What happens with the data?

Joint Rosstat – IEA Energy statistics workshop
Contents

What happens with data?
What and where are they published?

- Monthly oil
- JODI
- Monthly natural gas
  - Monthly Gas Statistics
  - Gas Trade Flows
  - GAS Jodi
What are monthly oil data used for?

**Internally**
- Market Analysis: used internally for monthly oil market report, medium-term oil market review.
- Monitoring of stock levels - for example: IEA 90 days obligation
- Energy security and emergency data - for example: dependence on Libya crude oil imports, self sufficiency etc

**Externally**
- Data published in publications – for example: Oil, Gas, Coal and Electricity Quarterly
- Data published on website – Monthly oil survey
- Electronic databases made available – for example: MODS
IEA Monthly oil market report (OMR)

Monthly report which provides analysis of latest global developments in the oil market:

- Supply
- Demand
- Trade
- Refineries
- Stocks
- Prices
The Monthly Oil Survey

For OECD, regions and some individual country data

- Production
- Trade
- Refinery data
- Demand
- Stocks

Data available in pdf and in Excel from the IEA website

www.iea.org/stats/surveys/oilsurv.pdf
The Monthly Oil Data Service:

- **Supply, Demand, Balances and Stocks:** Historical monthly data for OECD countries and forecasts. Also quarterly non-OECD demand data and forecasts.
- **Trade:** OECD imports from over 90 origins and exports to over 80 destinations for 21 products.
- **Field by Field Supply:** Monthly, quarterly and annual production, starting in 1993 and including the forecast period.

An electronic data service
Different Tables
<table>
<thead>
<tr>
<th>COUNTRY: France</th>
<th>PRODUCT: Motor Gasoline</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BALANCE</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>TIME</strong></td>
</tr>
<tr>
<td>Refinery Gross Output [in KT]</td>
<td>1,553</td>
</tr>
<tr>
<td>Refinery Gross Output [in KB]</td>
<td>13,123</td>
</tr>
<tr>
<td>Refinery Fuel [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Total Imports [in KT]</td>
<td>44</td>
</tr>
<tr>
<td>Total Exports [in KT]</td>
<td>453</td>
</tr>
<tr>
<td>International Marine Bunkers [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Interproduct Transfers + Recycled + Primary Products Receipts...</td>
<td>50</td>
</tr>
<tr>
<td>Stock Change (National Territory) [in KT]</td>
<td>118</td>
</tr>
<tr>
<td>Statistical Difference [in KT]</td>
<td>347</td>
</tr>
<tr>
<td>Gross Inland Deliveries (Observed) [in KT]</td>
<td>729</td>
</tr>
<tr>
<td>Inland Deliveries of Automotive Diesel and LPG [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Primary Product Receipts [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Gross Deliveries Adjustment for OMR [in KT]</td>
<td>430</td>
</tr>
<tr>
<td>Backflows to Refineries [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Backflow Adjustment for OMR [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Demand as defined in the Oil Market Report [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Opening stock level - National Territory [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Closing stock level - National Territory [in KT]</td>
<td>0</td>
</tr>
<tr>
<td>Closing Government stock level [in KT]</td>
<td>0</td>
</tr>
</tbody>
</table>
Quarterly Oil data

Quarterly Statistics

For OECD, regions and individual country data

- Oil Supply and Demand
- Production, trade, refinery intake and output, stock changes, levels and consumption for major oil products.
- Detailed trade data by origin and destination
- Gas Supply and Demand
- Detailed trade data by origin and destination

Data available in paper publication only!

Joint Rosstat – IEA Energy statistics workshop – 14-17 February 2012
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JODI Oil data

- **IEA website:** all IEA/OECD countries
  - Only production, demand, closing stock levels and stock changes
  

- **IEF website:** world including IEA/OECD countries
  - Production, trade, demand, closing stock levels and stock changes
  
  - [http://www.jodidata.org/](http://www.jodidata.org/)
JODI database online

Available from the IEA website

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The Jodi World Database
Transparency is the key word behind JODI. JODI organisations do not estimate data that has not been submitted by participating countries nor change data submitted by them as the data is officially sanctioned.

