

Natural Gas Annual 2004

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The *Natural Gas Annual 2004* is prepared by the Energy Information Administration, Office of Oil and Gas, Natural Gas Division, under the direction of James Kendell.

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Preface

The *Natural Gas Annual 2004 (NGA)* provides information on the supply and disposition of natural gas to a wide audience including Congress, Federal and State agencies, industry analysts, consumers, and educational institutions. The 2004 data are presented in a sequence that follows natural gas (including supplemental supplies) from its production to its end use. Tables summarizing natural gas supply and disposition from 2000 to 2004 for each State follow these tables. Annual historical data are shown at the national level.

Data Sources: The data in the *Natural Gas Annual 2004* are primarily taken from surveys conducted by the Energy Information Administrations (EIA), U.S. Department of Energy (DOE). Two EIA surveys -- the mandatory Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and the voluntary Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" -- provide most of the information presented in this report. Form EIA-176 was submitted by respondents from an identified universe of operators of fields, wells, or natural gas processing plants who distribute gas to end users or transport gas across a State border; distribute natural gas; transport natural gas by pipeline; or operate underground natural gas storage facilities. Data collected on Form EIA-176 are not proprietary. Form EIA-895 was sent by the appropriate agencies of the 32 gas-producing States.

Other EIA surveys that provided information for this report are:

- EIA-816, "Monthly Natural Gas Liquids Report," and EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," for gas processed, plant fuel, and extraction loss data;

- Form EIA-191, "Monthly and Annual Underground Gas Storage Report," for underground storage injections, withdrawals, and capacities;
- Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," for city gate prices;
- Form EIA-906, "Power Plant Report," and FERC-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," and EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" for the quantity of gas consumed by the electric power sector and the price of natural gas consumed by electric power;
- EIA-910, "Monthly Natural Gas Marketer Survey," for natural gas prices paid by residential and/or commercial end-use customers in the States of Georgia, Maryland, New York, Ohio, and Pennsylvania ; and
- Office of Fossil Energy report, Natural Gas Imports and Exports, for the quantity and price of natural gas imports and exports.

More discussion of data sources and methodology is provided in Appendix A.

EIA's ongoing data quality efforts have resulted in revisions to the 2003 data series. Production volumes have been revised for several States. Several data series based on the Form EIA-176, including deliveries to end-users in several States, were also revised.

Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
<u>Publications</u>		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly estimates of natural gas in underground storage for the U.S. and three regions of the United States
<i>Natural Gas Weekly Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF, HTML, XLS	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF, XLS	Annual supply, disposition, and price data
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF, HTML	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Current/Historical Monthly Data	XLS	Consumption and price data, 1973-present
Annual Data	XLS	Data from the <i>Natural Gas Annual</i>
Historical Annual Data	XLS	Data from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat

XLS (Excel) files are in spreadsheet format and are viewable and downloadable to the user's personal computer.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing zipped archives which initially generate numerous files and then form an application which is installed on the user's personal computer.

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