

Item 3.2 Data quality assurance of granular reporting

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4 November 2020

Dialogue with the banking industry on ESCB statistics

Overview

- **1** Technical Workshops with the banking industry and NCBs
- 2 Main principles for a harmonised data quality assessment
- 3 Common approach for data quality assurance of granular reporting

1. Technical Workshops with the banking industry and NCBs



OP Finance Group Swedbank



Eesti Pank

Narodowy Bank

Polski

Bank of Greece

Alpha Bank

Piraeus Bank SA

Swedbank

Oesterreichische Nationalbank

Komerční

banka a.s.

Erste

Group

UBI Banca

Latvijas Banka

European

Banking

Federation

European

Central Bank

2. Main principles for a harmonised data quality assessment



<u>Common understanding and</u> perspective of data quality

Encompassing view on data quality relevant to all parties involved (reporters, producers, users)

Focus on the reported dataset as a whole instead of record-by-record

Aim for harmonised approach across different granular data collections



Limited set of clear and simple data quality metrics (DQis)

Set of key indicators to allow easy and fast overview on the state of data quality/validation

Clear link between metrics and required data validation work as well as its prioritisation

Take into account the **relative impact** of individual findings and potential data issues

Effectiveness

Ensure reported data is ...

- ➔ in line with defined requirements
- → reported in time to allow for timely processing
- → consistent, both internally (i.e. within a single reporting and across time) and externally (across datasets)

Integrated and harmonised data quality assessment framework



Clear definition and communication of data checks, validation metrics and prioritisation of data quality work ...

- allows anticipation of a large part of required data validation efforts on reporter side
- ➔ minimises need for ad-hoc queries
- supports flexibility to further develop metrics based on gained experience and feedback

3. Common approach for data quality assurance of granular reporting



Way forward

- Stepwise implementation of new metrics and data quality procedures to better prioritise DQ work
- Enhance information flows between ECB/NCBs and reporting agents with respect to data quality issues
- Continue discussion in technical workshops to obtain feedback from reporters and establish a fruitful collaboration

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Thank you very much!

Questions are welcome