

## Online Products

### API DATA

#### API Data

[www.api.org/apidata](http://www.api.org/apidata)

Nowadays, the oil and natural gas industry moves, quite literally, at the speed of light. Information races around the globe in the blink of an eye. Facts and figures fly back and forth, and if you're in the right place at the right time, you get the information you need.

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For sales, contact IHS at 1-800-854-7179

For technical inquiries, contact Crystal Harrod at (202) 682-8492

#### Weekly Statistical Bulletin

An essential tool for producers, users, traders, and analysts of petroleum, it reports total U.S. and regional data relating to refinery operations and the production of the five major petroleum products: oxygenated, reformulated and other motor gasoline, and kerosine jet fuel, distillate (by sulphur content) and residual fuel oil. These products represent more than 80 percent of total refinery production. Inventories of these products as well as crude oil and unfinished oils are also included, along with refinery input data. There are additional breakouts of gasoline blending components and distillate sulfur levels.

The Weekly Statistical Bulletin is usually published each Wednesday morning, and covers the previous week's activity. A separate Monthly Statistical Report, which is published 2 to 3 weeks following the end of the report month, analyzes and comments on the significance of trends reflected in the weekly data.

Prior years' data are available at a reduced cost. Customized reports are also available for specific weekly series at a negotiable cost.

Single subscriber	Member	Non-Member
T00040 Weekly Statistical Bulletin (immediate)	\$9,800.00	\$14,000.00

#### Monthly Statistical Report

Contains timely interpretation and analysis of recent developments for major products, production, imports, refinery operations, and inventories? accompanied by API's estimates of these data for the most recent month and graphs of major series, including product deliveries, crude oil production, imports, refinery activity, and inventories for the past 24 months.

In addition, the December issue, published in early January, presents year-end supply/demand estimates and summarizes developments of the year. Quarterly estimates are also included four times per year. API's Monthly Statistical Report is published 2 to 3 weeks following the end of the month.

Single subscriber	Member	Non-Member
T00002 Monthly Statistical Report	\$2,240.00	\$3,200.00

#### Imports and Exports of Crude Oil and Petroleum Products (12 Issues)

Published monthly by the API, the imports report contains detailed data on the imports of crude oil and petroleum products. Details include: importer of record, port of entry, country of origin, recipient, destination, quantity and API gravity (except residual fuel oil) and sulfur content (for crude oil and residual fuel oil).

The exports report is published monthly by the API and contains detailed data on crude oil and petroleum products exports. Included are port of exit, country of destination, the number of shipments, quantity, shipment value and derived prices.

Import data is based on reports filed with DOE's Energy Information Administration. The report is available by the second week of each month. Historical data are also available in electronic format.

The exports report is based on data collected by the Department of Commerce/Bureau of the Census and is available each month.

Single subscriber	Member	Non-Member
T00050 Imports/Exports	\$8,400.00	\$12,000.00

#### Inventories of Natural Gas Liquids and Liquefied Refinery Gases

This report presents data on the inventory levels of ethane, propane, isobutane, normal butane, and pentanes plus. These inventories, located at natural gas plants, refineries, bulk terminals and in underground storage, are grouped into eight regional areas. The report is issued each month and it covers the previous month.

Single subscriber	Member	Non-Member
T00004 Inventories Report	\$3,800.00	\$4,000.00

#### Quarterly Well Completion Report

Provides detailed information on reported drilling activity, as well as estimates of the total number of wells and footage drilled for the current and recent quarters. The estimates of quarterly completions and footage are disaggregated by well type, depth interval, and quarter for the current year and 2 prior years.

The data on reported drilling by date of completion includes well and footage data by quarter on a state and/or area basis. The reported drilling activity is also presented by depth interval. These tables show the cumulative number of well completions for the current year and 2 prior years.

Separate tables are also provided by year for total wells, exploratory and development wells and new-field wildcat completions on a state and/or area basis. Reported completions by depth interval are given on an annual basis for the total United States, for exploratory wells, total U.S. onshore, and total U.S. offshore.

The report is available within two weeks following the end of a quarter.

Single subscriber	Member	Non-Member
T00006 Quarterly Well Completion Report	\$2,100.00	\$3,000.00

#### Sales of Natural Gas Liquids and Liquefied Refinery Gases

Presents the results of the annual survey jointly sponsored by the American Petroleum Institute (API), Gas Processors Association (GPA) Antion Propane Gas Association (NPGA) and Propane Education & Research Council (PERC). This publication reports estimated sales of Natural Gas Liquids and Liquefied Refinery Gases and not consumption.

