

Monthly Gas Data Service (MGDS)

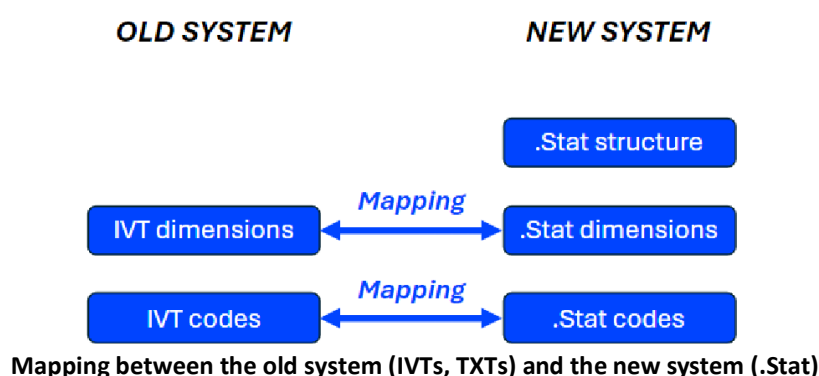
Mapping Description for Transition from
Beyond 2020 (IVT, TXT) to .Stat Data
Explorer Platform

International
Energy Agency

This document provides an overview of the mapping applied to the MGDS datasets for the transition from the Beyond 2020 dissemination tool and WDS platform to the .Stat Data Explorer platform. The previous platform provides data in IVT and TXT formats, whereas the new platform offers data in a webpage interface, allowing users to extract the data in CSV and Excel formats. Data in TXT file format will still be available for download without change in their structure during a transitional period.

Detailed mapping tables, highlighting the exact relationships between the legacy and new formats, are available in accompanying Excel files.

The image below illustrates the Excel mapping spreadsheets, which facilitate the mapping between IVT and .Stat dimensions and codes.



Each file contains four worksheets, as listed below. Please note that, since TXT and IVT files share the same nomenclature, the instructions for transitioning from IVT to .StatSuite also apply to the transition from TXT to .StatSuite.

- The **.Stat Structure** tab contains basic information on the structure of the tables in .StatSuite Explorer.
- The **IVT to .Stat Structure Map** tab provides a mapping between the legacy and the new system's dimensions.
 - One important difference from the previous IVT file data structure is the use of more dimensions to describe datapoints. For example, each flow is now associated with a product, and each product is linked to a unit.
 - Additionally, new dimensions such as frequency and type of measure have been introduced, offering users enhanced context for each dataset.
- The **.Stat Codes** tab lists all the available codelists/dimensions and elements of the specific dataset.
 - Users can filter the desired dimension to navigate between the short code names, the long names and the description. This tab also provides valuable insight into qualifiers and confidentiality status, both of which are new dimensions compared to the previous system.
- Finally, the **IVT Code Mapping** tab provides all the required information for users who need to update their data processing schemes from using the IVT format as inputs to using the CSV export from .StatSuite Explorer.

Notes specific to MGDS datasets

While the transition to .StatSuite is widespread across many IEA datasets, some changes specific to MGDS are worth mentioning.

As already stated above, the energy products do not contain the unit information in .Stat, as unit is a dimension. For example, a datapoint in a IVT file referring to *NATGASCM* will be retrieved in .Stat Data Explorer with *ENERGY_PRODUCT = NATURAL_GAS* and *UNIT = M_M3*.

Another important change is the distinction between entries/imports and exits/exports. In 2011, there was a change in the trade data reporting methodology. Starting with January 2011 data, the Imports and Exports no longer represent ultimate origins and destinations but are replaced by Entries and Exits, corresponding to the amounts that physically crossed the national boundaries of the country.

To make this change in the methodology visible in our datasets, we introduced the elements Entries/Exits in the new platform. Therefore, in the legacy system (IVTs, TXTs), trade was reported under Imports and Exports, while in the new system, trade data before 2011 is reported under Imports/Exports and after 2011 is reported under Entries/Exits.

This is illustrated in the graph below. This information can be found in the **IVT Code Mapping** tab of the **MGSBAL mapping excel file**.