Access the JODI Database

Access The Data

- Access the online database
- Download the latest data file

JODI World Database
The JODI World Database is a work in progress. Transparency is the key word behind the initiative and, the free availability of the JODI World Database plays a key role in working towards this ideal.
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Analysis

IEA website

Publications

Online data service

Quarterly data

www.iea.org

Monthly Gas Data Service (MGDS)

Joint Rosstat – IEA Energy statistics workshop – 14-17 February 2012
Mid-term Oil and Gas market review

World Energy Outlook

Our future: A golden age for natural gas?
29 March 2011

IEA analysis looks at the rapid growth in supply of ‘unconventional’ gas and liquefied natural gas

Back in 2006, a handful of energy experts met on the fringes of the World Gas Conference to discuss the challenges of increasing output of ‘unconventional’ gas. Three years later the same subject was discussed at the same event, but this time the speakers found themselves at the heart of the conference and with a capacity crowd to contend with. read more...
The Monthly Gas Survey

MONTHLY NATURAL GAS SURVEY

September 2009

www.iea.org/stats/surveys/natgas.pdf

For OECD, regions and some individual country data

• Balance

• Imports

• Exports

Data available in pdf and in Excel
## Observed Flows

### Imports

<table>
<thead>
<tr>
<th>Location</th>
<th>Max flow (Mcm/h)</th>
<th>April 2006</th>
<th>May 2006</th>
<th>June 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griespass</td>
<td>2.63</td>
<td>1508</td>
<td>57455</td>
<td>1478</td>
</tr>
<tr>
<td>Panigaglia</td>
<td>0.54</td>
<td>283</td>
<td>10973</td>
<td>315</td>
</tr>
<tr>
<td>Mazara del Vallo</td>
<td>3.73</td>
<td>2263</td>
<td>86220</td>
<td>1703</td>
</tr>
<tr>
<td>Gela</td>
<td>1.25</td>
<td>620</td>
<td>23622</td>
<td>239</td>
</tr>
<tr>
<td>Gorizia</td>
<td>0.2</td>
<td>23</td>
<td>876</td>
<td>29</td>
</tr>
<tr>
<td>Tarvisio</td>
<td>4.69</td>
<td>2250</td>
<td>85725</td>
<td>1909</td>
</tr>
<tr>
<td>Others (Falconara + Casalborsetti)*</td>
<td>0.67</td>
<td>92</td>
<td>3505</td>
<td>115</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13.71</strong></td>
<td><strong>7043</strong></td>
<td><strong>268338</strong></td>
<td><strong>6133</strong></td>
</tr>
</tbody>
</table>

### Exports

<table>
<thead>
<tr>
<th>Location</th>
<th>Max flow (Mcm/h)</th>
<th>April 2006</th>
<th>May 2006</th>
<th>June 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griespass</td>
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<td>Gorizia</td>
<td>0.18</td>
<td>27.0</td>
<td>1028</td>
<td>27.9</td>
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<tr>
<td>Tarvisio</td>
<td>0.37</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Bizzarone (Como)</td>
<td>0.05</td>
<td>5.1</td>
<td>193</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32.0</strong></td>
<td><strong>1221</strong></td>
<td><strong>30.9</strong></td>
<td><strong>1177</strong></td>
</tr>
</tbody>
</table>

## Monthly Gas Trade Flows Project

### General Information on Entry/Exit points for gas Import, export and transit

<table>
<thead>
<tr>
<th>Location</th>
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<td><strong>268338</strong></td>
<td><strong>6133</strong></td>
</tr>
</tbody>
</table>

### Monthly Data

- **April 2006**: 1508 Mcm, 57455 Terajoules
- **May 2006**: 1478 Mcm, 56311.8 Terajoules
- **June 2006**: 1289 Mcm, 49111 Terajoules

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Joint Rosstat – IEA Energy statistics workshop – 14-17 February 2012
To improve transparency in the European gas market, the IEA has been collecting monthly gas flow data on an entry and exit point basis (physical flows) for winter and has made it available on an interactive map. Clicking on border points and countries will show additional gas information. You can also explore other options as provided by the software, for example the full screen mode by clicking at the bottom of the map on
3. Monthly Gas Trade Flows

To improve transparency in the European gas market, the IEA has been collecting monthly gas flow data on an entry and exit point basis (physical flows) for winter and has made it available on an interactive map. Clicking on border points and countries will show additional gas information. You can also explore other options as provided by the software, for example the full screen mode by clicking at the bottom of the map on...
Free on the IEA website:
http://www.iea.org/gtf/index.asp
Quarterly natural gas data

Quarterly Statistics

For OECD, regions and individual country data

- Gas Supply and Demand in cu m
- Detailed trade data by origin and destination

- Data available in paper publication only!

Joint Rosstat – IEA Energy statistics workshop – 14-17 February 2012
The Monthly Gas Data Service:

- supply balances from Jan 1984
- production, trade, stock changes and levels where available, gross inland deliveries, own use and losses,
- highly detailed trade data,
- LNG trade detail from January 2002.

*Data in cu m and TJ*
GAS JODI - monthly gas data for M-1

- New project – data will be made available soon
Thank you!
Questions welcome