



Bank of England Statistics taxonomy version 1.2.0 PWD release note

21 April 2021

Version 1.2.0 public working draft (PWD) of the Bank of England Statistics taxonomy is an update to support the collection of statistical data previously collected in an XML format. This change was announced in [Statistical Notice 2021/02](#).

The taxonomy, data point model (DPM) dictionary, annotated templates and validation rules represent the reporting requirements outlined on the [Forms, definitions and validations page](#) of the Bank of England website, and collected under the Statistical Code of Practice. The data point model is an extension of the European Banking Authority's (EBA) data point model and filings will be subject to the EBA filing rules as published on the [EBA website](#).

We invite feedback, particularly from firms and software vendors, on the PWD technical artefacts to uktaxonomypwdfeedback@bankofengland.co.uk by Friday 21 May 2021. This PWD should not be used for reporting. We will aim to publish the final version of the taxonomy and DPM in late July/ early August 2021.

Specific points to note

- Reporting of forms AS and FV is currently completed against BoE Statistics taxonomy version 1.1.0. In the PWD of version 1.2.0 there are minor amendments to these modules in order to bring consistency across the full suite of forms. Validation rules currently implemented in version 1.1.0 for forms AS and FV are not in the version 1.2.0 PWD but these will be added for the final version. We will give timelines for when version 1.2.0 should be used for reporting forms AS and FV with the final publication of the taxonomy in late July/ early August.
- As the forms have been modelled in a data-centric manner box codes are no longer used. In the supporting Excel documents table, row, column and sheet references are used, which makes it clear for validation rules which data points are being compared.
- Both in form and cross form validation rules are present in the supporting Excel validations document. Only in form validation rules are present within the taxonomy package.
- The code assigned to each validation rule is prefixed by the related module(s). For cross form rules the modules are listed in alphabetical order.
- For the PWD publication all forms are structured as separate modules within the same framework. There is also an 'all' module which has all templates and validations associated to it. This structure should not be considered finalised at this stage but we welcome feedback on the approach.

- A sample file for each entry point in the taxonomy has been provided for illustration purposes. Note the files contain random data which should not be assumed to comply with the validation rules, EBA filing rules or any other technical or business requirements for valid reporting.
- We intend to move away from using the reporting institution code as the firm identifier for statistical reporting. In the version 1.2.0 PWD we have included data points for reporting the Legal Entity Identifier (LEI) or Firm Reference Number (FRN) as the firm identifier within the basic information template. We will make clear with the final taxonomy publication what should be used as a firm identifier.

Changes to document formatting

The Bank of England have refined their data model and taxonomy generation processes to ensure updates are made in a robust and automated manner. This PWD has been produced using these refined generation processes and so there are some cosmetic differences in the outputs being published compare to BoE Statistics taxonomy version 1.1.0. Key differences are outlined below:

- Additions, deletions and modifications are no longer highlighted according to the previous colour convention. Instead this information will be provided in a change log with the final taxonomy publication, and this log will include increased traceability on changes made to validation rules.
- Within the data dictionary, the domain owner has been added as a prefix to the worksheet names.

Annotated templates

- Each table is now given its own worksheet, rather than being grouped at a template level. Automation software can struggle with the previous approach of multiple tables on the same sheet as there isn't a clear start point to each table (given table lengths vary). To aid navigation a hyperlink to return to the 'Table of Contents' worksheet has been added in the top left of all table worksheets.
- Indented text within spreadsheet cells is no longer used. Instead separate columns are used to articulate the parent-child relationship that exists between rows. This change should improve the readability of our templates by giving clarity over the relationship between reporting requirements.
- Minor changes have been made to the notation of dimensional modelling. Dimension headings now include the dimension owner and references to the applicable domain have been removed. The domain is still noted against the domain member notation, and here the domain owner has also been added. An example is articulated below.

| | Previous notation | Revised notation |
|--------------------------|---------------------------|-------------------------------|
| Dimension heading | (BAS:BA) Base | eba_dim:BAS (Base) |
| Domain member | (BA:x17) Memorandum items | eba_BA:x17 (Memorandum items) |

- Text colouring has been removed from the dimensional modelling of rows, columns and sheets. Some annotated templates have many dimensions and the text colouring was intended to differentiate between them, with the colours chosen holding no particular meaning. However this may have caused some

confusion; the new format gives a faint grey border, which should help to differentiate between dimensions, and consistent column widths.

- Row codes have moved to the right-hand side of the row label. Freeze panes have also been added to ensure axis codes and labels remain visible when scrolling through the worksheet.
- Not reportable data points have become more apparent as they are now coloured grey as well as crossed out. Previously a grey fill colour was used to indicate row and column labels but the introduction of freeze panes removes the need for this colouring.

Entry points

Added

| Entry point code | Entry point label | SchemaRef |
|------------------|-------------------|---|
| all | All forms | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/all.xsd |
| ad | Form AD | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ad.xsd |
| al | Form AL | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/al.xsd |
| as | Form AS | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/as.xsd |
| be | Form BE | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/be.xsd |
| bg | Form BG | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/bg.xsd |
| bh | Form BH | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/bh.xsd |
| bn | Form BN | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/bn.xsd |
| bt | Form BT | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/bt.xsd |
| c1 | Form C1 | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/c1.xsd |
| ca | Form CA | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ca.xsd |
| cc | Form CC | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/cc.xsd |
| ce | Form CE | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ce.xsd |
| cl | Form CL | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/cl.xsd |
| cx | Form CX | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/cx.xsd |
| dq | Form DQ | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/dq.xsd |
| el | Form ELS | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/el.xsd |

| | | |
|----|---------|---|
| er | Form ER | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/er.xsd |
| fi | Form FI | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/fi.xsd |
| fo | Form FO | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/fo.xsd |
| ft | Form FT | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ft.xsd |
| fv | Form FV | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/fv.xsd |
| gt | Form GT | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/gt.xsd |
| ic | Form IC | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ic.xsd |
| io | Form IO | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/io.xsd |
| is | Form IS | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/is.xsd |
| ln | Form LN | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/ln.xsd |
| mm | Form MM | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/mm.xsd |
| mq | Form MQ | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/mq.xsd |
| pb | Form PB | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/pb.xsd |
| pl | Form PL | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/pl.xsd |
| pm | Form PM | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/pm.xsd |
| wo | Form WO | http://www.bankofengland.co.uk/data/xbrl/fws/banking_stat/stats/2021-04-19/mod/wo.xsd |