

# **Petroleum Supply Annual 2003**

## **Volume 2**

**July 2004**

**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](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.

## EIA DATA ARE AVAILABLE IN ELECTRONIC FORM

All current EIA publications are available on the EIA web site. Users can view and download selected pages or entire reports, search for information, download EIA data and analysis applications, and find out about new EIA information products and services:

World Wide Web: <http://www.eia.doe.gov>

FTP: <ftp://ftp.eia.doe.gov>

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, please call the NEIC at 202-586-8800 or email them at [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov). This service is provided free of charge for a single copy. Please note: NEIC will not accept or print multiple copy orders.

For further information, and for answers to questions on energy statistics, please contact EIA's National Energy Information Center at:

National Energy Information Center (NEIC)  
EI-30, Forrestal Building  
Washington, DC 20585  
(202) 586-8800 (phone)(202) 586-0727 (fax)  
TTY: For the hearing impaired: (202) 586-1181  
9:00 a.m. to 4:00 p.m., Eastern Time, M-F  
E-mail: [infoctr@eia.doe.gov](mailto:infoctr@eia.doe.gov)

Release Date: July 16, 2004

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



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
<b>Weekly Petroleum Status Report</b>	
Wednesday 10:30 a.m. (weekly)	Table 1 (U.S. Balance Sheet) and Data Log (Table 11 plus 4-week averages)
Wednesday 1:00 p.m. 6th-12th (monthly)	Table H1 (Petroleum Supply Summary)
<b>Winter Fuels Heating Prices</b> (October - March)	
Wednesday 1:00 p.m. (weekly)	All tables and highlights
<b>Propane Data</b>	
Wednesday 1:00 p.m. (weekly)	Table 7 Monthly and Weekly Figure 7
<b>Petroleum Supply Monthly</b>	
23rd-26th (monthly)	Table H1 (Petroleum Supply Summary) and all Summary Statistics and Detailed Statistics Tables
<b>Petroleum Supply Annual</b>	
<b>Oxygenate Data</b>	
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)
<b>Imports Data</b>	
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 2003 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 2003, 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
<b>2003 Monthly Statistics Tables</b>	
<b>National Statistics</b>	
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
<b>Supply and Disposition of Crude Oil and Petroleum Products</b>	
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
<b>Production of Crude Oil</b>	
14. Production of Crude Oil by PAD District and State .....	158
<b>Natural Gas Processing</b>	
15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts .....	170
<b>Refinery Operations</b>	
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
<b>Imports of Crude Oil and Petroleum Products</b>	
<b>PAD District</b>	
20. Imports of Crude Oil and Petroleum Products.....	266
<b>Country of Origin</b>	
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
<b>State of Entry</b>	
26. Imports of Residual Fuel Oil by Sulfur Content .....	398
<b>Exports of Crude Oil and Petroleum Products</b>	
27. Exports of Crude Oil and Petroleum Products by PAD District .....	410
28. Exports of Crude Oil and Petroleum Products by Destination.....	422
<b>Net Imports</b>	
29. Net Imports of Crude Oil and Petroleum Products into the United States by Country .....	446
<b>Stocks</b>	
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.....	586

**Glossary**

Definitions of Petroleum Products and Other Terms.....	587
--	-----