Single subscriber		
N62817 2010 Sales of Natural Gas Liquids & Liquefied Refinery Gases		\$300.00

#### Joint Association Survey on Drilling Costs

This annual report is the only long-term source of information on detailed U.S. drilling expenditures. The survey, conducted since 1959, presents information on wells, footage and related expenditures for each active drilling area. Data for oil wells, gas wells, and dry holes are reported

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separately and the information is further disaggregated by depth interval for each state and area. Similar summary tables are provided for the offshore and onshore areas. Also included in the report are sections on drilling expenditures for exploratory and development wells, horizontal wells and coal-bed methane gas wells. A comparison of the impact of price change on the drilling costs is also included. Repackaged to include only summary cost data.

Single subscriber

T00007 2010 Joint Association Survey \$3,000.00

## Basic Petroleum Data Book (2 issues)

Provides valuable domestic and world statistical background information, beginning in most instances with 1947. Included are data on energy, reserves, exploration and drilling, production, finance, prices, demand, refining, imports, exports, offshore transportation, natural gas, Organization of Petroleum Exporting Countries, and environmental.

The printed Data Book is updated and published twice a year. Each report is issued in a self-contained, bound volume, and is no longer needed once the next issue is published.

Both the electronic and printed versions also include a glossary of definitions and a source list (names, telephone numbers) for references in the Data Book.

Single subscriber

Member Non-Member

T00008 Basic Petroleum Data Book \$3,290.00 \$4,700.00

05400 Hard Copy (2 issues only) \$1,120.00 \$1,600.00

## Standard Definitions of Petroleum Statistics

Contains key definitions of terms used in API surveys and reports such as the Weekly Statistical Bulletin?including definitions for new products such as high and low sulfur distillate fuel and RFG. A new section containing environmental terms has also been added to this report.

These definitions were designed to provide a consistent basis for the reporting and interpretation of petroleum industry statistics. They are not intended to meet definitional requirements for disciplines such as taxation, engineering and law.

5th Edition | 1995 | Price: \$65.00 | Member Price: \$46.00

## API State Information Network

The API State Information Network is an on-line database of state legislative and regulatory information presented from a petroleum industry perspective. Located on the world wide web, the API State Information Network is password-protected and available on an annual subscription basis.

For more information call (202) 682-8212 or e-mail [fowler@api.org](mailto:fowler@api.org).

## SECURITY

### API Standard for Third Party Network Connectivity

Provides guidance for implementing secure third-party connections between the information technology systems and network of two companies that have a business relations and a common objective.

The standard will provide suggestions for companies to establish third-party network connections while protecting their individual systems and data from unauthorized access or manipulation. Pages: 36

October 2007 | Product Number: TSTP01 | Price: \$87.00

### Security Guidance for the Petroleum Industry

API's Second Edition of *Security Guidance for the Petroleum Industry*, is now in use at oil and gas facilities around the world to help managers decide how to deter terrorist attacks. Covering all segments of the industry (production, refining, transportation, pipeline, and marketing), this guidance builds on the existing solid foundation of design and operational regulations, standards, and recommended practices, which relate to facility design and safety, environmental protection, emergency response, and protection from theft

and vandalism. Produced in close collaboration with the U.S. Department of Homeland Security and other federal agencies, these guidelines, viewed as a living document, are broadly applicable to facility security in light of September 11, 2001, and provide the starting point for developing security plans at oil and natural gas facilities and operations. Pages: 169

2nd Edition | March 2003 | Product Number: OS0001 | Price: \$185.00

You may access this document in a read-only platform at: [publications.api.org](http://publications.api.org)

### Security Vulnerability Assessment Methodology for the Petroleum and Petrochemical Industries

The American Petroleum Institute and the National Petrochemical & Refiners Association jointly developed a new methodology for evaluating the likelihood and consequences of terrorist attacks against refineries and petrochemical facilities. *Security Vulnerability Assessment Methodology for Petroleum and Petrochemical Facilities* is designed for companies to use in assessing vulnerabilities and potential damages from different kinds of terrorist attacks. In the post September 11 era, companies have reevaluated and enhanced security at their facilities. The methodology will provide officials with a new analytical tool to determine "the likelihood of an adversary successfully exploiting vulnerability and the resulting degree of damage or impact." This vulnerability assessment methodology was produced in close collaboration with the U.S. Department of Homeland Security and other federal agencies. Pages: 155

October 2004 | Product Number: OSVA02 | Price: \$185.00

You may access this document in a read-only platform at: [publications.api.org](http://publications.api.org)

## SOFTWARE

### API Risk-Based Inspection Software

API RBI software, created by petroleum refinery and chemical plant owner/users for owner/users, finds its basis in API Publication 581, Base Resource Document—Risk-Based Inspection. Practical, valuable features are built into the technology, which is based on recognized and generally accepted good engineering practices.

