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Case Studies

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We welcome the submission of case studies for inclusion in the guide. All fields are optional. At the end of the form there is a place to provide detailed information.

CASE STUDY

Case Study Title**Please provide a brief description of the work****Organisation****Country (if applicable)****Use of the information provided**

- The information provided can be shared publicly as part of the guide
- Don't share this information publicly, but only among colleagues in official statistics
- Only use this information in aggregates or as anonymous information

Unless otherwise indicated, information may be shared publicly as part of the guide.

Contact Person**Email address****Please indicate the reason(s) for integrating data in this case**

- As a source for sample frames
- To supplement surveys (e.g. for a part of population, for a set of variables)
- To supplement traditional censuses (e.g. register based population census, agricultural census)
- For replacing sample surveys
- For replacing traditional censuses (e.g. register based population censuses, agricultural census)
- For maintaining registers
- For data validation
- For data editing and/or imputation
- For estimation (e.g. small area estimation)
- To provide geospatial products
- For customised data services
- To create statistical products in partnership with other organisations
- To meet the requirements of measuring the Sustainable Development Goals (SDGs)
- Other

If other, please describe and/or provide links**Please indicate the types of data being integrated with other data for the production**

- Survey data
- Census data
- Automatic identification systems

of statistics in your organisation

- Banking/stock records (2220)
- Blogs and comments (1200)
- Car/vehicle location (3122)
- Commercial transactions (2210)
- Credit cards (2240)
- Data from public administration (2100)
- E-commerce (2230) E-Mail (1900)
- Home automation (3111)
- Internet searches (1600)
- Logs (3110)
- Medical records (2110)
- Mobile data content: text messages (1700)
- Mobile phone location (3121)
- Mobile phone: call/text times and positions (312.)
- Personal documents (1300)
- Pictures: Instagram, Flickr, Picasa etc. (1400)
- Satellite images (3123)
- Scientific sensors (3114)
- Security/surveillance videos/images (3115)
- Smart Energy Meters (311?)/Smart gas meters
- Social Networks: Facebook, Twitter, Tumblr etc. (1100)
- Traffic sensors/webcam (3113)
- User-generated maps (1800)
- Videos: Youtube etc. (1500)
- Weather/pollution sensors (3112)
- Web logs (3220)

Source Classification of types of big data

(<https://statswiki.unece.org/display/bigdata/Classification+of+Types+of+Big+Data>) plus additional items

If other, please describe and/or provide links**Please indicate the statistical domain(s) covered by this case study**

- Agriculture, forestry, fisheries (2.4.1)
- Banking, insurance, financial statistics (2.4.6)
- Business statistics (2.3)
- Culture (1.9)
- Economic accounts (2.2)
- Education (1.3)
- Energy (2.4.2)
- Entrepreneurship (3.3.7)
- Environment (3.1)
- Gender and special population groups (3.3.2)
- Globalisation (3.3.4)
- Government finance, fiscal and public sector statistics (2.5)
- Health (1.4)
- Human settlements and housing (1.7)
- Income and consumption (1.5)
- Indicators related to the Millenium or Sustainable Development Goals (3.3.5)
- Information Society (3.3.3)
- International trade and balance of payments (2.6)
- Justice and crime (1.8)
- Labour (1.2)
- Labour cost (2.8)
- Living conditions, poverty and cross cutting social issues (3.3.1)
- Macroeconomic statistics (2.1)
- Mining, manufacturing, construction (2.4.3)
- Political and other community activities (1.10)

- Population and migration (1.1)
- Prices (2.7)
- Regional and small area statistics (3.2)
- Science, technology and innovation (2.9)
- Social protection (1.6)
- Sustainable development (3.6.6)
- Time use (1.11)
- Tourism (2.4.5)
- Transport (2.4.4)
- Yearbooks and similar compendia (3.4)
- Other

If other, please describe

What is the status of the case study?

- Research/experiment/feasibility study/in development
- One off/customised production of statistics
- Ongoing production of statistics with data integration included in the business process
- No information

Information technology

Which tools (applications, software, etc.) are used in relation to the activity?

- R
- SAS
- SPSS
- SQL
- Oracle
- G-Link
- FEBRL
- RELAIS
- CDA
- ATINE
- LinkageWiz
- LinkSolv
- Link Plus
- The Link King
- ChoiceMaker 2
- Other commercial tools
- Other in-house developed tools
- Other outsourced services
- Other open source tools

Please provide additional details and/or links about the tools you use

Methods

What methods are used?

- Deterministic record linkage (links based on individual identifiers that match among the available data sets)
- Probabilistic record linkage (linking two pieces of information together using multiple, possibly non-unique, keys)
- Other

Please provide additional details and/or links about the methods you use

Further information

Please provide any further

information regarding your case study as text and/or links. For example, you could include links to published reports or papers, comments about open issues such as data access, or any other relevant information.



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