	784	719	945	1,091	941	895	1,110	885	1,156	909
Difference (MB/D)	112	0	27	39	39	9	81	85	-10	96	-20	-30	39
	2001												Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Imports	17,199	12,318	12,844	11,830	14,159	11,600	11,854	9,968	7,646	7,877	8,095	7,849	133,239
Product Supplied	36,338	26,294	29,790	30,168	29,468	28,235	29,311	26,711	20,233	24,552	21,389	19,140	321,630
Product Supplied (MB/D)	1,172	939	961	1,006	951	941	946	862	674	792	713	617	881
Original PSA													
Product Supplied (MB/D)	1,075	901	860	927	833	867	872	805	621	736	676	565	811
Difference (MB/D)	-97	-38	-101	-79	-118	-74	-74	-57	-53	-56	-37	-52	-70