Data Integration Case Studies

This page provides a summary of the case studies submitted

Respondents can chose to:

1. share the information provided publicly
2. share the information only among colleagues in official statistics, or
3. provide the information for use only in aggregate or anonymous form.

The table will show results according to their choice and whether the reader is anonymous or a member of the official statistics community.

Use the search feature at the right to search for a particular topic, domain, organisation, tool etc.

	Title	Description	Organisation	Country (if applicable)	Use of the information provided	Email address	Reason(s) for integration	Other reasons	Types of data
Show	Register-based Census	Registered-based census is a method of producing data on population, households and dwellings by the statistical linking together existent administrative and statistical data sources using unique identifiers without any fieldwork enumeration.	Statistical Office of the Republic of Slovenia	Slovenia	The information provided can be shared publicly as part of the guide	danilo.dolenc @gov.si	For replacing traditional censuses (e.g. register based population censuses, agricultural census) To provide geospatial products		Survey data Census data Data from public administration (2100)
Show	STAGE - Integrated system for dissemination of geospatial statistics	STAGE (statistics & geography) is a Web-GIS application for visualisation and dissemination of geospatial statistical data introduced by the Statistical Office of the Republic of Slovenia in 2014.

The | Statistical Office of the Republic of Slovenia | Slovenia | The information provided can be shared publicly as part of the guide | igor.kuzma @gov.si | To provide geospatial products | http://gis .stat.si /en/ | Survey data Census data Data from public administration (2100) User-generated maps (1800) |

application offers an interactive cartographic window to visualise a selection of statistical data on thematic maps with a spatial querying tool to delineate user-defined areas of interest for analysis and display of statistical data. The created views can be shared, exported as picture or downloaded as raw geospatial data sets. STAGE offers time series of official statistics presented on administrative units and grids, which makes it a powerful tool for monitoring the past development of a particular phenomenon and suggesting the future trends.

Show	Mobile data in official statistics	Pilot project examining the legal framework necessary for optimal and secure acquiring, handling and dissemination of the data from the mobile network operators (MNO), investigating the data infrastructure and applied technologies of the MNOs, improving the integration of geo-information and geo-reference in the statistical production process, illustrating how linking geo- and statistical information provides additional value and creates new information.	Statistical Office of the Republic of Slovenia	Slovenia	The information provided can be shared publicly as part of the guide	igor.kuzma@gov.si	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 data validation To provide geospatial products To create statistical products in partnership with other organisations	Mobile phone location (3121) Mobile phone: call/text times and positions (312.)
Show	Agicultural Census	In the Agricultural Census administrative and field survey data are integrated. The use of administrative data reduces the response burden to important extent.	Statistical Office of the Republic of Slovenia	Slovenia	The information provided can be shared publicly as part of the guide	ales.krajnc@gov.si	As a source for sample frames To supplement traditional censuses (e.g. register based population census, agricultural census) For maintaining registers For data validation For data editing and/or imputation To provide geospatial products	Survey data Census data Data from public administration (2100)

Show	Construction of a Key Indicator based two source of data	As part of the National Catalog of Indicators, which contains key indicators for national public policies, we have the indicator Penitentiary population rate that is integrated by two sources of information. One provides information on local penitentiary centers whose data collection is carries out by INEGI, and other source that refers to the federal penitentiary centers whose responsibility for compilation falls into Federal Interior Ministry.	National Institute of Statistics and Geography (INEGI for its acronym in Spanish)	México	The information provided can be shared publicly as part of the guide	gerardo.esparza@inegi.org.mx	To create statistical products in partnership with other organisations	Census data Data from public administration (2100)
Show	National Geostatistical Framework	The National Geostatistical Framework (MGN for its acronym in spanish) was created by the National Institute of Statistics and Geography (INEGI for its acronym in spanish) with the objective of associating census information and statistical survey with the corresponding geographical area. The	National Institute of Statistics and Geography (INEGI for its acronym in Spanish)	México	The information provided can be shared publicly as part of the guide	gerardo.esparza@inegi.org.mx	For data validation For estimation (e.g. small area estimation) To create statistical products in partnership with other organisations To meet the requirements of measuring the Sustainable Development Goals (SDGs)	Survey data Census data Data from public administration (2100) Logs (3110) Social Networks: Facebook, Twitter, Tumblr etc. (1100)

codification of each geostatistical area provides unique and specific identity of the geographical space that occupies in the country, a situation that allows the association of the statistical and geograph