



## Do you collect and publish statistics?



**Fusion Registry® 9 helps to simplify, automate and control the process.**

**End-users get the statistics they want, with minimum effort from you.**

Fusion Registry 9 Enterprise Edition from Metadata Technology is a **statistical data management system** designed specifically for government agencies and public bodies who need an efficient way to collect, integrate, process and publish official statistics.

Data stewards can define and enforce a robust structure for their datasets. Data is loaded from Excel spreadsheets or a range of other sources, automatically checked for compliance with the structure rules, and published on the web – all in a single operation.

That makes it ideal for **Open Data**.

But it can also be used for...

- ▶ Collecting and integrating statistical data from multiple separate departments or government agencies
- ▶ Reporting operating statistics
- ▶ Providing a central controlled source of time series or cross-sectional data for internal data scientists and statisticians

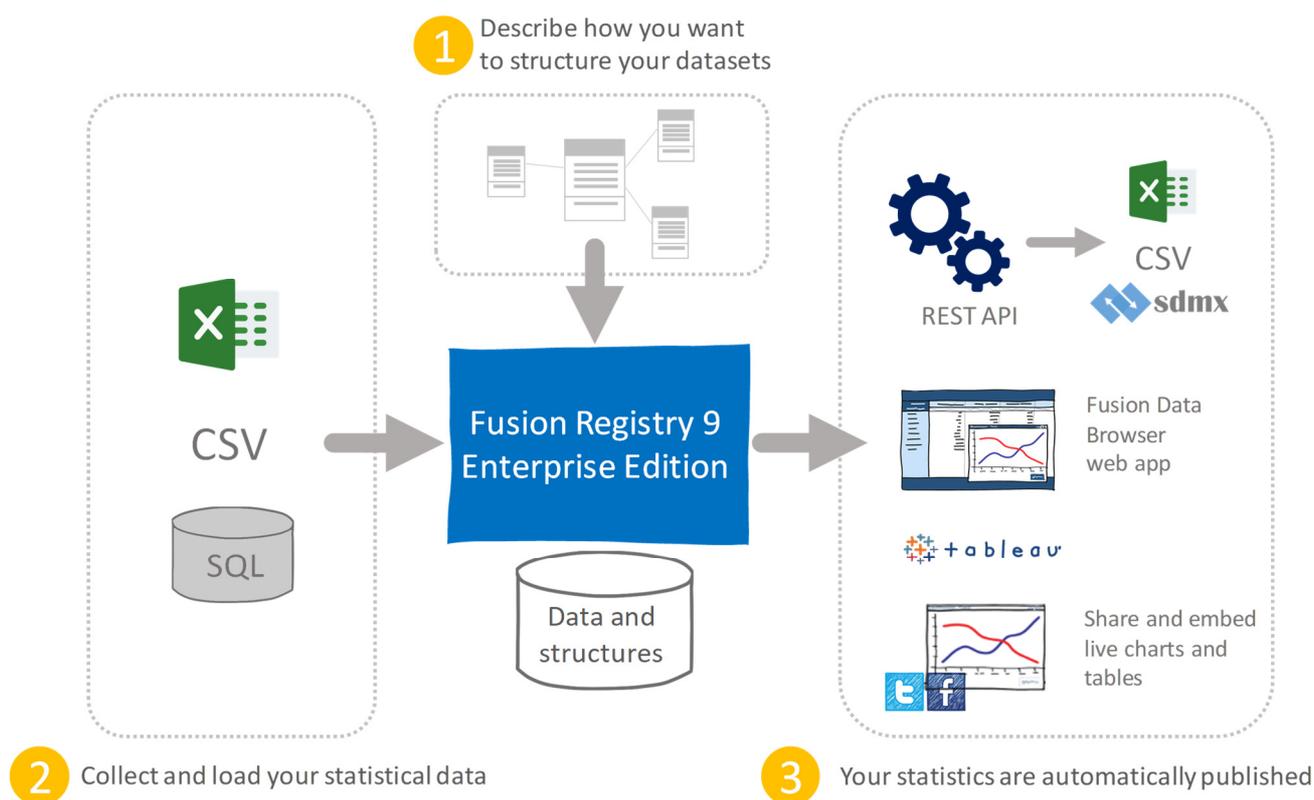
Fusion Registry 9 uses the *SDMX Statistical Data and Metadata eXchange* ISO standard for describing and holding the data. SDMX is a non-proprietary, open standard sponsored by a group of international organisations including the World Bank, the International Monetary Fund and the United Nations Statistics Division.

**Interested?** Contact us for a demonstration.

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# How does it work?



## 1 Start by describing how you want to structure your datasets

Creating a clear description of how your data should be structured is an essential first step - the concepts being measured, how they are classified and rules for data quality. Fortunately, Fusion Registry 9's web user interface provides an easy way to do this.

Define your own structures, or use standard ones. There's a library on the SDMX 'Global Registry' (<https://registry.sdmx.org>). You can even share ones you create with peer organisations who publish similar datasets to promote the use of common structures.

## 2 Collect and load the data

The data can be entered as simple Excel spreadsheets. For automation, CSV is also supported or Fusion Registry can extract data directly from existing SQL databases.

Multiple departments or agencies who contribute data for the same dataset can each submit their own spreadsheets which are automatically integrated on load into a single cohesive dataset. In fact, Fusion Registry further simplifies the collection process by generating pre-formatted Excel forms for data providers to complete and upload themselves using the web interface.

## 3 Publish

New data are available to end-users as soon as they have been successfully loaded. The data can be easily downloaded through Fusion Registry hosted URLs in Excel, CSV, JSON and other formats. The URLs can be published on data.gov.uk, placed on your own website, included in blogs or shared in emails.

The included Fusion Data Browser web app provides a great way for users to explore your data catalogue, choose datasets and series of interest, create charts and download the data in multiple formats. The charts, which can be shared on social media or embedded in websites, are live – they'll update automatically when new data is published.

There's even a connector for Tableau.