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.

Form: DataIntegrationCaseStudy

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