

The JODI-Gas Questionnaire

This chapter describes the JODI-Gas Questionnaire and covers the instructions for reporting and the set of definitions that accompany the Questionnaire.

The Questionnaire

The JODI-Gas Questionnaire is the form used to collect data on natural gas on a monthly basis. It is shown below:

JOINT ORGANISATIONS DATA INITIATIVE GAS QUESTIONNAIRE			
Country _____			
Month _____			
Year _____			
	Natural Gas million m³ (at 15°C. 760mm hg)	Natural Gas Terajoules	Natural Gas 1000 metric tons
	A	B	C
Production			
Receipts from other sources			
Imports			
<i>LNG</i>			
<i>Pipeline</i>			
Exports			
<i>LNG</i>			
<i>Pipeline</i>			
Stock Change			
Gross Inland Deliveries (Calculated)	0	0	
Statistical Difference (Calculated)	0	0	
Gross Inland Deliveries (Observed)			
<i>of which: Electricity and Heat Generation</i>			
Closing stocks			

Mass to volume conversion factor of LNG (if you have a specific figure)

m³ / metric ton	LNG
Conversion factor	

The JODI-Gas Questionnaire is designed to be simple. It focuses on the main flows that are relevant to natural gas supply, such as Production, Receipts from Other Sources, Imports, Exports, Closing Stocks, Stock Change, and Gross Inland Deliveries.

Countries and economies are asked to provide data in both million cubic metres under standard conditions and in terajoules (TJ) on a gross calorific value (GCV) basis (more information on the measurement units and calorific values is provided in Chapter 5). In addition, since a number of countries may also have data on the trade of LNG on a mass basis, an extra column is provided. If a specific factor is available for the conversion between mass and volume for LNG, this should be reported in the conversion factor field at the bottom of the main table.



Instructions for completion

The JODI-Gas Questionnaire is accompanied by a set of instructions for data reporting as shown below and further described in subsequent chapters. These instructions cover general information on the reporting, such as deadlines for submission and contact information.

The JODI-Gas Questionnaire should be submitted to the relevant JODI organisation by the 25th day of each month. Countries and economies are encouraged to report data for the month prior to the current month (M-1) as well as revisions, if available, for the period two months before the current month (M-2). While there is emphasis on reporting the most recent month and correcting the previous month, countries and economies are encouraged to submit historical revisions whenever necessary for as far back as relevant, with no time limit or cut-off point.

Countries and economies are encouraged to send any additional related information if there are any deviations from the JODI-Gas definitions that can then be documented in metadata, for example if any data points are provisional or incomplete and can be used to provide an explanation for any unusual data.

If a data point is not available or confidential, data submitters are requested to label those data accordingly (with an NA or C) rather than report a zero or leave a field blank. Not available should be used when the flow or stock is relevant for a jurisdiction, but was not collected or reported (on either a normal or exceptional basis). This could arise, for example, if a company does not report the data for a particular month or the national administration does not collect the data regularly. Although some JODI organisations cannot yet reflect these qualifiers in their databases, it can still aid their understanding of the data received in each Questionnaire.

Instructions

Deadline for submission: 25th of each month

The Excel form includes two worksheets: one for month M-1 and one for month M-2.

1. Please do not change the format of the Excel form.
2. Please make sure that you indicate the **correct data month** in the cell for Month.
3. For specific details, please see the Brief Reporting Guide in this workbook.
4. The following qualifiers should be used when relevant:
 - C – Confidential
 - NA – Data are not available.

When completed, please save the Excel file and send to: ... [Organisation]

If you have other questions or want more information, please contact: ... [Organisation]



Brief reporting guide

The JODI-Gas Questionnaire Excel file is accompanied by a set of short “definitions” that provide quick guidance on reporting. For more complete explanations, the statistician is encouraged to consult this Manual.

Time

M-1 is last month,
i.e. the month prior to the current month.
M-2 is two months before the current month.

DESCRIPTION OF PRODUCT

Natural gas:

Natural gas is defined as a mixture of gaseous hydrocarbons, primarily methane, but generally also including ethane, propane and higher hydrocarbons in much smaller amounts and some non-combustible gases such as nitrogen and carbon dioxide. It includes both “non-associated” gas and “associated” gas. Colliery gas, coal seam gas and shale gas are included while manufactured gas and biogas are excluded except when blended with natural gas for final consumption. Natural gas liquids are excluded.

DESCRIPTION OF FLOWS

Production:

Dry marketable production within national boundaries, including offshore production, measured after purification and extraction of NGL and sulphur. Production does not include quantities reinjected, extraction losses or quantities vented or flared. It should include quantities used within the natural gas industry, in gas extraction, pipeline systems and processing plants.

Receipts from Other Sources:

Gas from energy products that have been already accounted for in the production of other energy products. Examples include petroleum gases or biogases that have been blended with natural gas.

Imports/Exports:

Amounts are considered imported or exported when they have crossed the physical boundaries of the country, whether customs clearance has taken place or not. Goods in transit and goods temporarily admitted/withdrawn are excluded but re-imports, that is domestic goods exported but subsequently readmitted, are included (same for re-exports). Deliveries for international bunkers should be excluded.



Pipeline Imports/Exports:

The import/export of gaseous natural gas through pipelines, to be reported in TJ and million cubic metres.

LNG Imports/Exports:

The import/export of liquefied natural gas (LNG) through ocean tankers, to be reported in TJ, million cubic metres or metric tons (always on a re-gasified equivalent basis).

Stock Change:

Stock Change should reflect the difference between the closing stock level and the opening stock level of recoverable gas, already extracted. A stock build is shown as a positive number, and a stock draw as a negative number.

Gross Inland Deliveries (Calculated):

This is defined as: $\text{Production} + \text{Receipts from Other Sources} + \text{Imports} - \text{Exports} - \text{Stock Change}$.

Statistical Difference (Calculated):

This is the difference between the Calculated and Observed Gross Inland Deliveries. Reasons for any major differences should be stated on the remarks sheet.

Gross Inland Deliveries (Observed):

This category represents deliveries of marketable gas to the inland market, including gas used by the gas industry for heating and operation of their equipment (i.e. consumption in gas extraction, in the pipeline system and in processing plants); losses in distribution should also be included. Deliveries to international marine and aviation bunkers should be included.

Of which: Electricity and Heat Generation:

This covers the deliveries of natural gas for the generation of electricity and heat in power plants. Both main-activity and autoproducer plants are included.

Closing Stocks

Closing Stocks refer to the stock level held on the national territory on the last day of the reference month.