The purposes of the Risk-Based Inspection Program are:

- Screen operating units within a plant to identify areas of high risk.
- Estimate a risk value associated with the operation of each equipment item in a refinery or chemical process plant based on a consistent methodology.
- Prioritize the equipment based on the measured risk.
- Design a highly effective inspection program.
- Systematically manage the risks associated with equipment failures.

The RBI method defines the risk of operating equipment as the combination of two separate terms: the consequence of failure and the likelihood of failure.

For more information: e-mail [rbi@api.org](mailto:rbi@api.org) or call 281-537-8848

### Publ 4575

#### Proceedings of the 1991 Oil Spill Conference Infobase

The Proceedings of the 1991 Oil Spill Conference are available on 3.5" or 5.25" computer diskette. More than 700 pages of proceedings, including hundreds of illustrations, can be loaded onto IBM or IBM-compatible personal computers. The minimum requirements of 512K RAM, hard disk drive, VGA monitor, and DOS 3.0 or higher, are listed in the Reference Manual that gives complete instructions for operating the infobase. A tutorial and glossary are included.

January 1993 | Product Number: I45751 | Price: \$57.00

### Publ 4636

#### HGSYSTEM 3.0: Technical Reference Manual and User's Guide

The Technical Reference Manual is intended as a source of background information for users who want to know more about the technical/scientific contents of the HGSYSTEM modules used to model atmospheric dispersion of neutrally buoyant and heavier-than-air gases. The modules calculate release terms, evaporating liquid pools, jet dispersion, and heavy gas

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dispersion. The User's Guide contains all the information necessary to run HGSYSTEM and interpret results. The IBM-compatible software provided includes the source and executable codes of HGSYSTEM 3.0. Users require a minimum of a 386 processor, DOS 3.3, 4 MB RAM and 2.5 MB disk space. (Two binders are included.) Pages: 281

November 1995 | Product Number: I46360 | Price: \$264.00

## Publ 4640

### Petroleum in the Freshwater Environment: An Annotated Bibliography, 1946–1993

The growing concern for petroleum contamination in freshwater ecosystems led API to generate an annotated bibliography to serve as a valuable resource of existing literature on petroleum and its impact on the freshwater environment. It cites literature from 1946 through 1993 on the impact of petroleum products and oil spill cleanup agents on the biota of freshwater ecosystems, on the chemistry and fate of petroleum and cleanup agents in freshwater, and on the review of cleanup methods in freshwater systems. The electronic companion infobase has been prepared in two versions to enhance the value of the annotations: The VIP editable version of the infobase allows the user to add new references, make personal annotations (e.g. bookmarks, notes, highlights, and pop-ups), and delete unwanted references. The standard noneditable version is read-only. Both versions are completely searchable; each word in the bibliography is indexed. Pages: 224

March 1997

(noneditable) Product Number: I46400 | Price: \$58.00

(VIP editable) Product Number: I46401 | Price: \$72.00

## Publ 4661

### Exploration and Production Emission Calculator II (EPEC II) User's Guide

The Exploration and Production Emission Calculator Version 2.0 (EPEC II) is a software tool that can be used to estimate emissions for exploration and production (E&P) facilities. EPEC II integrates user inputs, emission calculations, and data summaries for many equipment types common to E&P facilities. The calculation techniques and emission factors utilized by the EPEC II software were, in most cases, established by the U.S. Environmental Protection Agency (EPA), the American Petroleum Institute (API), and the Gas Research Institute (GRI). Published references that provide background information for the calculation methods used in EPEC II are given for each equipment type in both the software and in each section of this User's Guide. Pages: 96

2nd Edition | January 2007 | Product Number: I466102 | Price: \$115.00

## Publ 4680

### Amine Unit Air Emissions Model Evaluation

The implementation of the 1990 Clean Air Act Amendments (CAAA) in the United States has created the need for a reliable method to estimate and report hydrocarbon emissions from amine units. A simulation package, called Amine Unit Air Emission Model (AMINECalc) Version 1.0 was developed. This report evaluates the AMINECalc model by comparing the simulation results with field data collected from operating gas plants. It also recommends improvements and modifications to refine the predictions. See also Publ 4679. Pages: 96

