OXFORD ECONOMICS

Datafeed Service

FAQ

What is the Oxford Economics Datafeed Service?

The **Datafeed Service** allows you to receive forecast datasets from **Oxford Economics** automatically, whenever they are updated.

Who can use it?

The service is available to clients who subscribe to one or more of our online databanks and requires a one-time setup fee of $3,000 plus a $2,000 annual subscription (i.e. $5,000 in year one)

What delivery options are there?

We currently offer two ways for you to receive new data each time the databank is updated:

- **FTP** (including SFTP). We send a file to your designated FTP server.
- **Download**. We email you a link which allows you to download a file in a web browser.

How do I subscribe?

To become a datafeed recipient, we ask that you contact datafeed.admin@oxfordeconomics.com in the first instance to discuss your requirements.

Following that, the typical setup process is as follows:

1. Using our **Global Data Workstation** (requires login), you create a saved selection which includes the locations, indicators, date range, etc. that you're interested in. Alternatively, if you simply require all the available variables in a databank, let us know and we'll create this selection for you. You can download the data for this selection to get an idea of what your datafeed will look like. **Please note: there are some important differences between the download format and what you will receive via the Datafeed Service**.

2. When you're happy with the selection, you let us know which one it is, which delivery option you'd like to use and, if applicable, your FTP server details.

3. We'll configure your datafeed using your saved selection. From then on, you'll automatically receive new forecast data from us each time it is updated.

4. If you need to amend your datafeed selection, you can update it using the **Global Data Workstation** and your changes will automatically take effect in the next file we send.

What will I receive?

Each datafeed delivery consists of a single `.zip` archive file which will be named: `<YYYYMMdd>_<Your selection name>.zip`

The `.zip` file will contain three `.csv` files:

- `<YYYYMMdd>_<Your selection name>_Annual.csv` . Annual data for your selected variables.
- `<YYYYMMdd>_<Your selection name>_Quarterly.csv` . Quarterly data for your selected variables (where available).
- `<YYYYMMdd>_<Your selection name>_Contacts.csv` . For each location in the dataset, contact details for one of our economists who specialises in that location.

Please see the appendix for the schema of the annual and quarterly data files.

How does the FTP transfer work?

Each time the relevant forecast dataset is updated, we'll send a new file to your designated FTP server. To do this, we'll need to know a few things about your FTP server:

- IP address or URL
- Port number
- Username and password
- Destination folder (if not the root)

The file transfers will originate from one of these IP addresses:

- 51.144.32.232
- 80.168.60.197
- 95.128.8.106

You'll also receive an email each time to notify you of the transfer.

How can I find out more?

Please contact datafeed.admin@oxfordeconomics.com to find out more or to begin setting up your datafeed.

Appendix

Data file schema

> **Please note**: depending on the source databank, the schema may contain additional columns not

> mentioned below. Please treat the schemas below as indicative only. If you need a specification to build your receiving process, please ask us for an example file for your data selection.

There is a choice of "folded" or "unfolded" data formats, also known as "horizontal" and "vertical". The unfolded format contains a column for each period (quarter or year) in the selected range. The folded format contains a single column containing all datapoints and one or two additional columns to indicate the period.

Horizontal years and quarters (unfolded)

Indicator	2015 Q1	2015 Q2	2015 Q3	2015 Q4
CPI	1	2	3	4

Vertical years and quarters (folded)

Indicator	Year	Period	Data
CPI	2015	Qtr 1	1
CPI	2015	Qtr 2	2
CPI	2015	Qtr 3	3
CPI	2015	Qtr 4	4

