

IMPECT: recent developments in harmonized processing and selective editing

Statistics Netherlands

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IMPECT 2: short-term statistics

- Total redesign; improved efficiency through selective editing and use of VAT-data
- Monthly / quarterly enterprise-based statistics
- Key-variable: total turnover
- Additional variables depending on branch of business
- Industries: manufacturing, construction, wholesale and retail trade, transport and communication, other commercial services (total survey: +/- 40 000 units)
- Output: index numbers and growth rates

Process and highlights

- Uniform process for all short term statistics involved
- Use of VAT-data instead of questionnaires for small enterprises in most branches
- Automatic correction of obvious errors
- Plausibility-indicator (growth rate and contribution) selects records
 - interactive editing: 20 %
 - computerized editing: 80%
- Automatic detection of outliers
- Publication strategy

Current situation & work ahead

- Selection: between 20-80 and 80-20; adjustment is needed
- VAT-data: selective responses (monthly-quarterly)
- Evaluation:
 - imputation of new non-response units
 - prioritizing follow-up
 - organizational issues

Thank you

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