December 1998 | Product Number: I4680 | Price: \$113.00

## Publ 4697

### Production Tank Emissions Model (E&P TANK, Version 2.0) (New version to be released in 2012)

E&P TANK, developed in conjunction with the Gas Research Institute, is a personal computer model designed to use site-specific information in a user-friendly format to predict emissions from petroleum production storage tanks. The model calculates flashing losses and simulates working and standing losses, using data provided by the user. Calculations distinguish between HAPs and VOCs, showing detailed speciated emission rates from

methane to decanes. System requirements are an IBM PC 386 compatible or higher, at least 2 MB RAM, a math coprocessor, and WINDOWS® 3.1 or later. Pages: 86

April 2000 | Product Number: I46970 | Price: \$532.00

Member Price: \$266.00

## ELECTRONIC BUSINESS STANDARDS (EDI AND XML)

### Publ 3800

#### AVNET—Electronic Document Formats for Aviation Fuel Sales

The AVNET Implementation Guideline includes instructions for implementing electronic formats for aviation fuel invoices, delivery tickets, price notifications, and electronic payment/remittance advice transactions sets. Conventions for the use of these documents encompass both the American National Standards Institute (ANSI) ASC X12 EDI format and the United Nations EDIFACT (UN/EDIFACT) standard.

Hard Copy Product Number: O38002 | Price: \$452.00

Electronic (PDF) Product Number: O3800D | Price: \$452.00

### Publ 3802

#### Audit Control Guide

This publication is a comprehensive examination of the audit and control issues that should be taken into consideration when implementing Electronic Data Interchange (EDI). The guide is intended to be used as a reference document in the preparation of more definitive guidelines, programs and procedures for specific users and business risks.

Product Number: O38020 | Price: \$144.00

### Publ 3805

#### CDEX—Checkstub Data Exchange Implementation Guidelines

The CDEX Implementation Guideline provides information on the field formats and record layouts to facilitate the transmission and processing of crude oil and natural gas lease revenue checkstub detail.

Product Number: O38050 | Price: \$140.00

### Publ 3810

#### CODE—Crude Oil Data Exchange Implementation Guidelines

The CODE Implementation Guidelines provide information on the field formats and record layouts to facilitate the transmission and processing of crude oil run tickets, oil run statements and tank increments regarding purchases between producers and transporters.

Product Number: O38100 | Price: \$140.00

### Publ 3815

#### COS—Crude Oil Settlements Implementation Guidelines

The COS Implementation Guidelines provides instructions for facilitating the exchange of crude oil settlement invoices, account balance statements, and electronic payments/remittance advice transactions sets. The guideline includes industry conventions for the use of the American National Standards Institute (ANSI) ASC X12 Invoice (810), Payment Order/Remittance Advice (820), and Inventory Inquiry/Advice (846) Transaction Sets.

Product Number: O38150 | Price: \$270.00

### Publ 3820

#### GRADE—Gas Revenue Accounting Data Exchange Implementation Guideline (Proprietary Format)

The GRADE Implementation Guideline facilitates the transmission and processing of natural gas liquids and natural gas metered and allocated volumes, test data and plant/lease settlement data using a proprietary data format.

Product Number: O38200 | Price: \$140.00

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## Publ 3821

### GRADE—Gas Revenue Accounting Data Exchange Implementation Guideline (ANSI ASC X12 Format)

The GRADE Implementation Guide facilitates the transmission and processing of natural gas liquids and natural gas metered and allocated volumes, test data and plant/lease settlement data using the American National Standards Institute (ANSI) ASC X12 Report of Test Results (863) Transaction Set based on version/release 3060.

Product Number: 038210 | Price: \$270.00

## Publ 3822

### JIBE—Joint Interest Billing Exchange Implementation Guideline

The JIBE Implementation Guideline provides information for the use of Electronic Data Interchange (EDI) for the exchange of joint interest billing data and invoice detail between trading partners. The guide gives the mapping specifications for the Joint Interest Billing (819) Transaction Set based on ASC X12 Version/Release 4140.

Product Number: 038220 | Price: \$270.00

## Publ 3830

### PIPENET—Pipeline Operations Information

The PIPENET Implementation Guideline provides information for the use of electronic data interchange for the exchange of pipeline operations data between trading partners. It contains industry conventions for sending nominations, confirmations, meter and gauge tickets, inventory statements as well as pipeline invoices. This guide utilizes the Invoice (810), Inventory Inquiry/Advice (846), Receiving Advice (861), and Planning Schedule with Release Capability (830) transaction sets based on ASC X12 Version/Release 4010.

