

2001	2006	2011	2016	2021
86.8	95.8	109.6	120.1	135.3
87.6	97.1	109.3	119.9	135.5
96.2	96.8	107.8	110.1	115.5
69.6	88.5	123.1	135.7	158.3
107.4	99.9	102.2	100.8	100.9
125.9	102.7	94.6	86.3	77.8
93.4	86.6	111.1	122.2	135.9
91.6	90.4	107.7	113.8	123.8
91.5	96.3	113.8	124.3	146.3
74.2	93.3	100.0	114.0	132.7
90.4	96.5	106.5	117.3	133.1
86.2	94.1	107.1	118.4	134.0

World Energy & Water Usage Forecasts

Forecasts for the years **2016 & 2021**

Composite #CWEW1206 | June 2012 | \$2400 | 127 tables

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Composites Overview

The contents of our World Composite Forecasts consist of tables that set forth historical and forecast series for (1) crude oil consumption, (2) crude oil production, (3) dry natural gas production, and (4) nonagricultural water usage. Forecasts are generally made on a country-by-country basis. The series presented in this publication are developed by the Freedonia Group's economics department. These are the same series used by our industry analysts in the preparation of our various industry studies.

For each series, historical figures are presented for 2001, 2006 and 2011; forecasts are provided for 2016 and 2021.

Unlike Freedonia's typical industry study, composites contain no text, so there is no narrative that explains the analysis behind the forecasts. However, an informative title describes the

contents of each table. For a complete listing of the specific items contained in a particular table, please contact our Client Services Department at 1.800.927.5900 (US) or 440.684.9600 (international).

One can access the various series for a particular country or region by referring to Section VI of the Forecasts, which provides Regional and Country Tables. One can access a series for a particular item in Sections I through V. In these Sections, series for a particular item (for example, crude oil consumption) are presented for multiple countries within a particular region. Please refer to the sample tables in this brochure for examples of the form of presentation.

The economic series presented in this study were made as of June 2012.

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Crude Oil Consumption

Historical data for 5 years and 10 years back.

Forecasts for 5 years and 10 years forward.

TABLE I-5

EASTERN EUROPE CRUDE OIL CONSUMPTION BY COUNTRY
(million barrels)

Item	2001	2006	2011	2016	2021
World Crude Oil Consumption % Eastern Europe	SAMPLE TABLE				
Eastern Europe Crude Oil Consumption					
Bulgaria					
Czech Republic					
Hungary					
Poland					
Romania					
Russia					
Slovakia					
Slovenia					
Ukraine					
Other Eastern Europe					

Source: The Freedonia Group, Inc.

TABLE III-6

AFRICA/MIDEAST CRUDE OIL PRODUCTION
(EXCLUDING NATURAL GAS) BY COUNTRY
(million barrels)

Item	2001	2006	2011	2016	2021
World Crude Oil Production % Africa/Mideast	SAMPLE TABLE				
Africa/Mideast Crude Oil Production					
Africa:					
Algeria					
Angola					
Egypt					
Libya					
Nigeria					
Other Africa					
Mideast:					
Azerbaijan					
Iran					
Iraq					
Kuwait					
Oman					
Qatar					
Saudi Arabia					
Syria					
United Arab Emirates					
Other Mideast					

Source: The Freedonia Group, Inc.

Crude Oil Production

Separate tables present figures which include and exclude natural gas and other liquids (including biofuels).

All tables presented in millions of barrels.

Dry Natural Gas Production

Tables presented in trillion cubic feet.

Each region has major countries broken out separately.

TABLE VI-7

ASIA/PACIFIC DRY NATURAL GAS PRODUCTION BY COUNTRY
(trillion cubic feet)

Item	2001	2006	2011	2016	2021
World Dry Natural Gas Production					
% Asia/Pacific					
Asia/Pacific Dry Natural Gas Production					
Asia:					
China					
India					
Indonesia					
Kazakhstan					
Malaysia					
Pakistan					
Thailand					
Turkmenistan					
Uzbekistan					
Other Asia					
Pacific:					
Australia					
New Zealand					

SAMPLE TABLE

Source: The Freedonia Group, Inc.

TABLE VII-6

AFRICA/MIDEAST NONAGRICULTURAL WATER USAGE BY COUNTRY
(cubic kilometers per year)

Item	2001	2006	2011	2016	2021
World Nonagricultural Water Usage					
% Africa/Mideast					
Africa/Mideast Nonagricultural Water					
Africa:					
Egypt					
Nigeria					
South Africa					
Other Africa					
Mideast:					
Iran					
Iraq					
Israel					
Saudi Arabia					
Turkey					
Other Mideast					

SAMPLE TABLE

Source: The Freedonia Group, Inc.

Nonagricultural Water Usage

Tables presented in cubic kilometers per year.

Regional & Country Tables

Obtain content for multiple items for a particular country in the Regional & Country Tables.

TABLE VIII-4					
MEXICO CRUDE OIL & NATURAL GAS PRODUCTION; CRUDE OIL & WATER USAGE					
Item	2001	2006	2011	2016	2021
Crude Oil Consumption (mil bbl)					
Crude Oil & Other Liq Consump (mil bbl)					
Crude Oil Production, ex nat gas (mil bbl)					
Crude Oil Production, incl nat gas (mil bbl)					
Crude Oil & Other Liquids Prdn (mil bbl)					
Dry Natural Gas Production (tril cu ft)1.30					
Nonagricultural Water Usage (cubic km/yr)					

Source: The Freedonia Group, Inc.

TABLE VIII-68					
KAZAKHSTAN CRUDE OIL & NATURAL GAS PRODUCTION					
Item	2001	2006	2011	2016	2021
Crude Oil Production, ex nat gas (mil bbl)					
Crude Oil Production, incl nat gas (mil bbl)					
Crude Oil & Other Liquids Prdn (mil bbl)					
Dry Natural Gas Production (tril cu ft)					

Source: The Freedonia Group, Inc.

Tables contain up to 7 line items per country. Some countries present fewer than 5 lines.

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