

Approaches for producing granular trade statistics

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In the current context of Brexit, there is a more acute need to monitor changes to the UK economy. In particular, the UK government needs to scrutinise movements of import and export in services by products and by countries, at a more granular level than what ONS currently publishes. In view of this requirement, this project aims to produce more granular import/export International Trade in Services output tables ensuring that the new tables meet the required official statistics standards in terms of disclosure control and accuracy.

Team members

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The need

ONS national account needs to better understand the flow of trade in services than currently published in the Pink Book.

Ensure that the new tables comply with the official statistics standards in terms of disclosure control and accuracy.

Impact

This work-stream has been identified as a high priority by the Economic Statistics Group

Data science

- Data munging
- Operation and automation

Stakeholders

ONS National Accounts

Related and existing work

- The trade team is further extending the code to include additional data sources other than ITIS.

Delivery

- **June 2018** Providing more granular level data within disclosure framework.
- **Phase 2** Build a predictive model from other indicators to fill in missing products/countries not included in the survey
- **Phase 3** Look for novel Data Science techniques for imputation, data annotation, synthetic data
- **Phase 4** Identify patterns across country and product groups

Further information

Please contact datasciencecampus@ons.gov.uk for more information.

Updates

- No updates yet.