2nd Edition | Product Number: 038300 | Price: \$452.00

## Publ 3835-3

### Purchasing and Materials Management Implementation Guideline

The Purchasing and Material Management Implementation Guideline contains conventions for purchasing documents including purchase orders, invoices, and acknowledgments. This publication includes industry conventions on the American National Standards Institute (ANSI) ASC X12 Invoice (810), Price/Sales Catalog (832), and Purchasing Suite (850/855/860/865) of transactions sets based on version/release 3030. The guideline also contains industry conventions for the ANSI ASC X12 Payment Order/Remittance Advice (820) Transaction Set based on version/release 3040 as well as the Request for Quotation (840) and Response to Request for Quotation (843) based on version/release 2040. In addition, conventions for the Ship Notice/Manifest (856), Order Status Inquiry (869), and Order Status Report (870) transaction sets based on version/release 3010 are included as well.

4th Edition | Hard Copy Product Number: 038353 | Price: \$452.00

PDF File Product Number: 03835D | Price: \$452.00

## Publ 3855

### WITS—Wellsite Information Transfer System Implementation Guideline

The WITS Implementation Guideline provides instructions and the format for transmitting real-time drilling parameters and information to joint interest partners.

Product Number: 038550 | Price: \$270.00

## Publ 3860

### WODEX—Well-operating Data Exchange Implementation Guideline

The WODEX Implementation Guideline provides instructions to use Electronic Data Interchange (EDI) for the transfer of well-operating data between operators, working interest owners and regulatory agencies, using the American National Standards Institute (ANSI) ASC X12 Product Transfer and Resale Report (867) based on version/release 3030.

Product Number: 038600 | Price: \$270.00

## Publ 3865

### PIDD—Petroleum Industry Data Dictionary

The diskette contains a working repository developed by PIDX of standardized business terms and definitions used to facilitate Electronic Data Interchange (EDI) across the petroleum industry.

Product Number: 038650 | Price: \$140.00

## Publ 3875

### Progress of Electronic Commerce Implementation in the Petroleum Industry—1999

This latest in a series of surveys was designed and conducted to aid the process of collecting data to cost justify and support the benefits of PIDX and EDI. The inaugural survey was conducted in the Fall of 2000 and requested 1999 data.

Product Number: 038754 | Price: \$341.00

## Publ 3875

### Progress of Electronic Commerce Implementation in the Petroleum Industry—1998

This is the third in a series of surveys which was designed and conducted to aid the process of collecting data to cost-justify and support the benefits of PIDX and EDI. This inaugural survey was conducted in the summer of 1998 and requested 1997 data.

Product Number: 038753 | Price: \$200.00

## **Publ 3875**

### **Progress of Electronic Commerce Implementation in the Petroleum Industry—1997**

This is the second in a series of surveys which were designed and conducted to aid the process of collecting data to cost-justify and support the benefits of PIDX and EDI. The goals of the data collection efforts were to: measure the progress of EDI implementation within the industry and to identify areas for improvement; quantify the benefits to the industry of implementing EDI; determine industry averages for use as benchmarks; and analyze trends. This inaugural survey was conducted in the summer of 1997 and requested 1996 data.

**Product Number: 038752 | Price: \$200.00**

## **Publ 3875**

### **Progress of Electronic Commerce Implementation in the Petroleum Industry—1996**

This is the first in a series of surveys which were designed and conducted to begin the process of collecting data to cost-justify and support the benefits of PIDX and EDI. The goals of the data collection efforts were to: measure the progress of EDI implementation within the industry and to identify areas for improvement; quantify the benefits to the industry of implementing EDI; determine industry averages for use as benchmarks; and analyze trends. This inaugural survey was conducted in the summer of 1996 and requested 1995 data.

**Product Number: 038750 | Price: \$200.00**

## **RP 3901**

### **PIDX XML Transaction Standards, Version 1.0**

12 transaction XML schemas for Quote Request, Quote, Quote Notification, Return Requisition Request, Order, Order Response, Order Change, Field Ticket, Field Ticket Response, Invoice, Invoice Response, and Invoice Exception.

Standards for elements for transaction forms for Cementing Services, Coiled Tubing Services, Completion Services, Logging Services for cased and open holes, Perforating Services, Stimulation services, oilfield transportation services, well drilling and bit services, and well testing services.

**Product Number: 039010 | Price: \$82.00**