Horizontal / unfolded

Column name	Type	Description	Contains blanks?
Location	`string`	Location name.	No
Indicator	`string`	Indicator name.	No
Units	`string`	Unit of measure for variable data.	Yes
Scale	`string`	Scale for variable data.	Yes
Measurement	`string`	Indicates transformation applied to data. Possible values: `Level`, `% change y/y`, `% change q/q`, `Difference y/y`, `Difference q/q`, `Annualised q/q`.	No
[Data columns]	`number`|"NA"	One datapoint column for each period in the selection.	No
Source	`string`	Original data provider.	Yes
Seasonally adjusted	`boolean`	Whether or not the data are seasonally adjusted.	No
Base year price	`string`	Base year for constant prices (where applicable).	Yes
Base year index	`string`	Base year for index (where applicable).	Yes
Historical end year	`number`|"NA"	The last year for which a historical (i.e. non-forecast) value exists.	Yes
Historical end quarter	`number`|"NA"	The last quarter in the historical end year for which a historical (i.e. non-forecast) value exists.	Yes
date (DD			

Date of last update	date (*DD MMMM YYYY*)	Indicates when this variable was last updated in the databank. E.g. `17 March 2017`	No
Source details	`string`	Abbreviated variable composition.	Yes
Additional source details	`string`	Describes the composition of the variable.	Yes
Location code	`string`	Oxford Economics identifier for location.	No
Indicator code	`string`	Oxford Economics identifier for economic indicator.	No

Vertical / folded

Please note: the column marked with * only appears in the quarterly data file.

Column name	Type	Description	Contains blanks?
Location	`string`	Location name.	No
Indicator	`string`	Indicator name.	No
Units	`string`	Unit of measure for variable data.	Yes
Scale	`string`	Scale for variable data.	Yes
Measurement	`string`	Indicates transformation applied to data. Possible values: `Level`, `% change y/y`, `% change q/q`, `Difference y/y`, `Difference q/q`, `Annualised q/q`.	No
Source	`string`	Original data provider.	Yes
Seasonally adjusted	`boolean`	Whether or not the data are seasonally adjusted.	No
Base year price	`string`	Base year for constant prices (where applicable).	Yes
Base year index	`string`	Base year for index (where applicable).	Yes
Historical end year	`number`|"NA"	The last year for which a historical (i.e. non-forecast) value exists.	Yes
Historical end quarter	`number`|"NA"	The last quarter in the historical end year for which a historical (i.e. non-forecast) value exists.	Yes
Date of last update	`date` (*DD MMMM YYYY*)	Indicates when this variable was last updated in the databank. E.g. `17 March 2017`	No
Source details	`string`	Abbreviated variable composition.	Yes
Additional source details	`string`	Describes the composition of the variable.	Yes

Location code	`string`	Oxford Economics identifier for location.	No
Indicator code	`string`	Oxford Economics identifier for economic indicator.	No
Year	`number`	The year to which this datapoint relates.	No
*Period	`string`	The quarter to which this datapoint relates. Possible values: `Qtr 1`, `Qtr 2`, `Qtr 3`, `Qtr 4`.	No
Data	`number`|"NA"	The datapoint for this period.	No
Unique id	`string`	A unique code for this datapoint.	No
Series id	`string`	A unique code this variable.	No

Legacy (not available to new clients)

Column name	Type	Description	Contains blanks?
CRCode	`string`	Oxford Economics identifier for location.	No
Country	`string`	Location name.	No
Mnem	`string`	Oxford Economics identifier for economic indicator.	No
Cat	`string`	Indicator category.	Yes
KeyCat	`string`	(Deprecated) Usually a duplicate of *Cat*.	Yes
AType	`string`	Calculation used for annual values. Possible values: `A` = Average, `T` = Total, `Q` = Last quarter.	No
AnnData	`boolean`	Indicates an annual-only variable.	No
Descn	`string`	Variable description.	No
Units	`string`	Unit of measure for variable data.	Yes
Scale	`string`	Scale for variable data.	Yes
BaseYrPrices	`string`	Base year for constant prices (where applicable).	Yes
BaseYrIndex	`string`	Base year for index (where applicable).	Yes
OrigSrceProv	`string`	Original data provider.	Yes
OrigSrce	`string`	Describes the composition of the variable.	Yes
Source	`string`	Abbreviated variable composition.	Yes
SeasAdj	`boolean`	Whether or not the data are seasonally adjusted.	No
HistEnd	`string`	The last period for which a historical (i.e. non-forecast) value exists.	Yes
[Data columns]			No