Oil reserves-to-production (R/P) ratios

2012 by region

<table>
<thead>
<tr>
<th>Region</th>
<th>R/P Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>60</td>
</tr>
<tr>
<td>S. &amp; Cent. America</td>
<td>150</td>
</tr>
<tr>
<td>Europe &amp; Eurasia</td>
<td>90</td>
</tr>
<tr>
<td>Middle East</td>
<td>120</td>
</tr>
<tr>
<td>Africa</td>
<td>150</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>60</td>
</tr>
</tbody>
</table>

History

- North America: 160
- S. & Cent. America: 150
- Europe & Eurasia: 140
- Middle East: 130
- Africa: 120
- Asia Pacific: 90
- World: 80

Years: 82, 87, 92, 97, 02, 07, 12, 0
Distribution of proved oil reserves in 1992, 2002 and 2012
Percentage

- Middle East
- S. & Cent. America
- North America
- Europe & Eurasia
- Africa
- Asia Pacific
Oil production/consumption by region
Million barrels daily
Oil consumption per capita 2012
Tonnes

Legend:
- 0-0.75
- 0.75-1.5
- 1.5-2.25
- 2.25-3.0
- > 3.0
Oil product consumption by region
Million barrels daily

Light distillates

Middle distillates

- Asia Pacific
- Africa
- Middle East
- S. & Cent. America
- North America
- Former Soviet Union

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Oil product consumption by region
Million barrels daily

Fuel oil

- Asia Pacific
- Africa
- Middle East
- Former Soviet Union

Others

- Europe
- S. & Cent. America
- North America

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Rotterdam & Gulf Coast product prices
US dollars per barrel

Rotterdam product prices

US Gulf Coast product prices

Source: Platts
Regional oil refining margins
US dollars per barrel
Natural Gas
Gas reserves-to-production (R/P) ratios

2012 by region

History
Distribution of proved gas reserves in 1992, 2002 and 2012

Percentage

- Middle East
- Europe & Eurasia
- Asia Pacific
- Africa
- North America
- S. & Cent. America

1992
- Total 117.6 trillion cubic metres

2002
- Total 154.9 trillion cubic metres

2012
- Total 187.3 trillion cubic metres
Gas production/consumption by region
Billion cubic metres
Gas consumption per capita 2012
Tonnes oil equivalent

Source: Includes data from Cedigaz.
Gas prices
$/Mmbtu

- US Henry Hub
- Average German Import Price cif
- UK NBP
- Japan LNG cif
Major gas trade movements 2012
Trade flows worldwide (billion cubic metres)
Coal
Coal reserves-to-production (R/P) ratios

2012 by region

<table>
<thead>
<tr>
<th>Region</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>300</td>
</tr>
<tr>
<td>S. &amp; Cent. America</td>
<td>250</td>
</tr>
<tr>
<td>Europe &amp; Eurasia</td>
<td>200</td>
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<tr>
<td>Middle East &amp; Africa</td>
<td>150</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>100</td>
</tr>
</tbody>
</table>

History

- North America
- S. & Cent. America
- Europe & Eurasia
- Middle East & Africa
- Asia Pacific
- World

Years: 1992 to 2012
Distribution of proved coal reserves in 1992, 2002 and 2012

Percentage

Europe & Eurasia
Asia Pacific
North America
Middle East & Africa
S. & Cent. America

Coal production/consumption by region
Million tonnes oil equivalent

Production by region

Consumption by region
Coal consumption per capita 2012
Tonnes oil equivalent
Nuclear Energy
Nuclear energy consumption by region
Million tonnes oil equivalent

- Rest of World
- Asia Pacific
- Europe & Eurasia
- North America
Hydroelectricity
Hydroelectricity consumption by region
Million tonnes oil equivalent
Renewable energy consumption/share of power by region

Other renewables consumption by region
Million tonnes oil equivalent

- Asia Pacific
- Africa
- Middle East
- Europe & Eurasia
- S. & Cent. America
- North America

Other renewables share of power generation by region
Percentage

- World
- Asia Pacific
- Africa
- Middle East
- Europe & Eurasia
- S. & Cent. America
- North America
Biofuels production by region
Million tonnes oil equivalent

World biofuels production

- Rest of World
- Europe & Eurasia
- S. & Cent. America
- North America

Graph showing biofuels production by region from 2002 to 2012.
Primary energy
Primary energy world consumption
Million tonnes oil equivalent

- Coal
- Renewables
- Hydroelectricity
- Nuclear energy
- Natural gas
- Oil

87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 0

13000 12000 11000 10000 9000 8000 7000 6000 5000 4000 3000 2000 1000
Primary energy regional consumption pattern 2012
Percentage
Primary energy consumption per capita 2012
Tonnes oil equivalent

[Map showing energy consumption per capita by country, with shades indicating different consumption levels.]
Fossil fuel reserves-to-production (R/P) ratios

Years

- Oil
- Natural gas
- Coal

OECD  Non-OECD  European Union  Former Soviet Union  World

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